






Making you look bright 2018





Spreading the light across the globe


Nordic Light designs, manufactures and markets a complete range of high performance, energy efficient light fixtures. Our headquarters are located in Skellefteå, Sweden. Our fully owned and operated factories deliver cost effective production and procurement for world-wide distribution.


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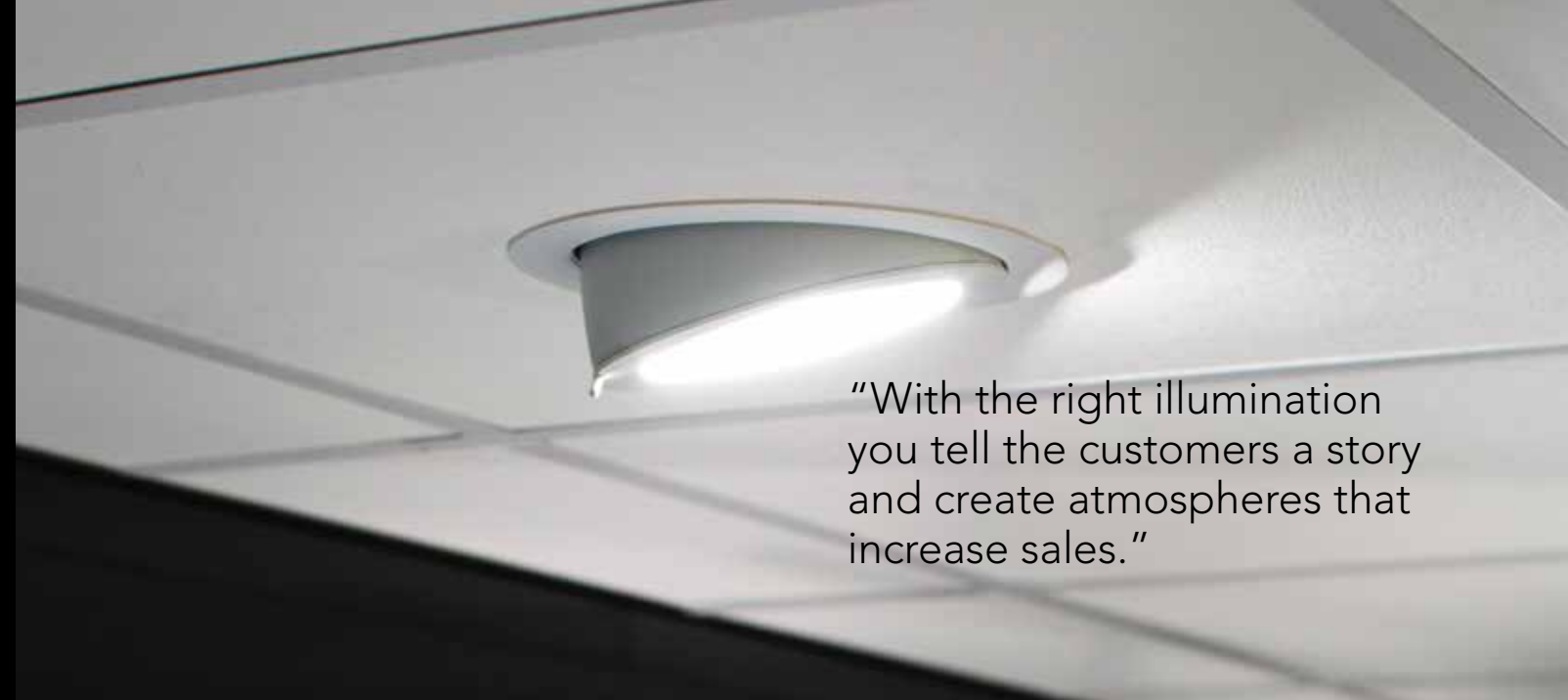
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Legal Notices
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Product information and specifications in this catalogue can be changed without notice. All Nordic Light products must be installed by licensed professionals and must be used in compliance with applicable installation regulations.



“With the right illumination you tell the customers a story and create atmospheres that increase sales.”

About Nordic Light

Nordic Light places a great deal of effort to adapt our products to the needs and demands of our customers. Our wide range of lighting is professionally designed with integrated functionality to ensure the operational reliability of our lighting products. To assure high quality, we only use components from the best suppliers. Nordic Light offers locally certified lighting products and local support in more than 60 countries around the world.

Retail

Cleverly planned lighting solutions are powerful tools that increase sales in the retail market. By illuminating spaces and exploiting the contrast between light and dark, you have the ability to create a tempting and fascinating atmosphere that appeals your customers.

The lighting fixtures of Nordic Light have a strong global reputation for their solid and clean design. Yet, the fixtures have a strong character of their own. This creates retail solutions with ultimate ability to either blend in or stand out, all to work perfectly together with the style of your architect.

By taking full advantage of Nordic Lights products and vast light planning experience, you can effectively empower your brands. Regardless of whether you're selling exclusive luxury products or more affordable ones, we provide the lighting solution that gives every brand the ultimate display.

To ensure continuous development, we always ensure that our customers' insights play a vital role in our work. All fixtures are designed to be both energy efficient and as friendly to the environment as possible.





“Illuminate with the right lighting in the right place to create safe environments.”



“Create the best selling environment for both affordable price levels and more exclusive products.”

Outdoor

The main focus when planning outdoor lighting is to create functional and safe working environment. In ports, large industries and other potentially dangerous locations clear vision is absolutely essential to prevent people from risking their lives.

However, this does not necessarily mean that the solution should be as much light as possible. The challenge is to illuminate with the right lighting in the right place, since too much lighting can dazzle people and cause fatal blinding effects.

Nordic Lights vast experience and expertise in outdoor lighting ensures workplaces with sufficient safety levels. Since we deliver outdoor lighting to customers worldwide, this also include coping with the challenges of external circumstances. The lighting fixtures of Nordic Light are developed to with-

stand everything from snow, ice and cold, to fog, heat and sand.

The design of outdoor lighting must take into account both the circumstances of the location and the factors that are important to the customer. In some cases long durability might be a key issue, while other times strong glow or illuminating certain spots in a location are our main concerns. The lighting solutions of Nordic Light are always designed to be contextual and fit in with the surroundings. Environmental awareness and energy efficiency are always interrelated factors at Nordic Light. The products have the advantage of low power consumption in both production and operation, combined with long durability before needing replacement.



Supermarket

Illuminating a supermarket is a complex and interesting challenge, since you need to include many various kinds of light sources. Apart from the general lighting, you need different kinds of fixtures depending on what kind of food products you are dealing with. Our experienced light planning for supermarkets is based on perfect control of the lighting effect, making sure not to premature any food products. We also apply selected filters to make sure that the colors of every product really comes to life.

By creating the right atmosphere and making every item in the supermarket appear at its best, we maximize your potential to increase sales. Naturally, we adapt the light planning to the atmosphere sought after. For supermarkets selling products at affordable, more modest price levels, we use a homogenous and more cool light. In more expensive locations on the other hand, we use more spotlights and a warmer colour temperature to create an exclusive surrounding. Since supermarkets requires illuminating big areas, we focus on developing energy efficient and long lasting lighting fixtures to keep the costs down for our customers.



Why Nordic Lights products?

Our products have the discrete appearance of Scandinavian design to blend in to the shop ceilings. Advanced computerized software is used for product development and a 3D rapid-prototype printer allows fast verification even of PDM soft type polymers. All our products go through a highly developed burn-in testing procedure, which limits failure at the end-users. Our unique development of electronics ensures the functionality of fixtures in their intended environments. All products also go through Nordic Light's in-house electrical safety tests of both separate modules and complete fixtures.

We always work with fully-equipped professional subcontractors. With global logistic centers and sub-centers we shorten our lead times, which are normally very long in the electronic semi-conductors industry.

Our three paint plants adhere to the latest EU environmental restrictions, which ensures a clean pre-treatment process. Good packaging ensures that our products are well protected, which limits damage during transit and environmental impact. National and international third party certificates verify production and safety of the products.



Color scheme for lighting fixtures

Most Nordic Light fixtures are available in the three standard colors White, Black and Grey. Our European produced powder coat painting lines applied in Nordic Light factories, provide the most modern and environmental friendly techniques while achieving the highest possible quality and capacity. Special colors and treatments for larger volumes offered on request.

Support Frames

The principal rule is that the sound absorbents should not be overloaded. Extra loads should not be applied to the acoustic ceiling but should be taken by the framework structure. For down lights placed in suspended ceiling with weights exceeding 0.3 kg, we recommend use of a support frame, in accordance with recommendation from supplier of ceiling system and national regulations.



Product Guarantees

Nordic Light's LED luminaires have a 5 year guarantee. For detailed information see our current standard warranty terms and condition for the product in question.



Optics

Nordic Light has developed a twist and lock system for easy reflector change. This enables quick change of the reflector beam spreads.

To distinguish the different beam angle there's a marking of (S, M, F or WF) inside the reflectors. The reflector angles vary relating to the application. For selection of beam spread, please consult applicable data sheet.



There's a marking of (S, M, F or WF) inside the reflectors.

The optical system for LED luminaires is optimized by using individual lenses in front of each LED. The lenses are combined in a lens module, which can be exchanged between spot, medium flood and wide flood. To distinguish the different beam spreads there's a marking of (S, M, F or WF) on the side of the lens module.

Glare

A clear front glass eliminates 4% of the light entering and 4% of the light leaving the surfaces. To eliminate glare it is possible to modify the glass surface so that it scatters the light beams, but this usually leads to spreading the light across a larger area.

Screen print on glass surfaces results in a similar glare control, however it results in lower illumination values.

Honeycomb filters are very effective in eliminating glare, but decreases the efficiency significant especially for wider beam spreads. Nordic Light's standard honeycomb filters removes a minimum of light for narrow beam spreads.

Flaps/barn doors can also be used to reduce glare and provide a theatrical/stage look.

Another way of reducing glare is to re-position the spot lights. Disturbing glare usually comes from faulty aiming of the spot lights.

Note: Wide beam spreads naturally gives more glare by definition.

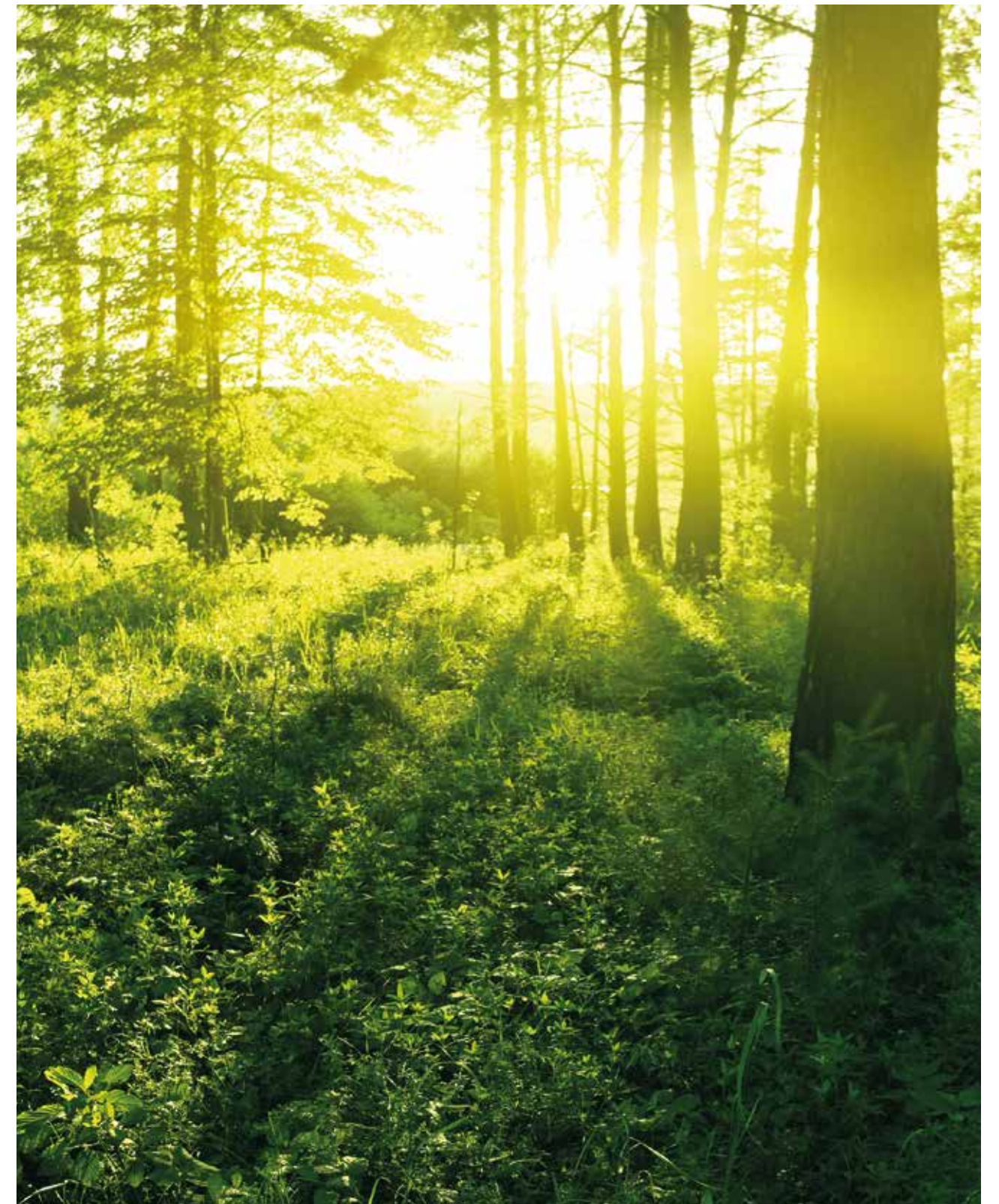
We believe in a sustainable development

What we do today will affect our society in the future, particularly when it comes to the environment. Our aim is to reduce our environmental impact through continual improvements, making Nordic Light a part of the push towards sustainable development.

Nordic Light follows all legal requirements and all of our products have their own documentation drawn up in accordance with the "Environmental Declaration for Electrical Products, Version 05."

Nordic Light supplies lighting to many large companies and prides itself on meeting these companies' very high environmental demands.

Nordic Light's products are continually adapted to suit new and changing environmental requirements, such as the RoHS Directive (Restriction of Hazardous Substances) and the new REACH Directive (Registration, Evaluation and Authorisation of Chemicals), which is being developed. The company is a member of the EL-Kretsen recycling programme and works in line with the WEEE Directive (Waste from Electrical and Electronic Equipment).





Track lights

Nordic Light track fixtures beautifully blend timeless design with modern technology to offer today's retail environment ultimate flexibility.



Eclipse 3000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.2 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

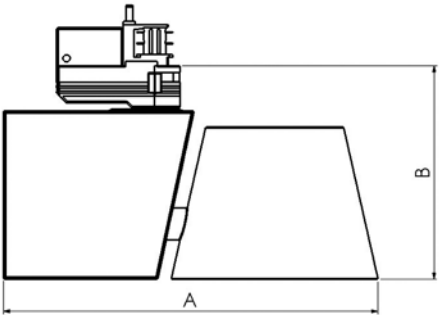


| Spot | | Medium | | Flood | | Wide Flood | |
|------|------|--------|------|-------|------|------------|------|
| 14° | | 25° | | 37° | | 57° | |
| m | ø | m | ø | m | ø | m | ø |
| 1.0 | 0.25 | 1.0 | 0.44 | 1.0 | 0.68 | 1.0 | 1.08 |
| 2.0 | 0.51 | 2.0 | 0.88 | 2.0 | 1.35 | 2.0 | 2.15 |
| 3.0 | 0.76 | 3.0 | 1.32 | 3.0 | 2.03 | 3.0 | 3.23 |

| Art no (EU) | Description | Color |
|-------------|------------------|-------|
| 289-500-10 | Spot | White |
| 289-500-20 | Spot | Black |
| 289-500-30 | Spot | Grey |
| 289-501-10 | Medium | White |
| 289-501-20 | Medium | Black |
| 289-501-30 | Medium | Grey |
| 289-502-10 | Flood | White |
| 289-502-20 | Flood | Black |
| 289-502-30 | Flood | Grey |
| 289-503-10 | Wide flood | White |
| 289-503-20 | Wide flood | Black |
| 289-503-30 | Wide flood | Grey |
| 288-220-001 | Flaps | |
| 288-324-001 | Filter holder | |
| 288-325-001 | Honeycomb filter | |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures by request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used

For latest performance data please download datasheet from www.nordiclight.com.



A 234 B 133,2 (mm)



Eclipse 4000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.2 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

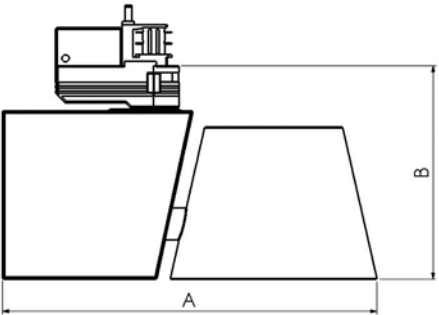


| Spot | | Medium | | Flood | | Wide Flood | |
|------|------|--------|------|-------|------|------------|------|
| 14° | | 25° | | 37° | | 57° | |
| m | ø | m | ø | m | ø | m | ø |
| 1.0 | 0.25 | 1.0 | 0.44 | 1.0 | 0.68 | 1.0 | 1.08 |
| 2.0 | 0.51 | 2.0 | 0.88 | 2.0 | 1.35 | 2.0 | 2.15 |
| 3.0 | 0.76 | 3.0 | 1.32 | 3.0 | 2.03 | 3.0 | 3.23 |

| Art no (EU) | Description | Color |
|-------------|------------------|-------|
| 289-510-10 | Spot | White |
| 289-510-20 | Spot | Black |
| 289-510-30 | Spot | Grey |
| 289-511-10 | Medium | White |
| 289-511-20 | Medium | Black |
| 289-511-30 | Medium | Grey |
| 289-512-10 | Flood | White |
| 289-512-20 | Flood | Black |
| 289-512-30 | Flood | Grey |
| 289-513-10 | Wide flood | |
| 289-513-20 | Wide flood | |
| 289-513-30 | Wide flood | |
| 288-220-001 | Flaps | |
| 288-324-001 | Filter holder | |
| 288-325-001 | Honeycomb filter | |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures by request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com.



A 234 B 133,2 (mm)



Eclipse 5000

Technical specification

LED Track light with incorporated electronic gear and Chip on board. Improved color rendering index +90. High quality reflectors with different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Area of use Track light for indoor applications.

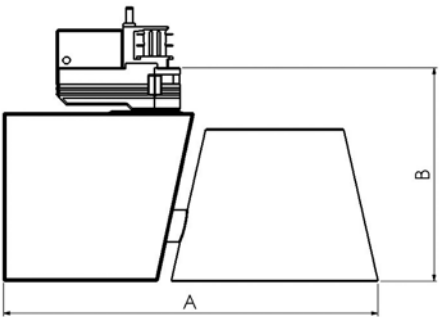
Technical data

| | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.2 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|------------------|-------|
| 289-560-10 | Spot | White |
| 289-560-20 | Spot | Black |
| 289-560-30 | Spot | Grey |
| 289-561-10 | Medium | White |
| 289-561-20 | Medium | Black |
| 289-561-30 | Medium | Grey |
| 289-562-10 | Flood | White |
| 289-562-20 | Flood | Black |
| 289-562-30 | Flood | Grey |
| 289-563-10 | Wide flood | White |
| 289-563-20 | Wide flood | Black |
| 289-562-30 | Wide flood | Grey |
| 288-220-001 | Flaps | |
| 288-324-001 | Filter holder | |
| 288-325-001 | Honeycomb filter | |



| Spot | Medium | Flood | Wide Flood |
|------|--------|-------|------------|
| 19° | 28° | 40° | 57° |
| m | m | m | m |
| ø | ø | ø | ø |
| 1.0 | 1.0 | 1.0 | 1.0 |
| 0.33 | 0.51 | 0.73 | 1.09 |
| 2.0 | 2.0 | 2.0 | 2.0 |
| 0.66 | 1.01 | 1.46 | 2.18 |
| 3.0 | 3.0 | 3.0 | 3.0 |
| 0.99 | 1.52 | 2.18 | 3.27 |



A 234 B 133,2 (mm)



ExO I 3000

Technical specification

A powerful one-directional wall washer ideally suited for even and smooth wall washing in any retail environment. All our ExO can be spaced far apart while still providing effective lighting. This results in lower initial, installation and running costs. Indirect lighting minimises glare resulting in a calm yet bright retail environment where light, and the customers attention, is focused fully on the goods on display.

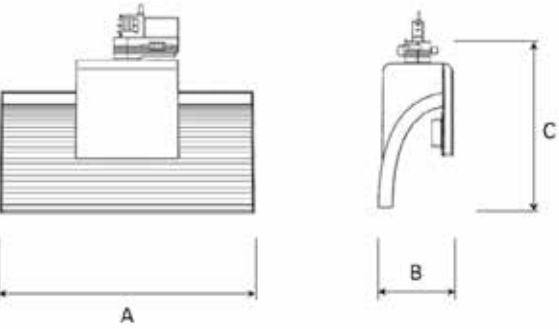
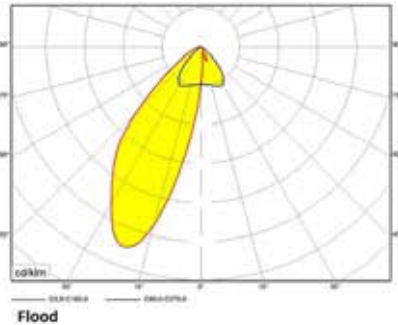
Model and colors Available in white, black and grey.

Area of use Wall washer for Indoor applications.

Technical data

| | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.85 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 311-501-10 | Flood | White |
| 311-501-20 | Flood | Black |
| 311-501-30 | Flood | Grey |



A 300 B 93 C 207 (mm)

Note

Product available in other kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as catalogue numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com

Note

Product available with meat or bread COB on request. Product available in other Kelvin temperatures by request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



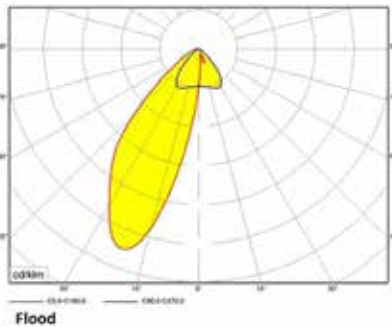
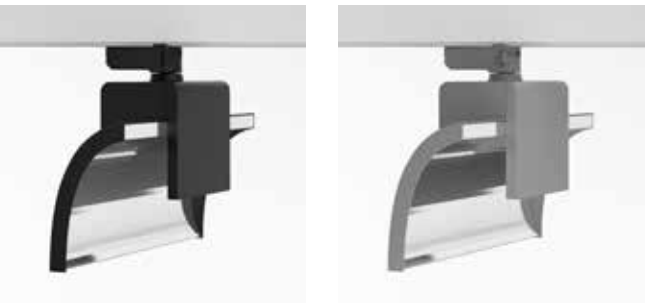
ExO I 4000

Technical specification
A powerful one-directional wall washer ideally suited for even and smooth wall washing in any retail environment. All our ExO can be spaced far apart while still providing effective lighting. This results in lower initial, installation and running costs. Indirect lighting minimises glare resulting in a calm yet bright retail environment where light, and the customers attention, is focused fully on the goods on display.

Model and colors Available in white, black and grey.
Area of use Wall washer for Indoor applications.

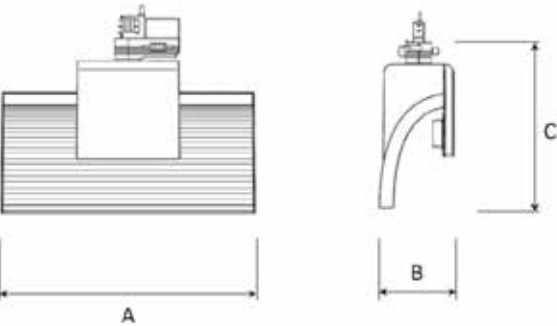
| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.85 kg | |
| Form of protection | IP 20 | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360° | |
| Start time | Instant | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 311-503-10 | Flood | White |
| 311-503-20 | Flood | Black |
| 311-503-30 | Flood | Grey |



Note
Product available in other kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as catalogue numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 300 B 93 C 207 (mm)



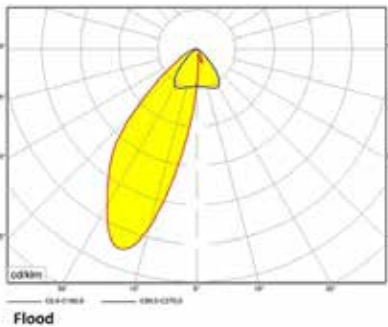
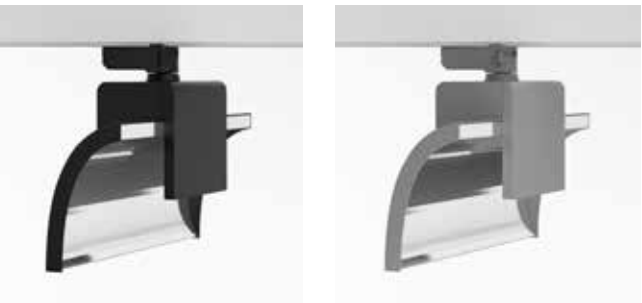
ExO I 5000

Technical specification
A powerful one-directional wall washer ideally suited for even and smooth wall washing in any retail environment. All our ExO can be spaced far apart while still providing effective lighting. This results in lower initial, installation and running costs. Indirect lighting minimises glare resulting in a calm yet bright retail environment where light, and the customers attention, is focused fully on the goods on display.

Model and colors Available in white, black and grey.
Area of use Wall washer for Indoor applications..

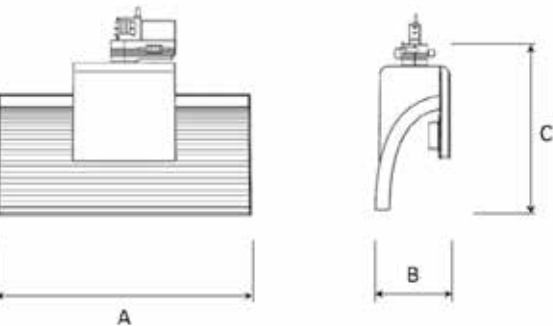
| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.85 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 4000 K | |
| Light source | LED | |
| Operating position | 360° | |
| Start time | Instant | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 311-702-10 | Flood | White |
| 311-702-20 | Flood | Black |
| 311-702-30 | Flood | Grey |

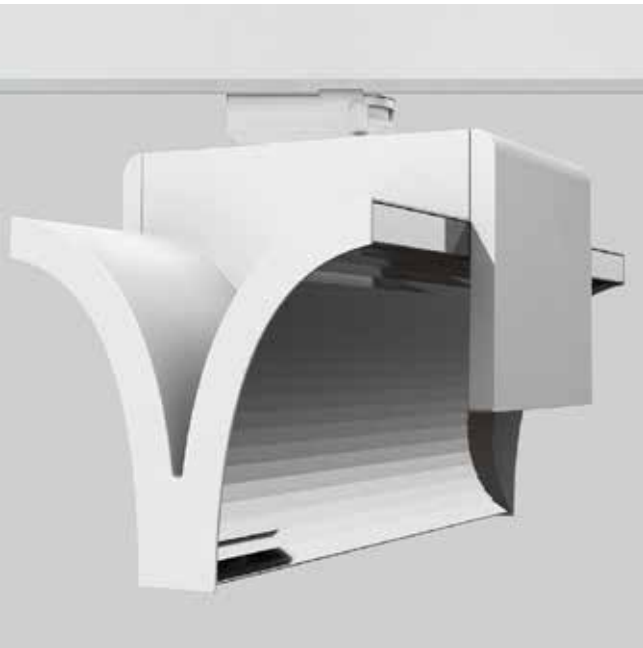


Note
Final shipping destination may require minor modifications of components as well as catalogue numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 300 B 93 C 207 (mm)



ExO II 3000

Technical specification

A double directional reflectors are perfect for aisle lighting. Due to their high output and optimised optics the ExO series offers seamless, homogenous lighting without bright or dark spots. Indirect lighting also minimises glare resulting in a calm yet bright retail environment where light, and the customers attention, is focussed fully on the goods on display.

Model and colors Available in white, black and grey.

Area of use Wall washer for Indoor applications.

Technical data

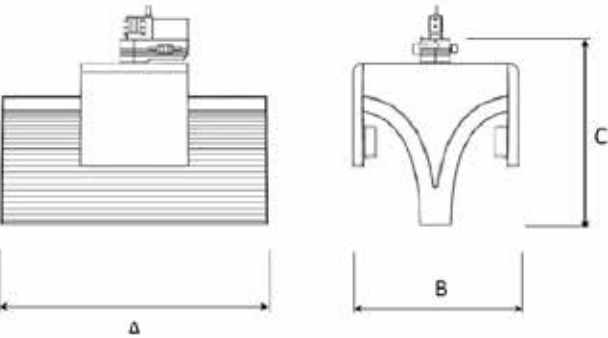
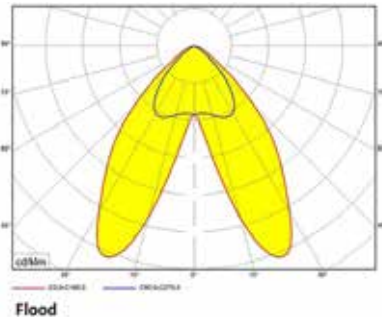
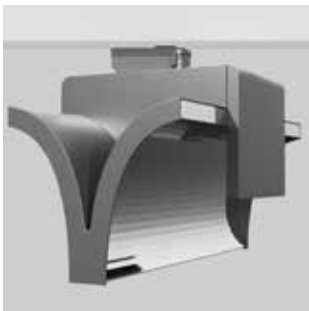
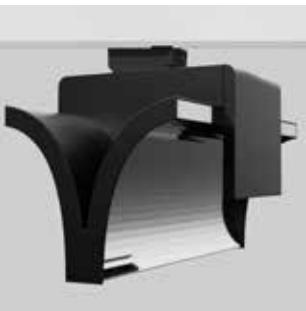
| | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.55 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 311-541-10 | Flood | White |
| 311-541-20 | Flood | Black |
| 311-541-30 | Flood | Grey |

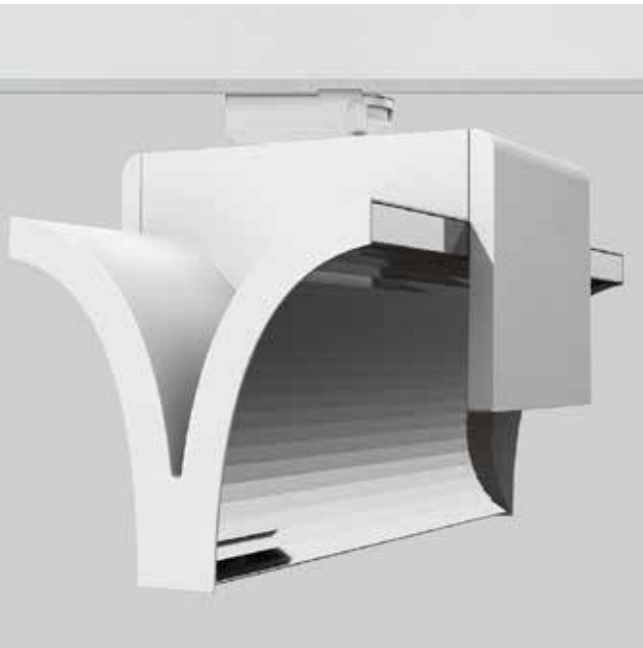
Note

Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as catalogue numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 300 B 185 C 207 (mm)



ExO II 4000

Technical specification

A double directional reflectors are perfect for aisle lighting. Due to their high output and optimised optics the ExO series offers seamless, homogenous lighting without bright or dark spots. Indirect lighting also minimises glare resulting in a calm yet bright retail environment where light, and the customers attention, is focussed fully on the goods on display.

Model and colors Available in white, black and grey.

Area of use Wall washer for Indoor applications.

Technical data

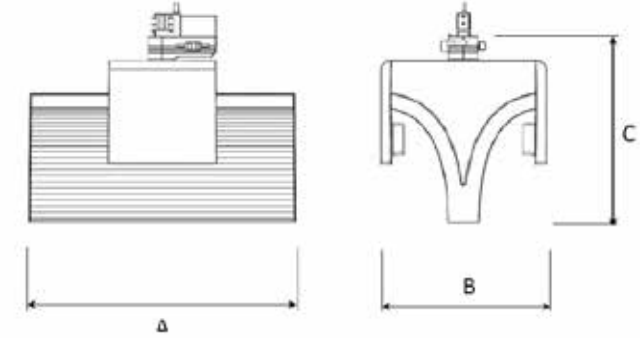
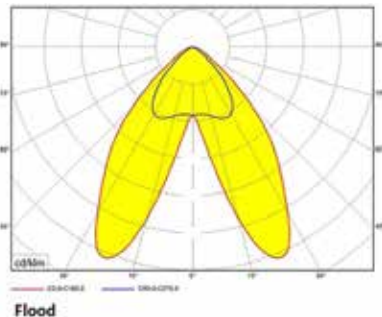
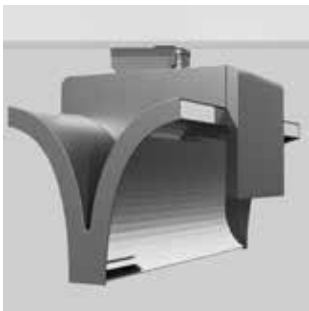
| | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.55 kg |
| Form of protection | IP 20 |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 311-543-10 | Flood | White |
| 311-543-20 | Flood | Black |
| 311-543-30 | Flood | Grey |

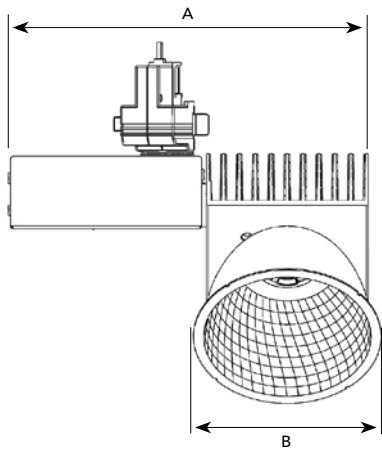
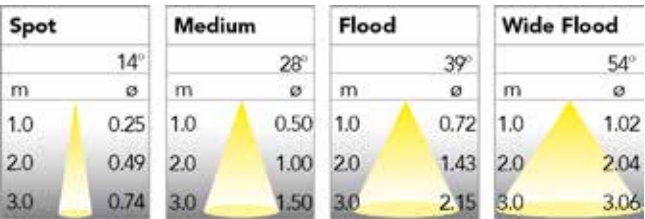
Note

Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as catalogue numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 300 B 185 C 207 (mm)



A 213 B 111 (mm)

Hyper 3000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight.

Model and colors Available in white, black and grey.

Accessories Protective glass Flaps kit

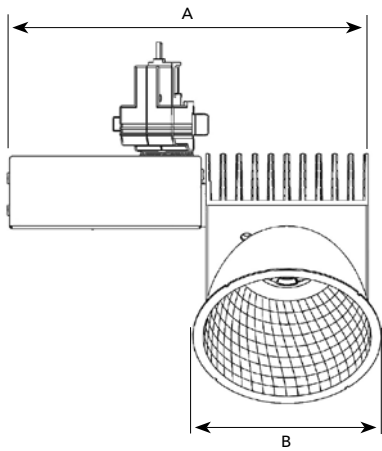
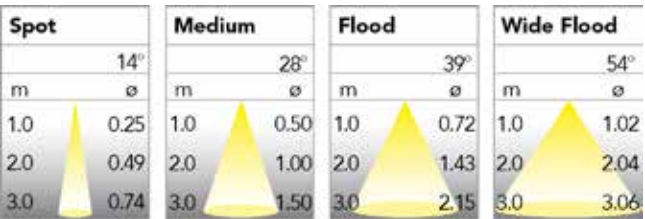
Area of use Track light for indoor applications.

Technical data
Mains (input) voltage 220-240 V
Total weight 0.75 kg
Form of protection IP 20, class I
Color temperature 3 000 K
Light source LED
Operating position 360°/90°
Start time Instant
Driver Built in
Optics Metalized aluminum reflector
Beam spreads Spot, Medium, Flood, Wide flood

| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 283-500-10 | Spot | White |
| 283-500-20 | Spot | Black |
| 283-500-30 | Spot | Grey |
| 283-501-10 | Medium | White |
| 283-501-20 | Medium | Black |
| 283-501-30 | Medium | Grey |
| 283-502-10 | Flood | White |
| 283-502-20 | Flood | Black |
| 283-502-30 | Flood | Grey |
| 283-503-10 | Wide flood | White |
| 283-503-20 | Wide flood | Black |
| 283-503-30 | Wide flood | Grey |
| 274-210-100-xx* | Flaps kit | |
| 274-322-001 | Filter holder | |
| 265-307-001 | Honeycomb filter | |

Note
*Art nr. xx = Depends on beam spread and color choice
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 213 B 111 (mm)

Hyper 4000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight.

Model and colors Available in white, black and grey.

Accessories Protective glass Flaps kit.

Area of use Track light for indoor applications.

Technical data
Mains (input) voltage 220-240 V
Total weight 0.75 kg
Form of protection IP 20, class I
Color temperature 3 000 K
Light source LED
Operating position 360°/90°
Start time Instant
Driver Built in
Optics Metalized aluminum reflector
Beam spreads Spot, Medium, Flood

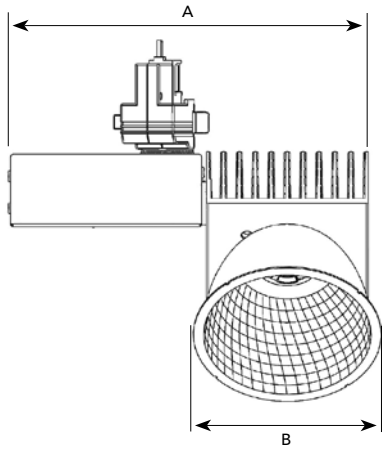
| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 283-510-10 | Spot | White |
| 283-510-20 | Spot | Black |
| 283-510-30 | Spot | Grey |
| 283-511-10 | Medium | White |
| 283-511-20 | Medium | Black |
| 283-511-30 | Medium | Grey |
| 283-512-10 | Flood | White |
| 283-512-20 | Flood | Black |
| 283-512-30 | Flood | Grey |
| 283-513-10 | Wide flood | White |
| 283-513-20 | Wide flood | Black |
| 283-513-30 | Wide flood | Grey |
| 274-210-100-xx* | Flaps kit | |
| 274-322-001 | Filter holder | |
| 265-307-001 | Honeycomb filter | |

Note
*Art nr. xx = Depends on beamsread and colour choice.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Spot | | Medium | | Flood | | Wide Flood | |
|------|------|--------|------|-------|------|------------|------|
| 19° | | 28° | | 40° | | 57° | |
| m | ø | m | ø | m | ø | m | ø |
| 1.0 | 0.33 | 1.0 | 0.51 | 1.0 | 0.73 | 1.0 | 1.09 |
| 2.0 | 0.66 | 2.0 | 1.01 | 2.0 | 1.46 | 2.0 | 2.18 |
| 3.0 | 0.99 | 3.0 | 1.52 | 3.0 | 2.18 | 3.0 | 3.27 |



A 213 B 111 (mm)

Hyper 5000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight.

Model and colors Available in white, black and grey.

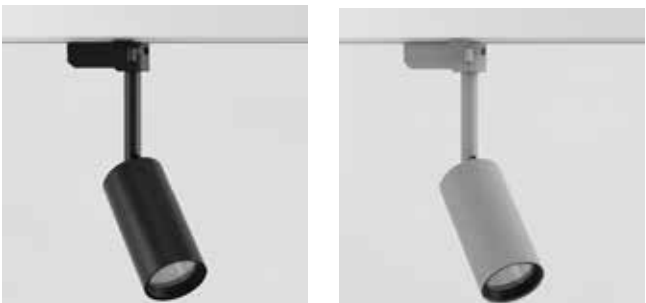
Area of use Protective glass Flaps kit.

Technical data
Mains (input) voltage 220-240 V
Total weight 0.75 kg
Form of protection IP 20, class I
Color temperature 3 000 K
Light source LED
Operating position 360°/90°
Start time Instant
Driver Built in
Optics Metalized aluminum reflector
Beam spreads Spot, Medium, Flood

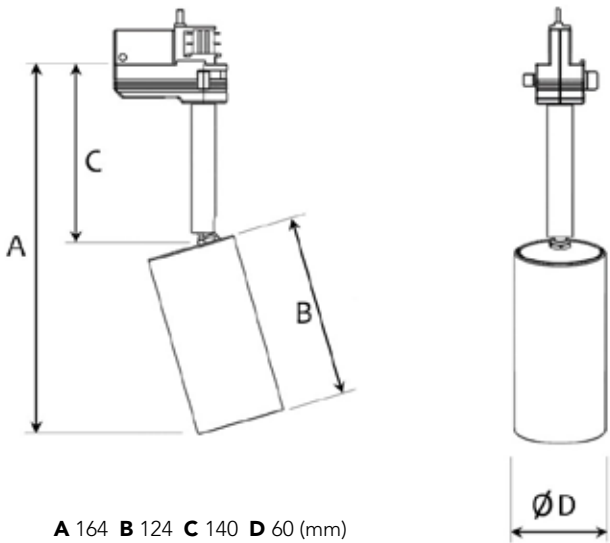
| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 283-540-10 | Spot | White |
| 283-540-20 | Spot | Black |
| 283-540-30 | Spot | Grey |
| 283-541-10 | Medium | White |
| 283-541-20 | Medium | Black |
| 283-541-30 | Medium | Grey |
| 283-542-10 | Flood | White |
| 283-542-20 | Flood | Black |
| 283-542-30 | Flood | Grey |
| 283-543-10 | Wide flood | White |
| 283-543-20 | Wide flood | Black |
| 283-543-30 | Wide flood | Grey |
| 274-210-100-xx* | Flaps kit | |
| 274-322-001 | Filter holder | |
| 265-307-001 | Honeycomb filter | |

Note
*Art nr. xx = Depends on beamspread and colour choice.
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 14° | | 25° | | 35° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.25 | 1.0 | 0.45 | 1.0 | 0.64 |
| 2.0 | 0.50 | 2.0 | 0.89 | 2.0 | 1.28 |
| 3.0 | 0.75 | 3.0 | 1.34 | 3.0 | 1.91 |



A 164 B 124 C 140 D 60 (mm)

Jet micro 1200

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight.

Model and colors Available in white, black and grey.

Area of use Track light for indoor applications.

Technical data
Mains (input) voltage 220-240 V
Total weight 0.65 kg
Form of protection IP 20, class I
Color temperature 3 000 K
Light source LED
Operating position 360°/90°
Start time Instant
Driver Built in
Optics Metalized aluminum reflector
Beam spreads Spot, Medium, Flood

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 310-500-10 | Spot | White |
| 310-500-20 | Spot | Black |
| 310-500-30 | Spot | Grey |
| 310-501-10 | Medium | White |
| 310-501-20 | Medium | Black |
| 310-501-30 | Medium | Grey |
| 310-502-10 | Flood | White |
| 310-502-20 | Flood | Black |
| 310-502-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Revoc 3000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

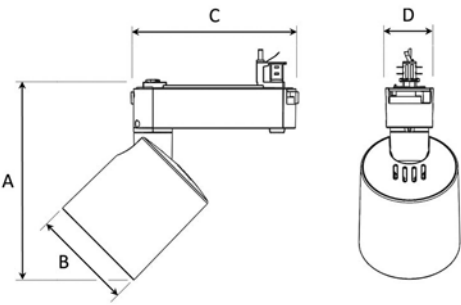


| Spot | | Medium | | Flood | | Wide Flood | |
|------|------|--------|------|-------|------|------------|------|
| 14° | | 25° | | 37° | | 57° | |
| m | ø | m | ø | m | ø | m | ø |
| 1.0 | 0.25 | 1.0 | 0.44 | 1.0 | 0.68 | 1.0 | 1.08 |
| 2.0 | 0.51 | 2.0 | 0.88 | 2.0 | 1.35 | 2.0 | 2.15 |
| 3.0 | 0.76 | 3.0 | 1.32 | 3.0 | 2.03 | 3.0 | 3.23 |

| Art no (EU) | Description | Color |
|-------------|---------------|-------|
| 287-500-10 | Spot | White |
| 287-500-20 | Spot | Black |
| 287-500-30 | Spot | Grey |
| 287-501-10 | Medium | White |
| 287-501-20 | Medium | Black |
| 287-501-30 | Medium | Grey |
| 287-502-10 | Flood | White |
| 287-502-20 | Flood | Black |
| 287-502-30 | Flood | Grey |
| 287-503-10 | Wide flood | White |
| 287-503-20 | Wide flood | Black |
| 287-503-30 | Wide flood | Grey |
| 288-220-001 | Flaps | |
| 288-324-001 | Filter holder | |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 198 B 104 C 167 D 49 (mm)



Revoc 4000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

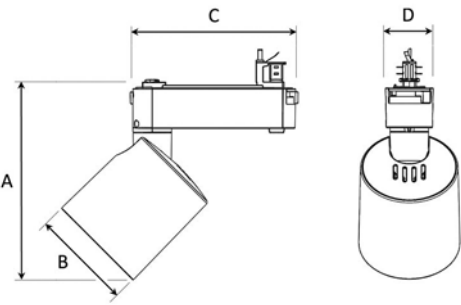


| Spot | | Medium | | Flood | | Wide Flood | |
|------|------|--------|------|-------|------|------------|------|
| 14° | | 25° | | 37° | | 57° | |
| m | ø | m | ø | m | ø | m | ø |
| 1.0 | 0.25 | 1.0 | 0.44 | 1.0 | 0.68 | 1.0 | 1.08 |
| 2.0 | 0.51 | 2.0 | 0.88 | 2.0 | 1.35 | 2.0 | 2.15 |
| 3.0 | 0.76 | 3.0 | 1.32 | 3.0 | 2.03 | 3.0 | 3.23 |

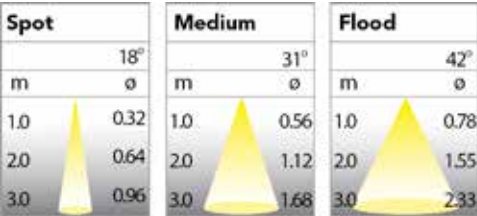
| Art no (EU) | Description | Color |
|-------------|---------------|-------|
| 287-510-10 | Spot | White |
| 287-510-20 | Spot | Black |
| 287-510-30 | Spot | Grey |
| 287-511-10 | Medium | White |
| 287-511-20 | Medium | Black |
| 287-511-30 | Medium | Grey |
| 287-512-10 | Flood | White |
| 287-512-20 | Flood | Black |
| 287-512-30 | Flood | Grey |
| 287-513-10 | Wide flood | White |
| 287-513-20 | Wide flood | Black |
| 287-513-30 | Wide flood | Grey |
| 288-220-001 | Flaps | |
| 288-324-001 | Filter holder | |

Note
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 198 B 104 C 167 D 49 (mm)



Revoc mini 1500

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Accessories Flaps kit

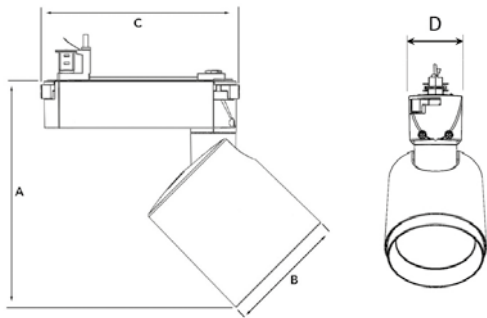
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.76 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |

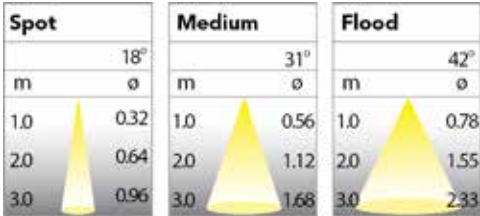
| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 285-500-10 | Spot | White |
| 285-500-20 | Spot | Black |
| 285-500-30 | Spot | Grey |
| 285-501-10 | Medium | White |
| 285-501-20 | Medium | Black |
| 285-501-30 | Medium | Grey |
| 285-502-10 | Flood | White |
| 285-502-20 | Flood | Black |
| 285-502-30 | Flood | Grey |
| 298-210-100-xx* | Flaps kit | |
| 298-314-001 | Filter holder | |
| 298-315-001 | Honeycomb filter | |

Note
*Art nr. xx = Depends on beamsread and colour choice.
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 167 B 84 C 167 D 49 (mm)



Revoc mini 2000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Accessories Flaps kit

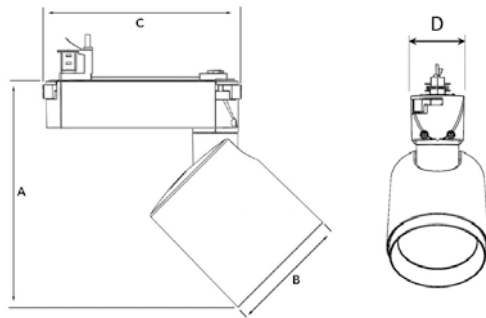
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.76 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |

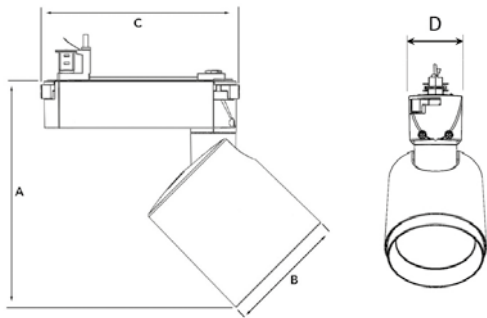
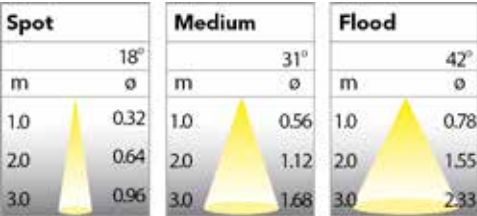
| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 285-510-10 | Spot | White |
| 285-510-20 | Spot | Black |
| 285-510-30 | Spot | Grey |
| 285-511-10 | Medium | White |
| 285-511-20 | Medium | Black |
| 285-511-30 | Medium | Grey |
| 285-512-10 | Flood | White |
| 285-512-20 | Flood | Black |
| 285-512-30 | Flood | Grey |
| 298-210-100-xx* | Flaps kit | |
| 298-314-001 | Filter holder | |
| 298-315-001 | Honeycomb filter | |

Note
*Art nr. xx = Depends on beamsread and colour choice.
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 167 B 84 C 167 D 49 (mm)



A 167 B 84 C 167 D 49 (mm)

Revoc mini 2500

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Accessories Flaps kit

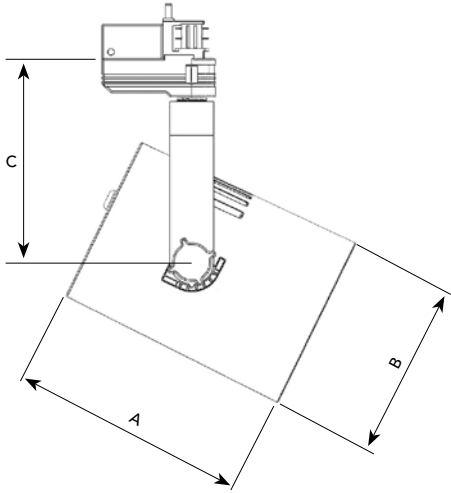
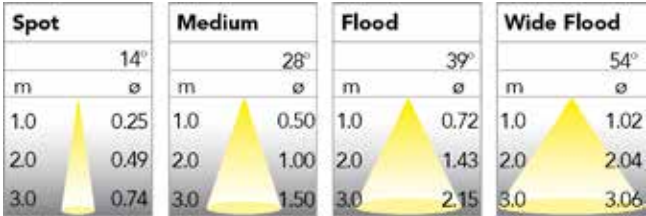
Area of use Track light for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.76 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 3000 K | |
| Light source | LED | |
| Operating position | 360°/90° | |
| Start time | Instant | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 285-590-10 | Spot | White |
| 285-590-20 | Spot | Black |
| 285-590-30 | Spot | Grey |
| 285-591-10 | Medium | White |
| 285-591-20 | Medium | Black |
| 285-591-30 | Medium | Grey |
| 285-592-10 | Flood | White |
| 285-592-20 | Flood | Black |
| 285-592-30 | Flood | Grey |
| 298-210-100-xx* | Flaps kit | |
| 298-314-001 | Filter holder | |
| 298-315-001 | Honeycomb filter | |

Note
*Art nr. xx = Depends on beamsread and colour choice.
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 162 B 121 C 139 (mm)

Tubix 3000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Accessories Flaps kit

Area of use Track light for indoor applications.

| Technical data | | |
|-----------------------|---------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 1.2 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/90° | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood, Wide flood | |

| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 274-504-10 | Spot | White |
| 274-504-20 | Spot | Black |
| 274-504-30 | Spot | Grey |
| 274-505-10 | Medium | White |
| 274-505-20 | Medium | Black |
| 274-505-30 | Medium | Grey |
| 274-506-10 | Flood | White |
| 274-506-20 | Flood | Black |
| 274-506-30 | Flood | Grey |
| 274-507-10 | Wide flood | White |
| 274-507-20 | Wide flood | Black |
| 274-507-30 | Wide flood | Grey |
| 274-210-100-xx* | Flaps kit | |
| 274-322-001 | Filter holder | |
| 265-307-001 | Honeycomb filter | |

Note
*Art no xx = Depends on beam spread and color choice.
Product available with meat or bread COB on request. Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to statethe country in which the fixtures will be used.

FB suitable for bread products.
FF suitable for fish products.
FV suitable for fruit and vegetables products.
FM suitable for meat products.

For latest performance data please download datasheet from www.nordiclight.com



Tubix 4000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Accessories Flaps kit

Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.2 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

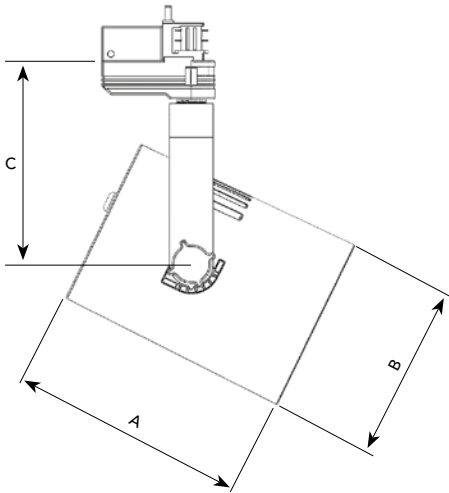
| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 274-540-10 | Spot | White |
| 274-540-20 | Spot | Black |
| 274-540-30 | Spot | Grey |
| 274-541-10 | Medium | White |
| 274-541-20 | Medium | Black |
| 274-541-30 | Medium | Grey |
| 274-542-10 | Flood | White |
| 274-542-20 | Flood | Black |
| 274-542-30 | Flood | Grey |
| 274-543-10 | Wide flood | White |
| 274-543-20 | Wide flood | Black |
| 274-543-30 | Wide flood | Grey |
| 274-210-100-xx* | Flaps kit | |
| 274-322-001 | Filter holder | |
| 298-315-001 | Honeycomb filter | |

Note
*Art no xx = Depends on beam spread and color choice.
Product available in other Kelvin temperatures by request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Spot | | Medium | | Flood | | Wide Flood | |
|------|------|--------|------|-------|------|------------|------|
| 14° | | 28° | | 39° | | 54° | |
| m | ø | m | ø | m | ø | m | ø |
| 1.0 | 0.25 | 1.0 | 0.50 | 1.0 | 0.72 | 1.0 | 1.02 |
| 2.0 | 0.49 | 2.0 | 1.00 | 2.0 | 1.43 | 2.0 | 2.04 |
| 3.0 | 0.74 | 3.0 | 1.50 | 3.0 | 2.15 | 3.0 | 3.06 |



A 162 B 121 C 139 (mm)



Tubix 3000/4000, Oval Reflector

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality Oval beam reflector, which reduces the hotspot and reduces the risk of damaging the meat and sensitive fresh food items. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.2 kg |
| Form of protection | IP 20, class I |
| Color temperature | 2000-5000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Oval |

| Art no (EU) | Description | Color |
|-----------------|-----------------------|-------|
| 274-750-10 | Oval reflector 3000lm | White |
| 274-750-20 | Oval reflector 3000lm | Black |
| 274-750-30 | Oval reflector 3000lm | Grey |
| 274-752-10 | Oval reflector 4000lm | White |
| 274-752-20 | Oval reflector 4000lm | Black |
| 274-752-30 | Oval reflector 4000lm | Grey |
| 274-210-0xx-xx* | Flaps kit | |
| 274-322-001 | Filter holder | |
| 265-307-001 | Honeycomb filter | |

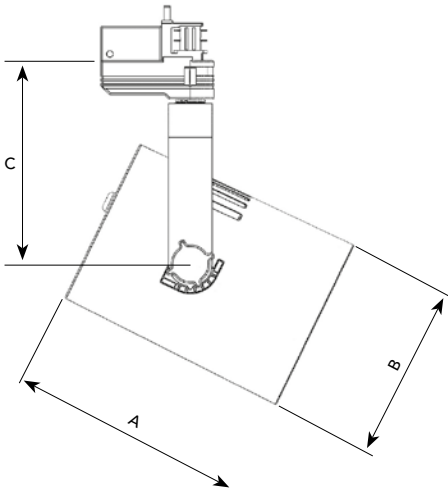
Note
*Art nr. xx=Depends on beamspread and color choice.

Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

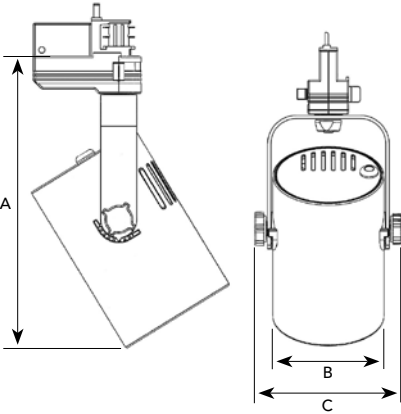
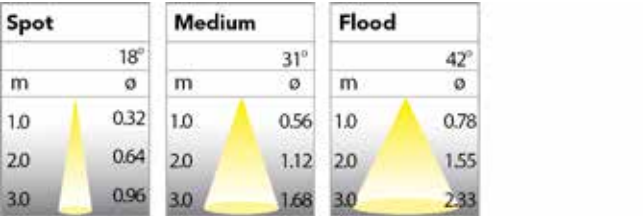
For latest performance data please download datasheet from www.nordiclight.com



| Oval | |
|---------|------|
| 60°/40° | |
| m | ø |
| 1.0 | 1.13 |
| 2.0 | 2.25 |
| 3.0 | 3.38 |



A 162 B 121 C 139 (mm)



A 208 B 87 C 115 (mm)

Tubix mini 1500

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Accessories Flaps kit

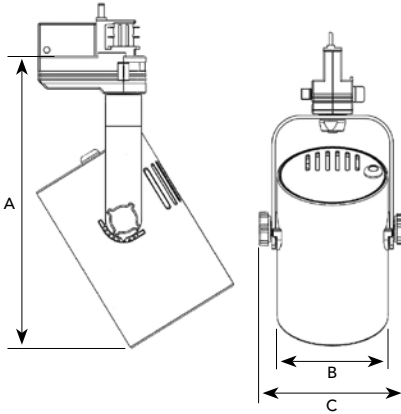
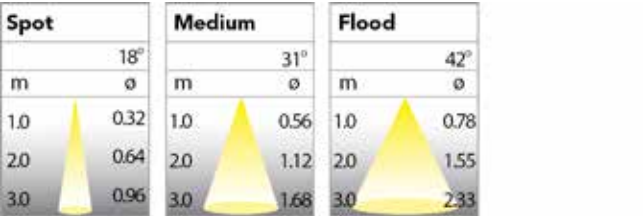
Area of use Track light for indoor applications.

Technical data
Mains (input) voltage 220-240 V
Total weight 0.76 kg
Form of protection IP 20, class I
Color temperature 3000 K
Light source LED
Operating position 360°/90°
Start time Instant
Driver Built in
Optics Metalized aluminum reflector
Beam spreads Spot, Medium, Flood

| Art no (EU) | Description | Color |
|-----------------|---------------|-------|
| 291-500-10 | Spot | White |
| 291-500-20 | Spot | Black |
| 291-500-30 | Spot | Grey |
| 291-501-10 | Medium | White |
| 291-501-20 | Medium | Black |
| 291-501-30 | Medium | Grey |
| 291-502-10 | Flood | White |
| 291-502-20 | Flood | Black |
| 291-502-30 | Flood | Grey |
| 298-210-100-xx* | Flaps kit | |
| 298-314-001 | Filter holder | |

Note
*Art nr. xx = Depends on beamspread and colour choice.
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 208 B 87 C 115 (mm)

Tubix mini 2000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Accessories Flaps kit

Area of use Track light for indoor applications.

Technical data
Mains (input) voltage 220-240 V
Total weight 0.76 kg
Form of protection IP 20, class I
Color temperature 3000 K
Light source LED
Operating position 360°/90°
Start time Instant
Driver Built in
Optics Metalized aluminum reflector
Beam spreads Spot, Medium, Flood

| Art no (EU) | Description | Color |
|-----------------|---------------|-------|
| 291-510-10 | Spot | White |
| 291-510-20 | Spot | Black |
| 291-510-30 | Spot | Grey |
| 291-511-10 | Medium | White |
| 291-511-20 | Medium | Black |
| 291-511-30 | Medium | Grey |
| 291-512-10 | Flood | White |
| 291-512-20 | Flood | Black |
| 291-512-30 | Flood | Grey |
| 298-210-100-xx* | Flaps kit | |
| 298-314-001 | Filter holder | |

Note
*Art nr. xx = Depends on beamspread and colour choice.
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Ultra 3000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight.

Model and colors Available in white, black and grey.

Accessories Filters.

Area of use Track light for indoor applications.

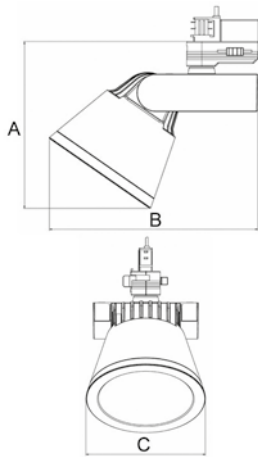
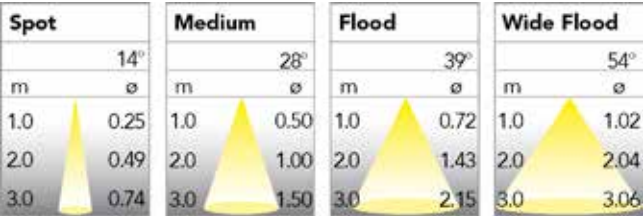
| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 265-500-10 | Spot | White |
| 265-500-20 | Spot | Black |
| 265-500-30 | Spot | Grey |
| 265-501-10 | Medium | White |
| 265-501-20 | Medium | Black |
| 265-501-30 | Medium | Grey |
| 265-502-10 | Flood | White |
| 265-502-20 | Flood | Black |
| 265-502-30 | Flood | Grey |
| 265-503-10 | Wide flood | White |
| 265-503-20 | Wide flood | Black |
| 265-503-30 | Wide flood | Grey |

Note
Product available with meat or bread COB on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

FB suitable for bread products.
FF suitable for fish products.
FV suitable for fruit and vegetables products.
FM suitable for meat products.

For latest performance data please download datasheet from www.nordiclight.com



A 178 B 222 C 132 (mm)



Ultra 4000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight.

Model and colors Available in white, black and grey.

Accessories Filters.

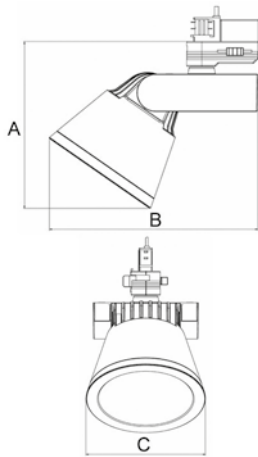
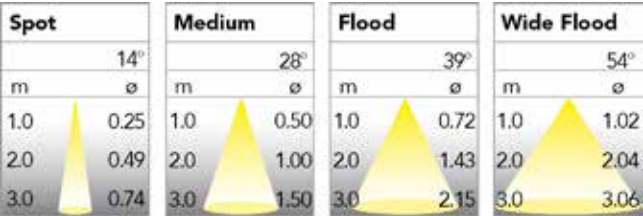
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 265-580-10 | Spot | White |
| 265-580-20 | Spot | Black |
| 265-580-30 | Spot | Grey |
| 265-581-10 | Medium | White |
| 265-581-20 | Medium | Black |
| 265-581-30 | Medium | Grey |
| 265-582-10 | Flood | White |
| 265-582-20 | Flood | Black |
| 265-582-30 | Flood | Grey |
| 265-583-10 | Wide flood | White |
| 265-583-20 | Wide flood | Black |
| 265-583-30 | Wide flood | Grey |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 178 B 222 C 132 (mm)





Ultra 3000/4000, Oval Reflector

Technical specification

Track light with incorporated electronic gear and Chip on board. High quality. Oval beam reflector, which reduces the hotspot and reduces the risk of damaging the meat and sensitive fresh food items. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Area of use Track light for indoor applications.

Technical data

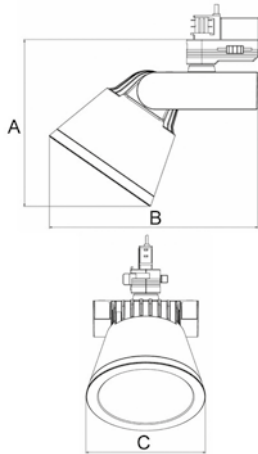
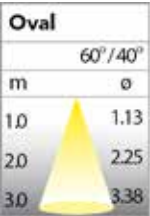
| | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.2 kg |
| Form of protection | IP 20, class I |
| Color temperature | 2000-5000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Oval |

| Art no (EU) | Description | Color |
|-------------|-----------------------|-------|
| 265-757-10 | Oval reflector 3000lm | White |
| 265-757-20 | Oval reflector 3000lm | Black |
| 265-757-30 | Oval reflector 3000lm | Grey |
| 265-750-10 | Oval reflector 4000lm | White |
| 265-750-20 | Oval reflector 4000lm | Black |
| 265-750-30 | Oval reflector 4000lm | Grey |

Note

Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 178 B 222 C 132 (mm)



Ultra mini 1500

Technical specification

Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight.

Model and colors Available in white, black and grey.

Area of use Track light for indoor applications.

Technical data

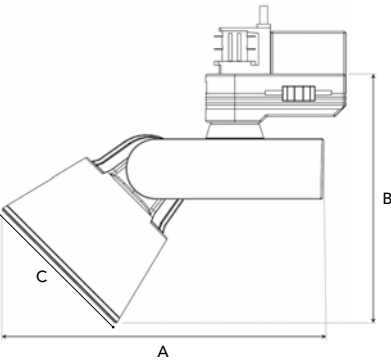
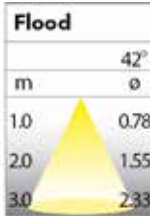
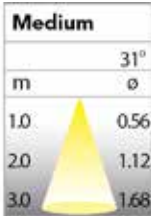
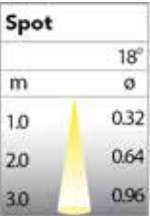
| | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.76 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 277-500-10 | Spot | White |
| 277-500-20 | Spot | Black |
| 277-500-30 | Spot | Grey |
| 277-501-10 | Medium | White |
| 277-501-20 | Medium | Black |
| 277-501-30 | Medium | Grey |
| 277-502-10 | Flood | White |
| 277-502-20 | Flood | Black |
| 277-502-30 | Flood | Grey |

Note

Product available with meat or bread COB on request. Product available in other Kelvin temperatures by request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used. Product is under construction and not ready for sale.

For latest performance data please download datasheet from www.nordiclight.com



A 177 B 137 C 67 (mm)



Ultra mini 2000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight.

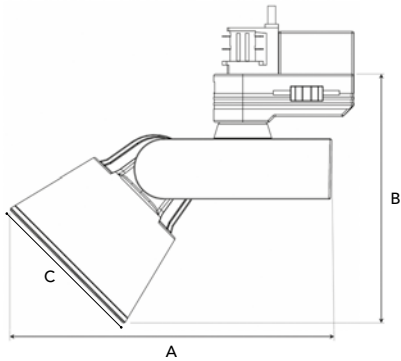
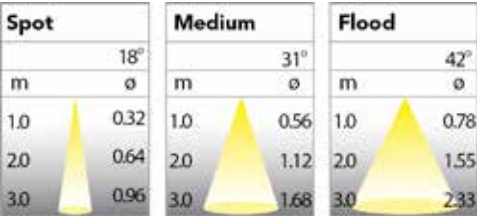
Model and colors Available in white, black and grey.
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.76 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 277-510-10 | Spot | White |
| 277-510-20 | Spot | Black |
| 277-510-30 | Spot | Grey |
| 277-511-10 | Medium | White |
| 277-511-20 | Medium | Black |
| 277-511-30 | Medium | Grey |
| 277-512-10 | Flood | White |
| 277-512-20 | Flood | Black |
| 277-512-30 | Flood | Grey |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures by request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 177 B 137 C 67 (mm)



Zylinder 3000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

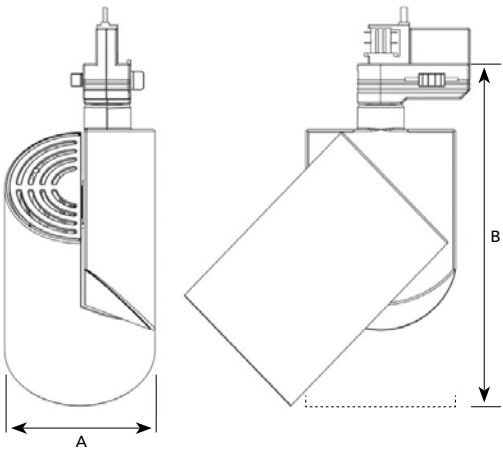
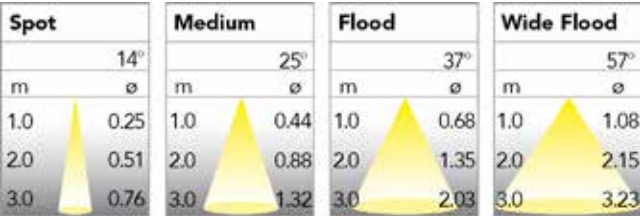
Model and colors Available in white, black and grey.
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.91 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|------------------|-------|
| 288-500-10 | Spot | White |
| 288-500-20 | Spot | Black |
| 288-500-30 | Spot | Grey |
| 288-501-10 | Medium | White |
| 288-501-20 | Medium | Black |
| 288-501-30 | Medium | Grey |
| 288-502-10 | Flood | White |
| 288-502-20 | Flood | Black |
| 288-502-30 | Flood | Grey |
| 288-503-10 | Wide Flood | White |
| 288-503-20 | Wide Flood | Black |
| 288-503-30 | Wide Flood | Grey |
| 288-220-001 | Flaps Kit | |
| 288-324-001 | Filter holder | |
| 288-325-001 | Honeycomb filter | |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 103,5 B 227 (mm)





Zylinder 4000

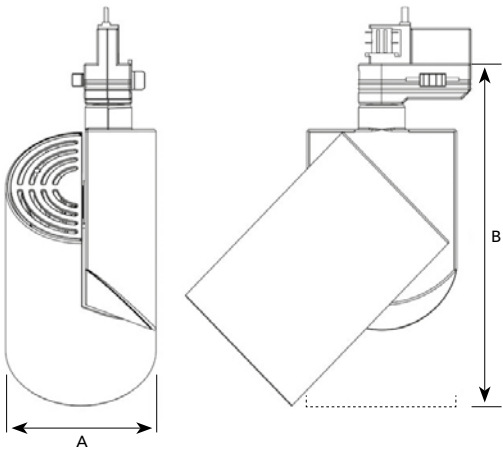
Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflectors with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.91 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |



| Spot | | Medium | | Flood | | Wide Flood | |
|------|------|--------|------|-------|------|------------|------|
| 14° | | 25° | | 37° | | 57° | |
| m | ø | m | ø | m | ø | m | ø |
| 1.0 | 0.25 | 1.0 | 0.44 | 1.0 | 0.68 | 1.0 | 1.08 |
| 2.0 | 0.51 | 2.0 | 0.88 | 2.0 | 1.35 | 2.0 | 2.15 |
| 3.0 | 0.76 | 3.0 | 1.32 | 3.0 | 2.03 | 3.0 | 3.23 |



A 103,5 B 227 (mm)

| Art no (EU) | Description | Color |
|-------------|------------------|-------|
| 288-510-10 | Spot | White |
| 288-510-20 | Spot | Black |
| 288-510-30 | Spot | Grey |
| 288-511-10 | Medium | White |
| 288-511-20 | Medium | Black |
| 288-511-30 | Medium | Grey |
| 288-512-10 | Flood | White |
| 288-512-20 | Flood | Black |
| 288-512-30 | Flood | Grey |
| 288-513-10 | Wide Flood | White |
| 288-513-20 | Wide Flood | Black |
| 288-513-30 | Wide Flood | Grey |
| 288-220-001 | Flaps kit | |
| 288-324-001 | Filter holder | |
| 288-325-001 | Honeycomb filter | |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Zylinder mini 1500

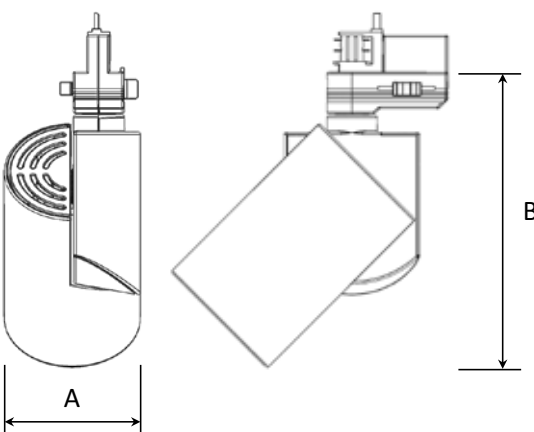
Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.
Accessories Flaps kit
Area of use Track light for indoor applications.

| Technical data | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.67 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/90° |
| Start time | Instant |
| Driver | Built in |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |



| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 18° | | 31° | | 42° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.32 | 1.0 | 0.56 | 1.0 | 0.78 |
| 2.0 | 0.64 | 2.0 | 1.12 | 2.0 | 1.55 |
| 3.0 | 0.96 | 3.0 | 1.68 | 3.0 | 2.33 |

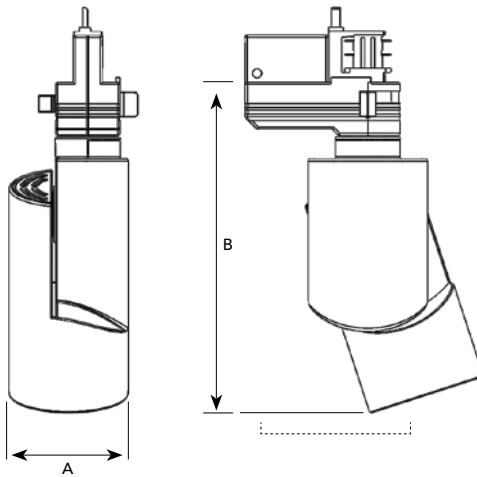
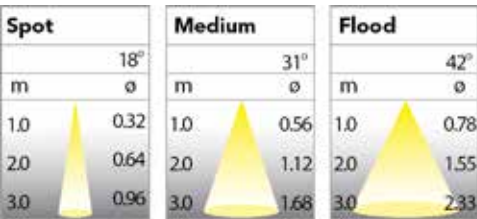


A 87 B 190 (mm)

| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 298-500-10 | Spot | White |
| 298-500-20 | Spot | Black |
| 298-500-30 | Spot | Grey |
| 298-501-10 | Medium | White |
| 298-501-20 | Medium | Black |
| 298-501-30 | Medium | Grey |
| 298-502-10 | Flood | White |
| 298-502-20 | Flood | Black |
| 298-502-30 | Flood | Grey |
| 298-210-100-xx* | Flaps kit | |
| 298-314-001 | Filter holder | |
| 298-315-001 | Honeycomb filter | |

Note
*Art nr. xx = Depends on beamspread and colour choice.
Product available in other Kelvin temperatures by request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 87 B 190 (mm)

Zylinder mini 2000

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Accessories Flaps kit.

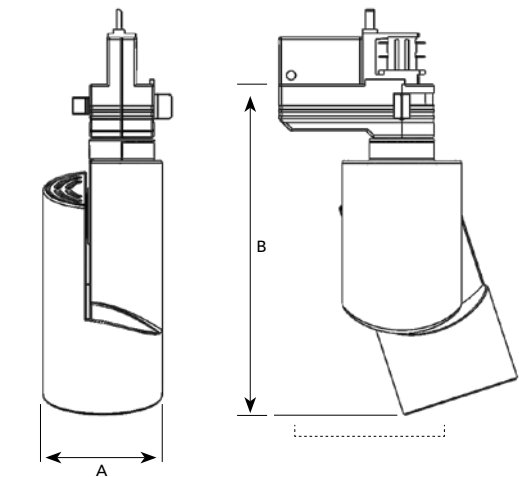
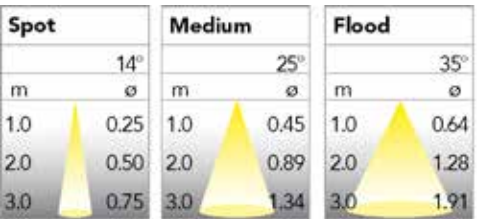
Area of use Track light for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.67 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/90° | |
| Start time | Instant | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

| Art no (EU) | Description | Color |
|-----------------|------------------|-------|
| 298-510-10 | Spot | White |
| 298-510-20 | Spot | Black |
| 298-510-30 | Spot | Grey |
| 298-511-10 | Medium | White |
| 298-511-20 | Medium | Black |
| 298-511-30 | Medium | Grey |
| 298-512-10 | Flood | White |
| 298-512-20 | Flood | Black |
| 298-512-30 | Flood | Grey |
| 298-210-100-xx* | Flaps kit | |
| 298-314-001 | Filter holder | |
| 298-315-001 | Honeycomb filter | |

Note
*Art nr. xx = Depends on beamspread and colour choice.
Product available in other Kelvin temperatures by request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used. North American versions also available.

For latest performance data please download datasheet from www.nordiclight.com



A 60 B 166 (mm)

Zylinder micro 1200

Technical specification
Track light with incorporated electronic gear and Chip on board. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Black front ring.

Model and colors Available in white, black and grey.

Area of use Track light for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.4 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/90° | |
| Start time | Instant | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 305-500-10 | Spot | White |
| 305-500-20 | Spot | Black |
| 305-500-30 | Spot | Grey |
| 305-501-10 | Medium | White |
| 305-501-20 | Medium | Black |
| 305-501-30 | Medium | Grey |
| 305-502-10 | Flood | White |
| 305-502-20 | Flood | Black |
| 305-502-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures by request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Track system

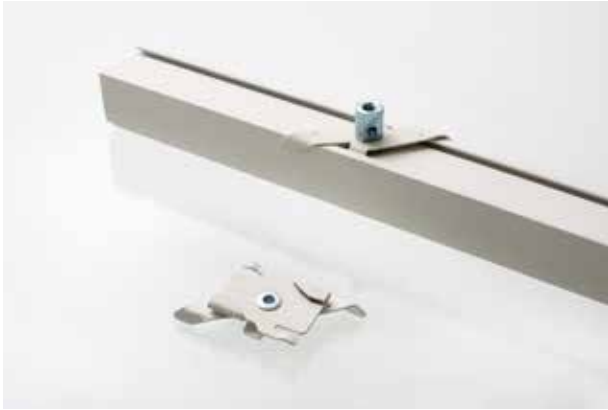
To get you right back on track and based on our customers' feedback, we have developed the NL Power Track System which will work with our track lights to ensure compatibility with both previous and future systems.



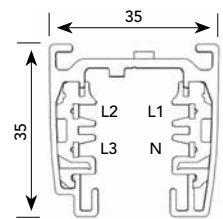
NLP 3-Circuit track system, standard

Technical Specification

NLP 3-Circuit track system. Termoplastic connectors in white, black or grey. Metal accessories also in white, black, or grey. Tracks supplied in papercover. Copper-leads nickle-plated for maximum protection against oxidization of leads. Knockout holes in track for direct to surface installation or via different ceiling brackets. Appovedby SEMKO with CB-certificate.



NLP 3-Circuit track system, standard



| | | | |
|-----------------------------------|----------|---------|----------|
| Track | | | |
| 047-25 | 1 000 mm | 047-258 | 2 390 mm |
| 047-358 | 1 610 mm | 047-27 | 3 000 mm |
| 047-26 | 2 000 mm | 047-28 | 4 000 mm |
| General info. | | | |
| Protection IP20 | | | |
| 16 A /400 V | | | |
| Parts marked with * are feedable. | | | |
| Standard colors, -XX | | | |
| 10 White, RAL 9010 | | | |
| 20 Black, Sample plates available | | | |
| 30 Grey, Sample plates available | | | |

| | | |
|--|---|---|
| 047-11 End Cover | 047-201 X Connector | 047-202/047-302 T-Connector, Left*/Reverse* |
| 047-203/047-303 T-Connector, Right*/Reverse* | 047-204/047-304 L-Connector*/Reverse* | 047-205 Middle Connector* |
| 047-206 End feed, Left* | 047-207 End feed, Right* | 047-264 Flex 60 Connector* |
| 047-209 Mini-Connector | 047-255 Flexible Connector | |



NLP 3-Circuit track system, standard

Suspension Parts

Suspending a track can be done in two ways with wire or rod.

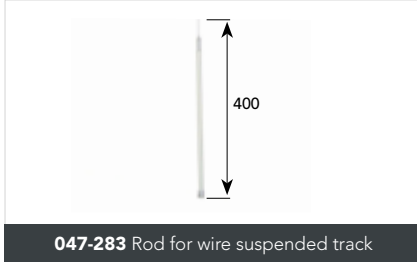
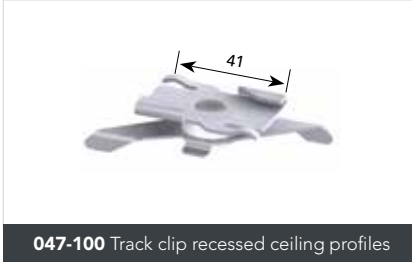
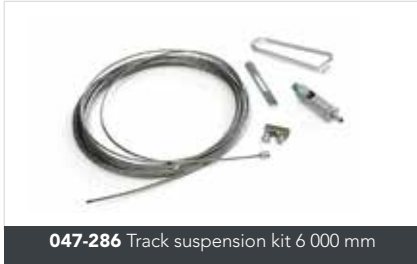
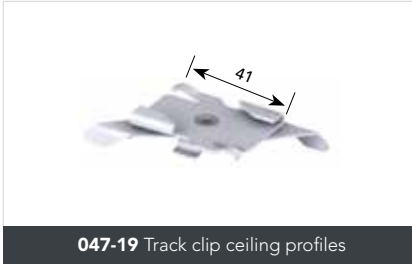
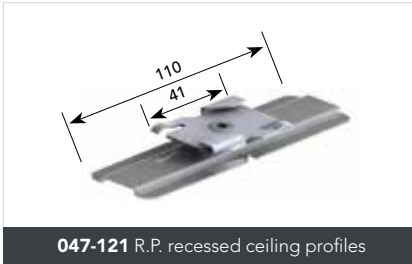


Acoustic ceiling Parts

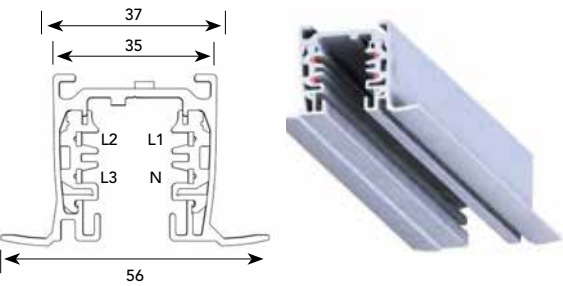
These parts are used for installing the track system into a architect ceiling.



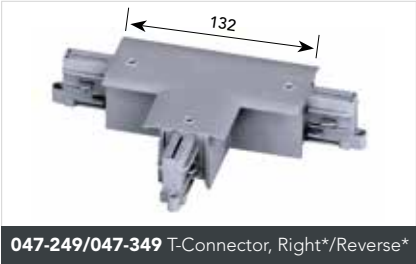
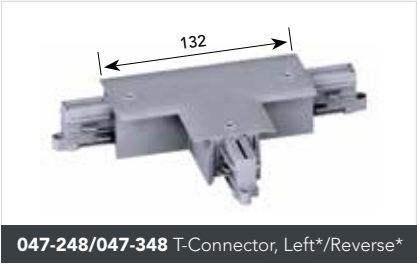
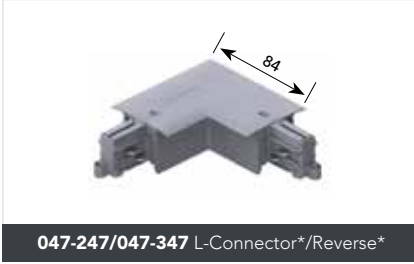
Others



NLP 3-Circuit track system, recessed

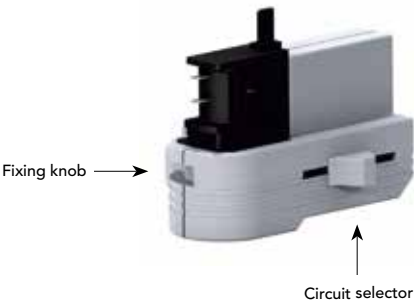


| | | | |
|-----------------------------------|----------|---------|----------|
| Track | | | |
| 047-39 | 1 000 mm | 047-268 | 2 390 mm |
| 047-368 | 1 610 mm | 047-37 | 3 000 mm |
| 047-38 | 2 000 mm | 047-36 | 4 000 mm |
| General info. | | | |
| Protection IP20 | | | |
| 16 A /400 V | | | |
| Parts marked with * are feedable. | | | |
| Standard colors, -XX | | | |
| 10 White, RAL 9010 | | | |
| 20 Black, Sample plates available | | | |
| 30 Grey, Sample plates available | | | |





NLP 3-Circuit track system, good to know



3-Circuit Adapter. New version, rotatable 360°
The adapter is factory installed on the track fixtures. It is used to connect the fixture to the NLP 3-circuit track system. The adapter also suits the majority of other 3-circuit track systems. Check with Nordic Light. Track adapter is not sold separately.

- Installation:**
- 1. Push the adapter into the track
 - 2. Turn the fixing knob clockwise
 - 3. Select the desired phase on the circuit selector switch.
- To remove the adapter from the track reverse the installation steps.

Ratings:
3 A, 220-240 V
IP 20
Max load: 50 N



Monopoint
The monopoint is used for installing a track light without a track. The monopoint can be used in combination with the 3-Circuit adapter.

- 27009 Monopoint, White
- 27010 Monopoint, Black
- 27011 Monopoint, Grey
- 047-320-10 Recessed holder, White
- 047-320-20 Recessed holder, Black
- 047-320-30 Recessed holder, Grey

Ratings:
3 A, 220-240 V
IP 20
Max load: 50 N



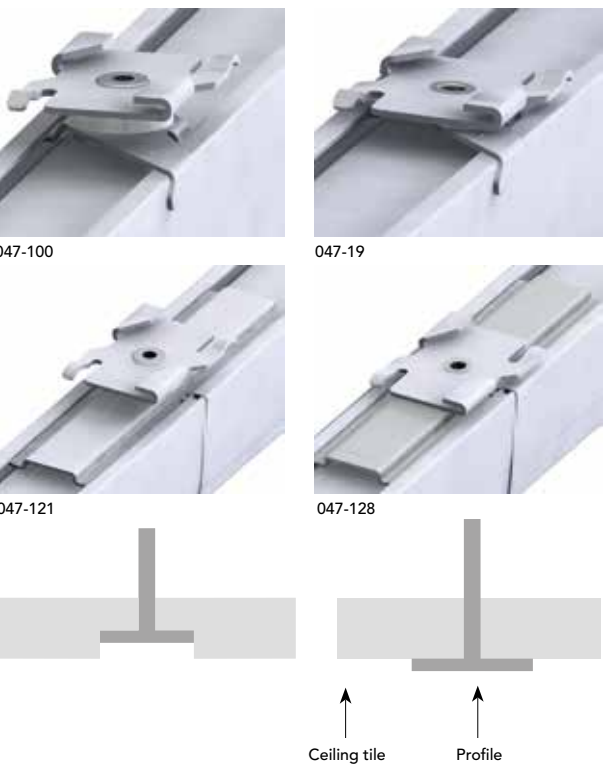
Suspension Parts
Suspending a track can be done in two ways with wire or rod. Use 047-180 or 047-181 for this type of suspension.

Wire: Thread the wire through the hole in the track clip and band it back up through the wire lock. Secure the wire with the screws.
Rod: Thread the rod into the 047-181, the rod should have M6 threads. **Screw:** 047-76 or 047-93 can be used to fasten the track directly into the framework with a screw.
To stabilize track on wire from tilting, use rod for wire suspension track system to fixate the track 047-283.

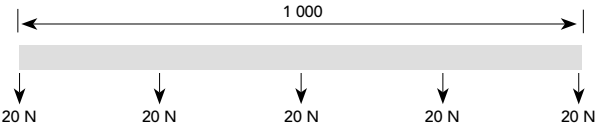
Wire suspension type MaseTek to suspend fixed loads such as track systems.



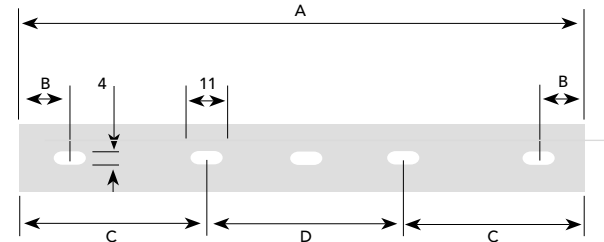
NLP 3-Circuit track system, good to know



Acoustic ceiling parts
These parts are used for installing the track system into a acoustic ceiling. There are two main types of acoustic ceilings, one with recessed profile (1) and one non recessed (2), choose mounting accessories according to ceiling type.



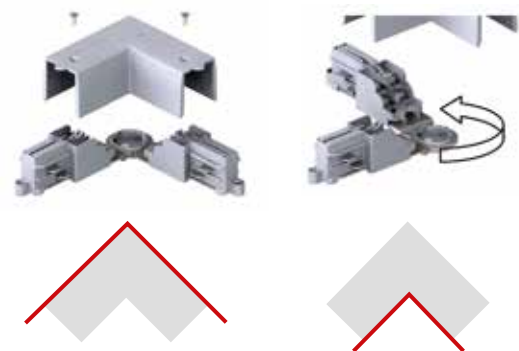
Load and fastening
Maximum distance allowed between each fastening point is 2 m. The maximum load on the track is 10 kg.
For 1 m track the maximum load is thus 10 kg.



| A (mm) | B (mm) | C (mm) | D (mm) |
|--------|--------|--------|--------|
| 4 000 | 152 | 1 195 | 1 603 |
| 2 390 | 152 | 1 195 | - |
| 1 610 | 152 | - | - |



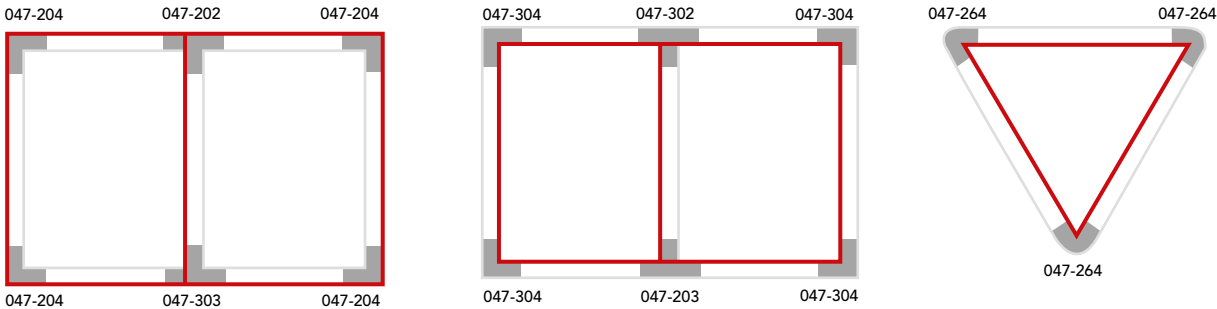
NLP 3-Circuit track system, good to know



- To change the L connector neutral side.**
1. At first the connector has the neutral on the inside or outside
To change to the other side unscrew the two screws and remove the cover.
 2. Turn one the connecting sides 180 degrees and assemble the cover. Now the connector is reverse.

T Connectors can also be changed in the same manner.

The track system seen from above.



General comments on planning track systems.

1. Never supply the power to the track at several locations.
2. Make sure that the track is straight both horizontal and vertical before powering on.

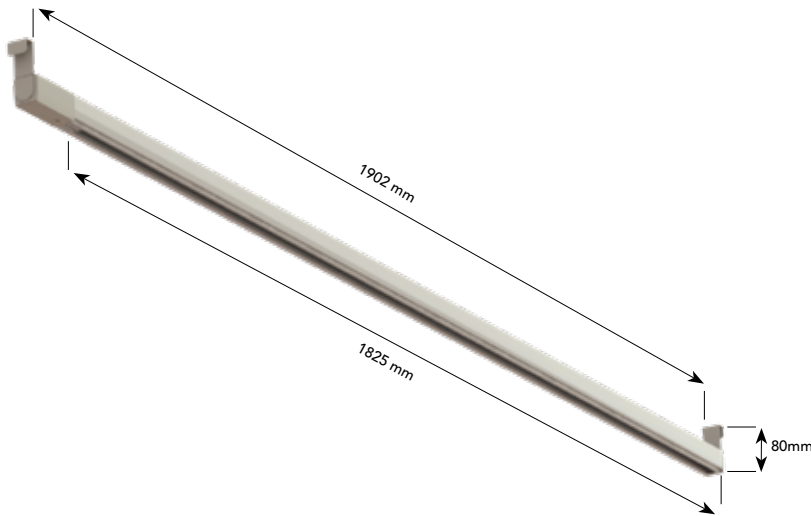
The red line indicates the neutral position.

Track with hook bracket and power supply cable

- 047-561-10 M2000
- 047-562-10 M1800

Technical specification

- Max electrical load: 240V, 10A
- Max weight load: 5 kg/meter
- Max length: 2000 mm



NLP 3-Circuit track system, examples



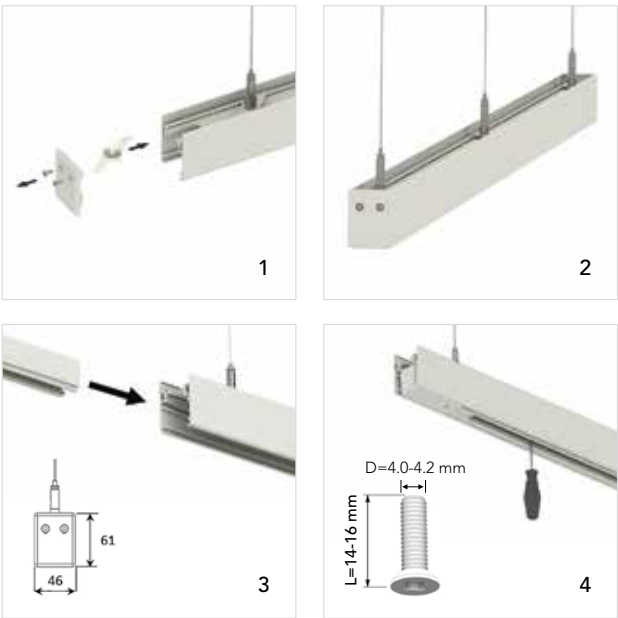
| Straight track, suspended | | Qty |
|---------------------------|-------------------------|-----|
| Articles | | |
| 047-28 | Track 4 000 mm | 2 |
| 047-206 | End feed | 1 |
| 047-209 | Mini connector | 1 |
| 047-11 | End Cover | 1 |
| 047-273 | Track suspension | 7 |
| 047-181 | RF plate for wire/rod | 1 |
| 047-180 | Track clip for wire/rod | 6 |



| Straight track, Acoustic ceiling | | Qty |
|----------------------------------|-----------------------------|-----|
| Articles | | |
| 047-28 | Track 4 000 mm | 2 |
| 047-206 | End feed | 1 |
| 047-209 | Mini connector | 1 |
| 047-11 | End Cover | 1 |
| 047-128 | RF plate ceiling profiles | 1 |
| 047-180 | Track clip ceiling profiles | 6 |



| Straight track, Recessed | | Qty |
|--------------------------|----------------|-----|
| Articles | | |
| 047-36 | Track 4 000 mm | 2 |
| 047-245 | End feed | 1 |
| 047-209 | Mini connector | 1 |
| 047-11 | End Cover | 1 |

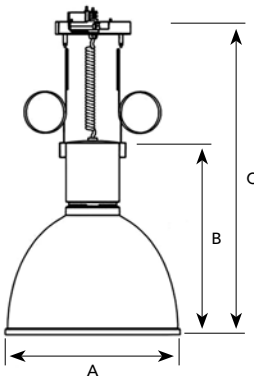
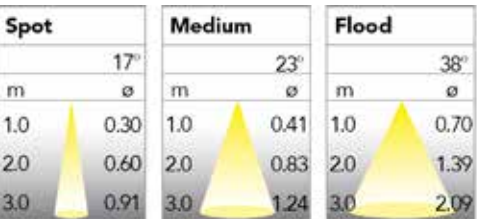


- Track casing**
- 047-500 Track 2 390 mm
- Long track casing used for covering of the Nordic Light standard tracks.
1. Use the wire suspension kits enclosed. Remove the end cover from the track casing. Slide in the suspensions from the end of the Track casing.
 2. Use 3 suspension points per Track section (2 390 mm) Important: The maximum load on each suspension is 20 kg. Do not exceed this load at any time.
 3. The track casing is only for use with Nordic Light 3 circuit power track Type 047-***. Slide the power track into the Track casing from the end of the track casing. ATTENTION: The power track and the track casing are asymmetric. Check that the holes in the power track and the screw tower channel in the track casing is located in line with each other. If not, turn the power track the opposite way.
 4. Screw the power track to the Track casing using one screw in every knock out hole in top of the power track. Use only screw of type M4 or ISO 7050, with Diameter 4.0-4.2 mm and the length 14-16 mm.



Pendant lights

For the creative light. A good lighting atmosphere uses many types of lighting fixtures. To help you create a special atmosphere, spatial areas require different fixture sizes. Sometimes you need this to provide the best ambiance in your design.



A 424 B 480 C 600 (mm)

Globe 3000

Technical specification
Pendulum with incorporated electronic gear for LED lamps.
High quality lenses with different beam spreads.

Model and colors Lampshade available in brushed aluminium. Mounting for monopoint or track. Cable always in black. Extendable cable 6m.

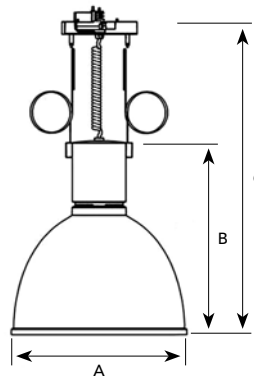
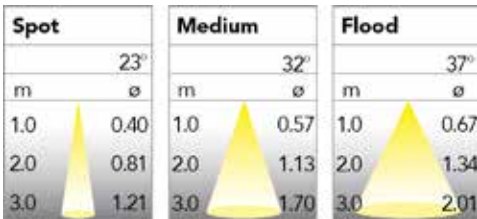
Area of use Pendant light for indoor applications.

| Technical data | |
|-----------------------|---------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 4.43 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Built in |
| Optics | Transparent Polycarbonate |
| Beam spreads | Spot, Medium, Flood |

| Art no (EU) | Description | Color |
|-------------|------------------------|-----------|
| 221-530-20 | Spot | Black |
| 221-530-32 | Spot | Dark Grey |
| 221-531-20 | Medium | Black |
| 221-531-32 | Medium | Dark Grey |
| 221-532-20 | Flood | Black |
| 221-532-32 | Flood | Dark Grey |
| 054-70-10 | Monopoint with Bracket | White |
| 054-70-20 | Monopoint with Bracket | Black |
| 054-70-30 | Monopoint with Bracket | Grey |
| 054-71-10 | Track bracket | White |
| 054-71-20 | Track bracket | Black |

Note
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used. Special versions can also be produced depending on quantity. North American versions also available.

For latest performance data please download datasheet from www.nordiclight.com



A 424 B 480 C 600 (mm)

Globe 4000

Technical specification
Pendulum with incorporated electronic gear for LED lamps.
High quality lenses with different beam spreads.

Model and colors Lampshade available in brushed aluminium. Mounting for monopoint or track. Cable always in black. Extendable cable 6m.

Area of use Pendulum for indoor applications.

| Technical data | |
|-----------------------|---------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 4.43 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Built in |
| Optics | Transparent Polycarbonate |
| Beam spreads | Spot, Medium, Flood |

| Art no (EU) | Description | Color |
|-------------|------------------------|-----------|
| 221-540-20 | Spot | Black |
| 221-540-32 | Spot | Dark Grey |
| 221-541-20 | Medium | Black |
| 221-541-32 | Medium | Dark Grey |
| 221-542-20 | Flood | Black |
| 221-542-32 | Flood | Dark Grey |
| 054-70-10 | Monopoint with Bracket | White |
| 054-70-20 | Monopoint with Bracket | Black |
| 054-70-30 | Monopoint with Bracket | Grey |
| 054-71-10 | Track bracket | White |
| 054-71-20 | Track bracket | Black |

Note
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used. Special versions can also be produced depending on quantity. North American versions also available..

For latest performance data please download datasheet from www.nordiclight.com



Globe mini 3000

Technical specification

Pendant light with incorporated electronic gear for LED lamps. High quality reflector with different beam spreads.

Model and colors Available in black shade with aluminium.

Area of use Pendant light for indoor applications.

Technical data

| | |
|-----------------------|-----------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 2.8 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Built in |
| Optics | Opaque diffuser/Optic lense |
| Beam spreads | Spot, Medium, Flood |

| Art no (EU) | Description | Color |
|-------------|-------------|------------|
| 304-520-20 | Spot | Aluminium |
| 304-531-20 | Medium | Aluminium |
| 304-532-20 | Flood | Aluminium |
| 304-540-20 | Spot | Black/gold |
| 304-541-20 | Medium | Black/gold |
| 304-542-20 | Flood | Black/gold |

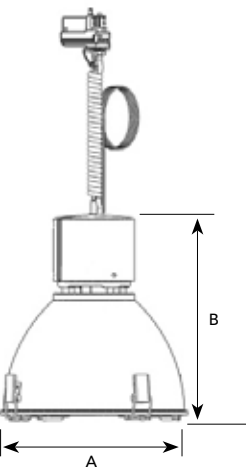
Note

Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used. Special versions can also be produced depending on quantity.

For latest performance data please download datasheet from www.nordiclight.com



| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 16° | | 25° | | 34° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.28 | 1.0 | 0.44 | 1.0 | 0.62 |
| 2.0 | 0.56 | 2.0 | 0.88 | 2.0 | 1.24 |
| 3.0 | 0.83 | 3.0 | 1.32 | 3.0 | 1.86 |



A 304 B 326 (mm)



Globe 24L Maxi

Technical specification

Pendant light with incorporated electronic gear for LED lamps. High quality reflector with different beam spreads.

Model and colors Available in black shade with aluminium.

Area of use Pendant light for indoor applications.

Technical data

| | |
|-----------------------|---------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 8.9 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000/4000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Built in |
| Optics | Transparent polycarbonate |
| Beam spreads | Spot, Medium, Flood |

| Art no (EU) | Description | Color |
|-------------|---------------------|-----------|
| 221-507-20 | Spot | Black |
| 221-507-32 | Spot | Dark grey |
| 221-506-20 | Medium | Black |
| 221-506-32 | Medium | Dark grey |
| 221-508-20 | Flood | Black |
| 221-508-32 | Flood | Dark grey |
| 054-70-10 | Monopoint w bracket | White |
| 054-70-20 | Monopoint w bracket | Black |
| 054-70-30 | Monopoint w bracket | Grey |
| 054-71-10 | Monopoint w bracket | White |
| 054-71-20 | Monopoint w bracket | Black |

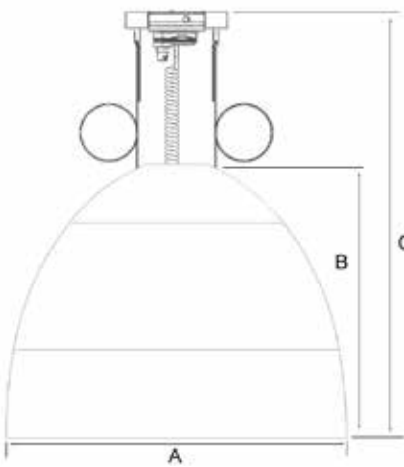
Note

Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used. Special versions can also be produced depending on quantity.

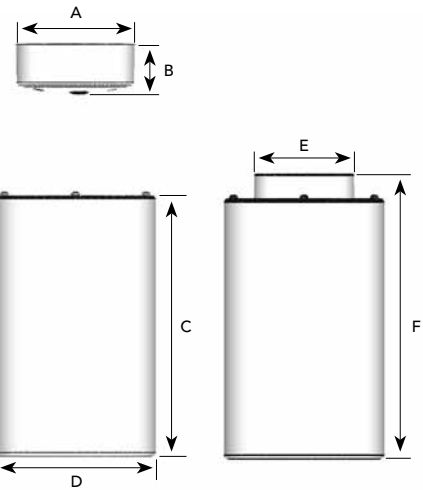
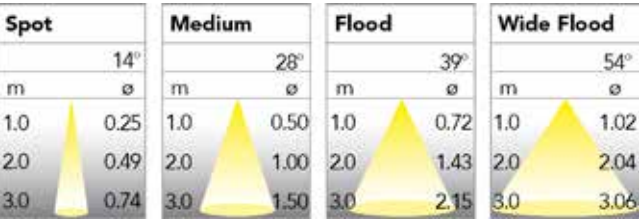
For latest performance data please download datasheet from www.nordiclight.com



| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 12° | | 31° | | 50° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.22 | 1.0 | 0.56 | 1.0 | 0.94 |
| 2.0 | 0.43 | 2.0 | 1.12 | 2.0 | 1.87 |
| 3.0 | 0.65 | 3.0 | 1.68 | 3.0 | 2.81 |



A 600 B 483 C 600 (mm)



A 117 B 49 C 256 D 159 E 99 F 281 (mm)

Pendix COB 3000

Technical specification
Pendulum for LED lamps. High quality cylindrical reflector with Spot, Medium, Flood or Wide Flood beam spread. Housing of sheet metal.

Model and colors Available in white, black or grey. Cable length 4m.

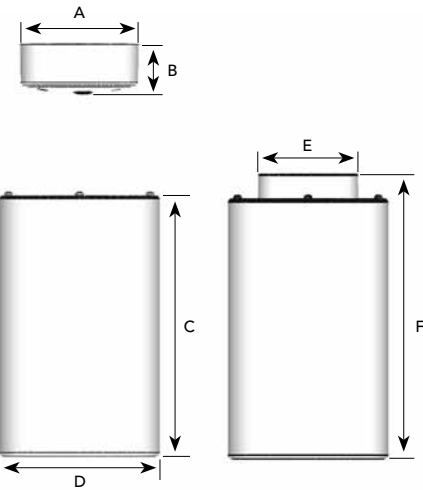
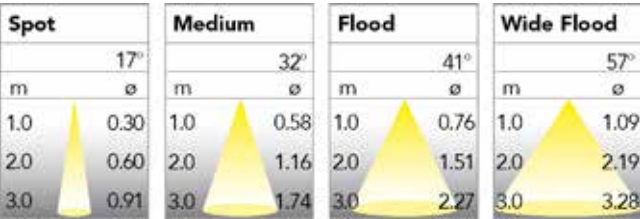
Area of use Pendant for wire or ceiling mounting.

Technical data
Mains (input) voltage 220-240 V
Total weight 2.5 kg
Form of protection IP 20, class I
Color temperature 3000 K
Light source LED
Operating position Vertical
Driver Electronic, built in
Optics Metalized aluminum reflector
Beam spreads Spot, Medium, Flood, Wide flood

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 290-510-10 | Spot | White |
| 290-510-20 | Spot | Black |
| 290-510-30 | Spot | Grey |
| 290-511-10 | Medium | White |
| 290-511-20 | Medium | Black |
| 290-511-30 | Medium | Grey |
| 290-512-10 | Flood | White |
| 290-512-20 | Flood | Black |
| 290-512-30 | Flood | Grey |
| 290-513-10 | Wide flood | White |
| 290-513-20 | Wide flood | Black |
| 290-513-30 | Wide flood | Grey |

Note
*Product available with meat or bread COB.
Final shipping destination may require minor modifications of components as well as catalogue numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 117 B 49 C 256 D 159 E 99 F 281 (mm)

Pendix COB 4000

Technical specification
Pendulum for LED lamps. High quality cylindrical reflector with Spot, Medium, Flood or Wide Flood beam spread. Housing of sheet metal.

Model and colors Available in white, black or grey. Cable length 4m.

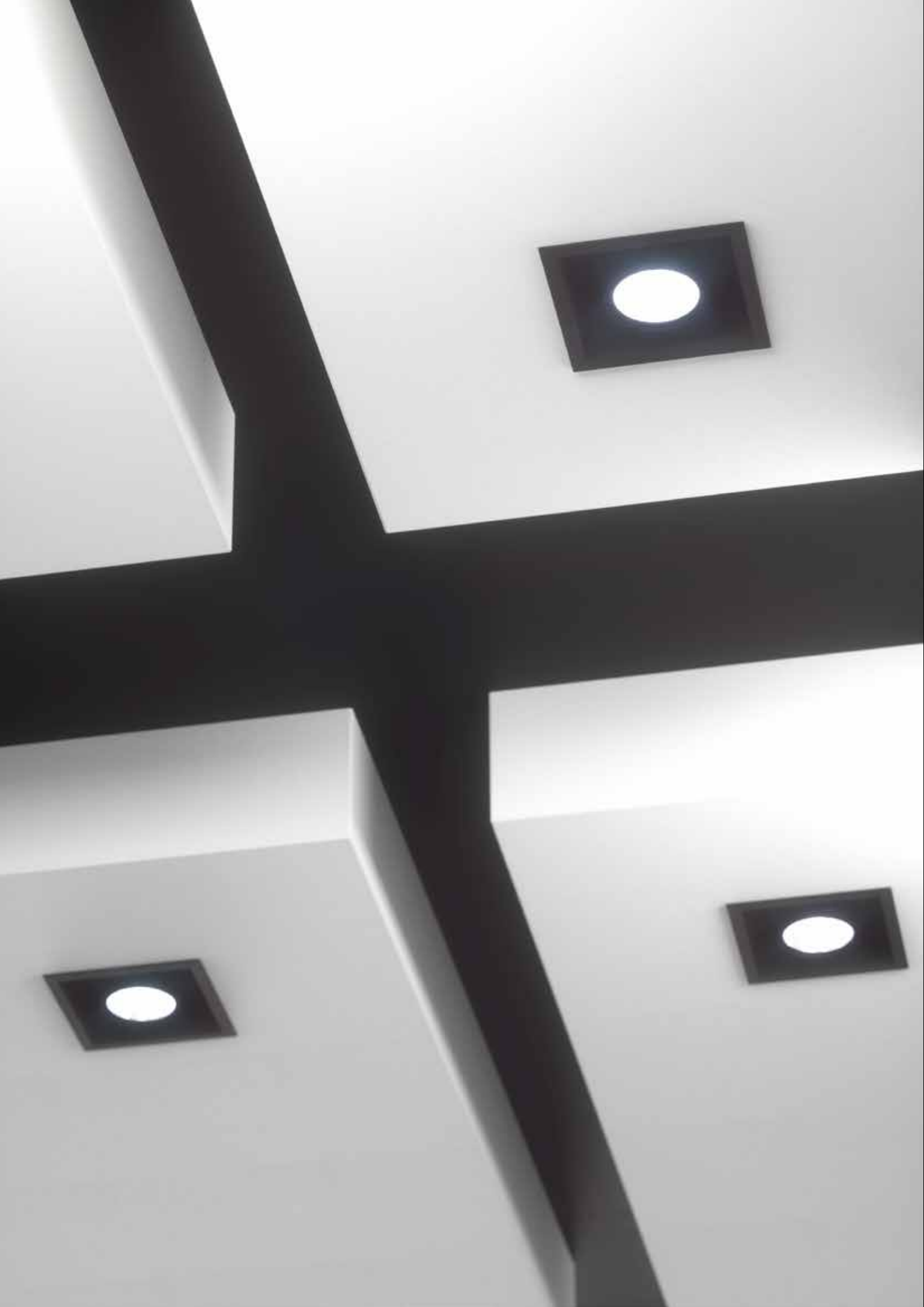
Area of use Pendant for wire or ceiling mounting.

Technical data
Mains (input) voltage 220-240 V
Total weight 2.5 kg
Form of protection IP 20, class I
Color temperature 3000 K
Light source LED
Operating position Vertical
Driver Electronic, built in
Optics Metalized aluminum reflector
Beam spreads Spot, Medium, Flood, Wide flood

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 290-530-10 | Spot | White |
| 290-530-20 | Spot | Black |
| 290-530-30 | Spot | Grey |
| 290-531-10 | Medium | White |
| 290-531-20 | Medium | Black |
| 290-531-30 | Medium | Grey |
| 290-532-10 | Flood | White |
| 290-532-20 | Flood | Black |
| 290-532-30 | Flood | Grey |
| 290-533-10 | Wide flood | White |
| 290-533-20 | Wide flood | Black |
| 290-533-30 | Wide flood | Grey |

Note
*Product available with meat or bread COB.
Final shipping destination may require minor modifications of components as well as catalogue numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Down lights

Nordic Light offers a wide range of recessed fixtures designed for the retail market. Our in-house innovations lead the market in color rendering and in energy efficient reliable design.



Amber 3000

Technical specification
Retractable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of diecast aluminium for optimal cooling and low weight.

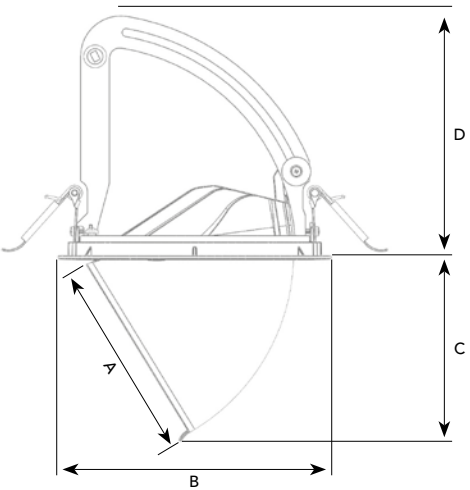
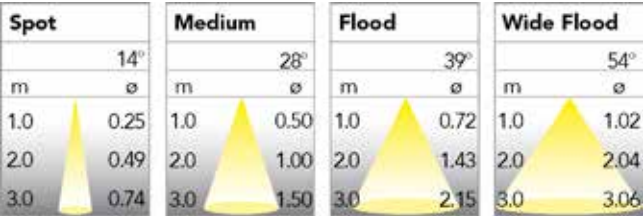
Model and colors Available in white, black and grey.

Accessories Support plate.

Area of use Down light for indoor ambient lighting.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.92 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 360°/60° |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|---------------|-------|
| 282-500-10 | Spot | White |
| 282-500-20 | Spot | Black |
| 282-500-30 | Spot | Grey |
| 282-501-10 | Medium | White |
| 282-501-20 | Medium | Black |
| 282-501-30 | Medium | Grey |
| 282-502-10 | Flood | White |
| 282-502-20 | Flood | Black |
| 282-502-30 | Flood | Grey |
| 282-503-10 | Wide flood | White |
| 282-503-20 | Wide flood | Black |
| 282-503-30 | Wide flood | Grey |
| 168-25 | Support frame | - |



A ø123 B ø170 C 115,5 D 150 (mm) Saw instruction: ø 160 mm



Amber 4000

Technical specification
Retractable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of diecast aluminium for optimal cooling and low weight.

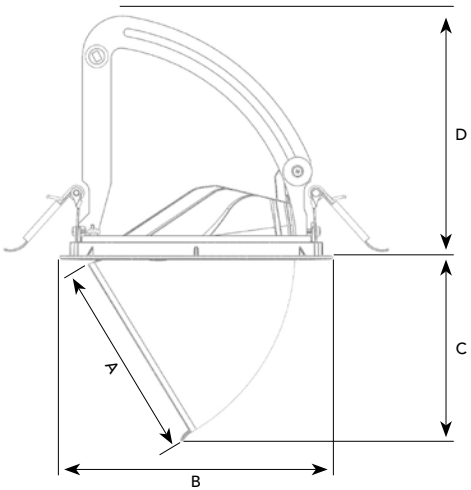
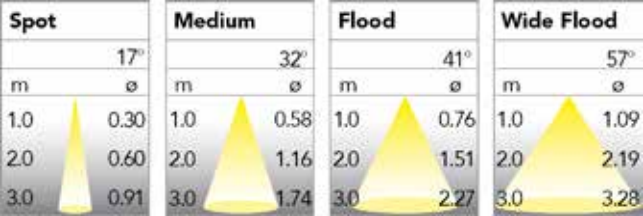
Model and colors Available in white, black and grey.

Accessories Support plate.

Area of use Down light for indoor ambient lighting.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.92 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 360°/60° |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|---------------|-------|
| 282-510-10 | Spot | White |
| 282-510-20 | Spot | Black |
| 282-510-30 | Spot | Grey |
| 282-511-10 | Medium | White |
| 282-511-20 | Medium | Black |
| 282-511-30 | Medium | Grey |
| 282-512-10 | Flood | White |
| 282-512-20 | Flood | Black |
| 282-512-30 | Flood | Grey |
| 282-513-10 | Wide flood | White |
| 282-513-20 | Wide flood | Black |
| 282-513-30 | Wide flood | Grey |
| 168-25 | Support frame | - |



A ø123 B ø170 C 115,5 D 150 (mm) Saw instruction: ø 160 mm

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Amber 3000/4000, Oval Reflector

Technical specification

Retractable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality Oval beam reflector, which reduces the hotspot and reduces the risk of damaging the meat and sensitive fresh food items. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.

Accessories Support plate

Area of use Down light for indoor applications.

Technical data

| | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.92 kg |
| Form of protection | IP 20, class III |
| Color temperature | 2000-5000 K |
| Light source | LED |
| Operating position | 360°/60° |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Oval |

| Art no (EU) | Description | Color |
|-------------|-----------------------|-------|
| 282-731-10 | Oval reflector 3000lm | White |
| 282-731-20 | Oval reflector 3000lm | Black |
| 282-731-30 | Oval reflector 3000lm | Grey |
| 282-733-10 | Oval reflector 4000lm | White |
| 282-733-20 | Oval reflector 4000lm | Black |
| 282-733-30 | Oval reflector 4000lm | Grey |
| 168-25 | Support plate | - |

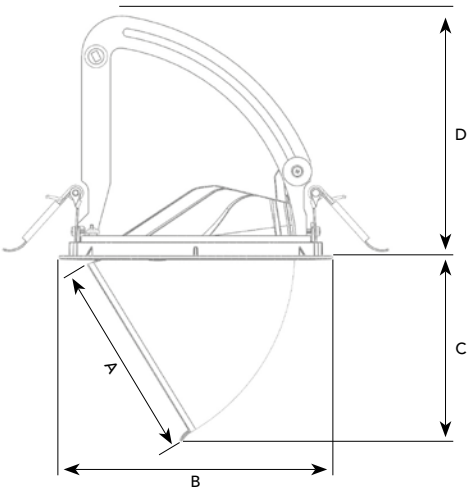
Note

Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Oval | |
|---------|------|
| 60°/40° | |
| m | Ø |
| 1.0 | 1.13 |
| 2.0 | 2.25 |
| 3.0 | 3.38 |



A Ø123 B Ø170 C 115,5 D 150 (mm)



Saw instruction: Ø 160 mm



Amber mini 1500

Technical specification

Retractable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of diecast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.

Area of use Down light for indoor applications.

Technical data

| | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.55 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/60° |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 296-500-10 | Spot | White |
| 296-500-20 | Spot | Black |
| 296-500-30 | Spot | Grey |
| 296-501-10 | Medium | White |
| 296-501-20 | Medium | Black |
| 296-501-30 | Medium | Grey |
| 296-502-10 | Flood | White |
| 296-502-20 | Flood | Black |
| 296-502-30 | Flood | Grey |

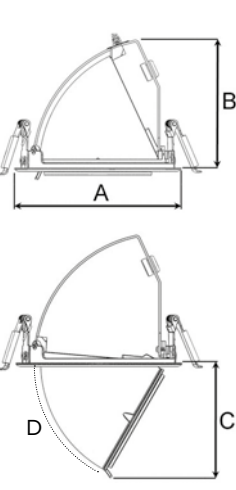
Note

Product available in other Kelvin temperatures on request. Product available with DALI option on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



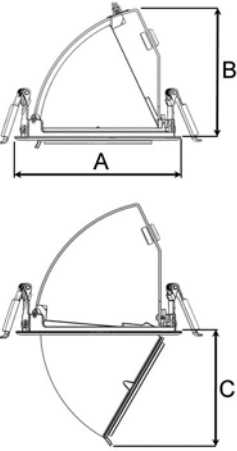
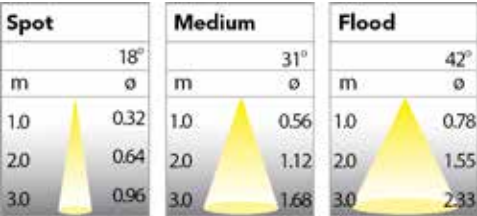
| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 18° | | 31° | | 42° | |
| m | Ø | m | Ø | m | Ø |
| 1.0 | 0.32 | 1.0 | 0.56 | 1.0 | 0.78 |
| 2.0 | 0.64 | 2.0 | 1.12 | 2.0 | 1.55 |
| 3.0 | 0.96 | 3.0 | 1.68 | 3.0 | 2.33 |



A 131 B 101 C 114 D 92 (mm)



Saw instruction: Ø 124 mm



A 131 B 101 C 114 (mm) Saw instruction: ø 124 mm

Amber mini 2000

Technical specification
Retractable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of diecast aluminium for optimal cooling and low weight.

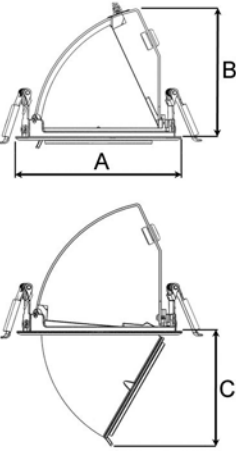
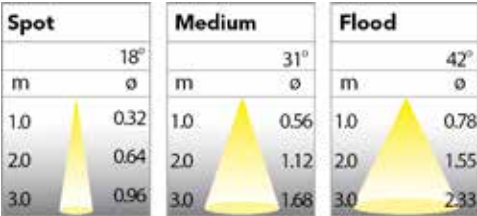
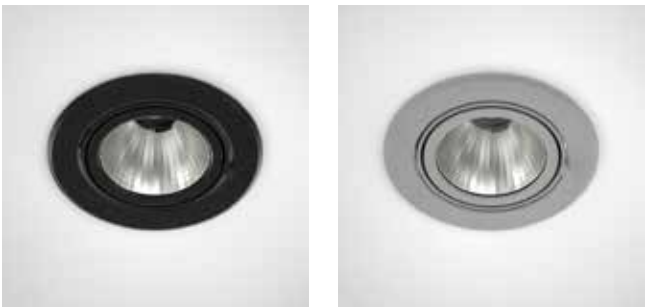
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.55 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/60° | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 296-510-10 | Spot | White |
| 296-510-20 | Spot | Black |
| 296-510-30 | Spot | Grey |
| 296-511-10 | Medium | White |
| 296-511-20 | Medium | Black |
| 296-511-30 | Medium | Grey |
| 296-512-10 | Flood | White |
| 296-512-20 | Flood | Black |
| 296-512-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Product available with DALI option on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 131 B 101 C 114 (mm) Saw instruction: ø 124 mm

Amber mini 2500

Technical specification
Retractable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of diecast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.55 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/60° | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 296-545-10 | Spot | White |
| 296-545-20 | Spot | Black |
| 296-545-30 | Spot | Grey |
| 296-546-10 | Medium | White |
| 296-546-20 | Medium | Black |
| 296-546-30 | Medium | Grey |
| 296-547-10 | Flood | White |
| 296-547-20 | Flood | Black |
| 296-547-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Product available with DALI option on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Fix I 3000

Technical specification
Recessed down light with fixed position of lamp house, chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

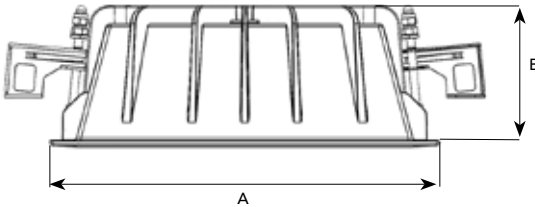
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.8 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 306-580-10 | Spot | White |
| 306-580-20 | Spot | Black |
| 306-580-30 | Spot | Grey |
| 306-581-10 | Medium | White |
| 306-581-20 | Medium | Black |
| 306-581-30 | Medium | Grey |
| 306-582-10 | Flood | White |
| 306-582-20 | Flood | Black |
| 306-582-30 | Flood | Grey |
| 306-583-10 | Wide flood | White |
| 306-583-20 | Wide flood | Black |
| 306-583-30 | Wide flood | Grey |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 202 B 70 (mm) Saw instruction: 177x191 mm



Fix I 4000

Technical specification
Recessed LED down light with fixed position of lamp house. Reflector with four different beam spreads. Black front ring.

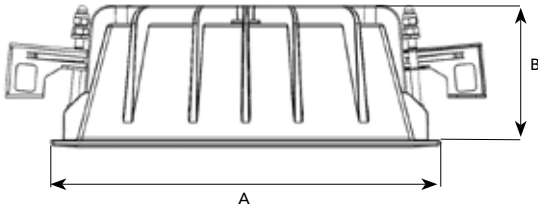
Model and colors White
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.8 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Separate |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 306-575-10 | Spot | White |
| 306-575-20 | Spot | Black |
| 306-575-30 | Spot | Grey |
| 306-576-10 | Medium | White |
| 306-576-20 | Medium | Black |
| 306-576-30 | Medium | Grey |
| 306-577-10 | Flood | White |
| 306-577-20 | Flood | Black |
| 306-577-30 | Flood | Grey |
| 306-578-10 | Wide flood | White |
| 306-578-20 | Wide flood | Black |
| 306-578-30 | Wide flood | Grey |

Note
Product available with meat or bread COB.
Final shipping destination may require minor modifications of components as well as catalogue numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 202 B 70 (mm) Saw instruction: 177x191 mm



Fix I 5000

Technical specification
Recessed LED down light with fixed position of lamp house.
Reflector with four different beam spreads. Black front ring.

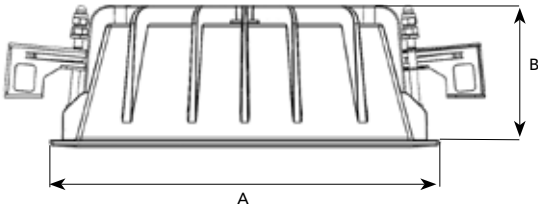
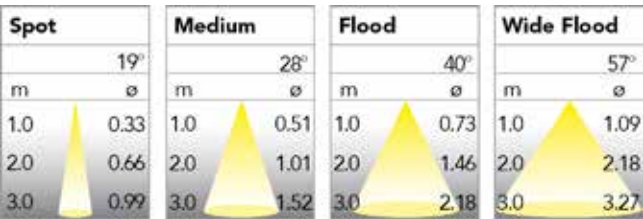
Model and colors White
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.8 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Separate |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 306-515-10 | Spot | White |
| 306-515-20 | Spot | Black |
| 306-515-30 | Spot | Grey |
| 306-516-10 | Medium | White |
| 306-516-20 | Medium | Black |
| 306-516-30 | Medium | Grey |
| 306-517-10 | Flood | White |
| 306-517-20 | Flood | Black |
| 306-517-30 | Flood | Grey |
| 306-518-10 | Wide flood | White |
| 306-518-20 | Wide flood | Black |
| 306-518-30 | Wide flood | Grey |

Note
Product available with meat or bread COB.
Final shipping destination may require minor modifications of components as well as catalogue numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 202 B 70 (mm) Saw instruction: 177x191 mm



Flex I/II 3000

Technical specification
Tiltable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

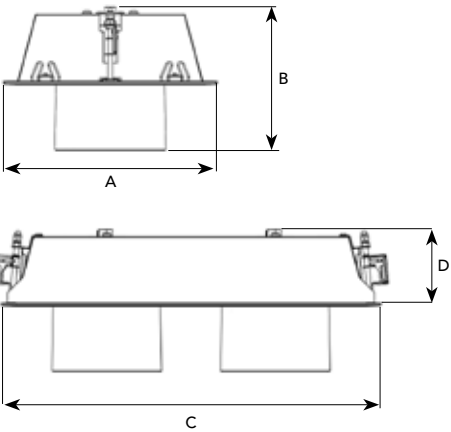
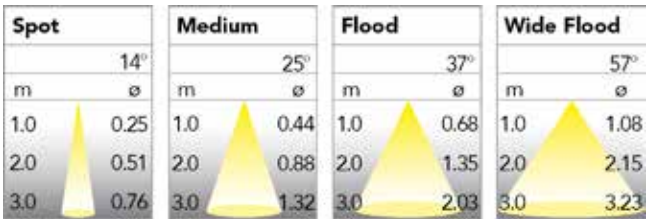
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.1/1.9 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/60° |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|---------------------|--------------------------------------|------------------------|
| 306-520-10 | Spot I | White |
| 306-520-20 | Spot I | Black |
| 306-520-30 | Spot I | Grey |
| 306-521-10 | Medium I | White |
| 306-521-20 | Medium I | Black |
| 306-521-30 | Medium I | Grey |
| 306-522-10 | Flood I | White |
| 306-522-20 | Flood I | Black |
| 306-522-30 | Flood I | Grey |
| 306-523-10 | Wide flood I | White |
| 306-523-20 | Wide flood I | Black |
| 306-523-30 | Wide flood I | Grey |
| 306-5xx-10, 20, 30* | Spot, Medium, Flood Wide flood II | White Black Grey |

Note
*xx= Depends on beam choices.
Product available with meat or bread COB on request. Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

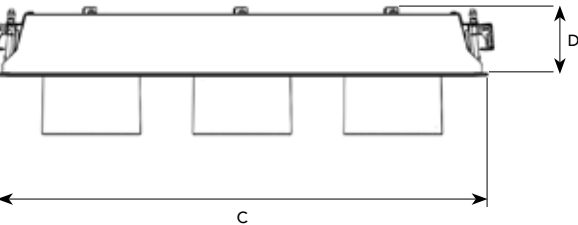
For latest performance data please download datasheet from www.nordiclight.com



A 202 B 135 C 363 D 70 (mm) Saw instruction: 191/352x177 mm



| Spot | Medium | Flood | Wide Flood |
|------|--------|-------|------------|
| 14° | 25° | 37° | 57° |
| m | m | m | m |
| ø | ø | ø | ø |
| 1.0 | 0.25 | 0.44 | 1.08 |
| 2.0 | 0.51 | 0.88 | 2.15 |
| 3.0 | 0.76 | 1.32 | 3.23 |



A 523 B 70 (mm) Saw instruction: 177x512 mm

Flex III 3000

Technical specification
Tilttable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 2.8 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | 360°/60° |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

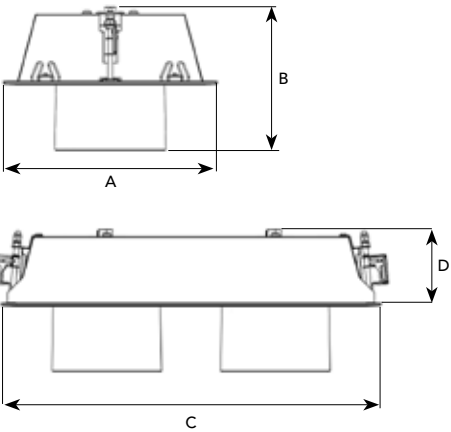
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 306-560-10 | Spot | White |
| 306-560-20 | Spot | Black |
| 306-560-30 | Spot | Grey |
| 306-561-10 | Medium | White |
| 306-561-20 | Medium | Black |
| 306-561-30 | Medium | Grey |
| 306-562-10 | Flood | White |
| 306-562-20 | Flood | Black |
| 306-562-30 | Flood | Grey |
| 306-568-10 | Wide Flood | White |
| 306-568-20 | Wide Flood | Black |
| 306-568-30 | Wide Flood | Grey |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Spot | Medium | Flood | Wide Flood |
|------|--------|-------|------------|
| 19° | 28° | 40° | 57° |
| m | m | m | m |
| ø | ø | ø | ø |
| 1.0 | 0.33 | 0.51 | 1.09 |
| 2.0 | 0.66 | 1.01 | 2.18 |
| 3.0 | 0.99 | 1.52 | 3.27 |



A 202 B 135 C 363 D 70 (mm) Saw instruction: 191/352x177 mm

Flex I/II 4000

Technical specification
Tilttable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey/white
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.1/1.9 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 360°/60° |
| Start time | Instant |
| Driver | Stand alone, included/Separate |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood/ Wide flood |

| Art no (EU) | Description | Color |
|---------------------|------------------------------------|------------------|
| 306-530-10 | Spot I | White |
| 306-530-200 | Spot I | Black |
| 306-530-30 | Spot I | Grey |
| 306-531-10 | Medium I | White |
| 306-531-20 | Medium I | Black |
| 306-531-30 | Medium I | Grey |
| 306-532-10 | Flood I | White |
| 306-532-20 | Flood I | Black |
| 306-532-30 | Flood I | Grey |
| 306-533-10 | Wide flood I | White |
| 306-533-20 | Wide flood I | Black |
| 306-533-30 | Wide flood I | Grey |
| 306-5xx-10, 20, 30* | Spot, Medium, Flood, Wide flood II | White Black Grey |

Note
* xx = Depends on beam choices.

Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Spot | Medium | Flood | Wide Flood |
|------|--------|-------|------------|
| 19° | 28° | 40° | 57° |
| m | m | m | m |
| ø | ø | ø | ø |
| 1.0 | 0.33 | 0.51 | 1.09 |
| 2.0 | 0.66 | 1.01 | 2.18 |
| 3.0 | 0.99 | 1.52 | 3.27 |

Flex III 4000

Technical specification
Tiltable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

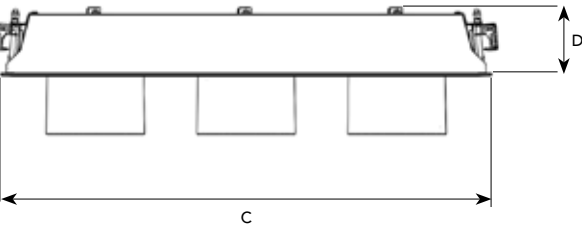
Model and colors White, black and grey.
Area of use Down light for indoor applications.

| Technical data | | |
|-----------------------|---------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 2.8 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/60° | |
| Start time | Instant | |
| Driver | Separate | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood, Wide flood | |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 306-570-10 | Spot | White |
| 306-570-20 | Spot | Black |
| 306-570-30 | Spot | Grey |
| 306-571-10 | Medium | White |
| 306-571-20 | Medium | Black |
| 306-571-30 | Medium | Grey |
| 306-572-10 | Flood | White |
| 306-572-20 | Flood | Black |
| 306-572-30 | Flood | Grey |
| 306-573-10 | Wide Flood | White |
| 306-573-20 | Wide Flood | Black |
| 306-573-30 | Wide Flood | Grey |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 523 B 70 (mm) Saw instruction: 177x512 mm



| Spot | Medium | Flood | Wide Flood |
|------|--------|-------|------------|
| 14° | 25° | 37° | 57° |
| m | m | m | m |
| ø | ø | ø | ø |
| 1.0 | 0.25 | 0.44 | 1.08 |
| 2.0 | 0.51 | 0.88 | 2.15 |
| 3.0 | 0.76 | 1.32 | 3.23 |

Flexo 3000

Technical specification
Tiltable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

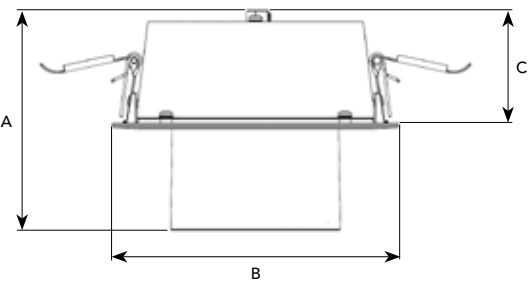
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | | |
|-----------------------|---------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.9 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3000 K | |
| Light source | LED | |
| Operating position | 360°/60° | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood, Wide flood | |

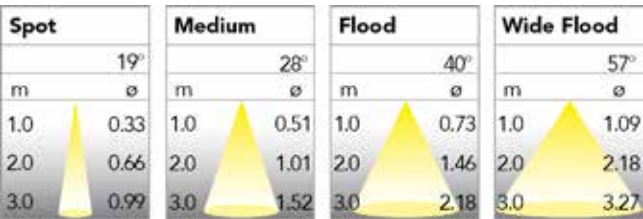
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 306-500-10 | Spot | White |
| 306-500-20 | Spot | Black |
| 306-500-30 | Spot | Grey |
| 306-501-10 | Medium | White |
| 306-501-20 | Medium | Black |
| 306-501-30 | Medium | Grey |
| 306-502-10 | Flood | White |
| 306-502-20 | Flood | Black |
| 306-502-30 | Flood | Grey |
| 306-503-10 | Wide flood | White |
| 306-503-20 | Wide flood | Black |
| 306-503-30 | Wide flood | Grey |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 135 B 176 C 70 (mm) Saw instruction: ø165 mm



Flexo 4000

Technical specification
Tiltable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

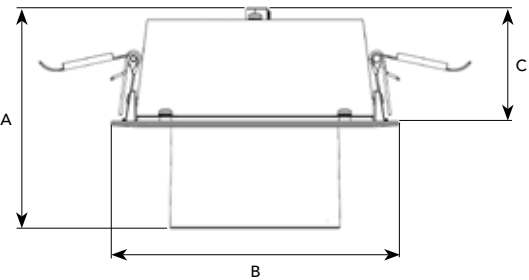
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.9 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 360°/60° |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

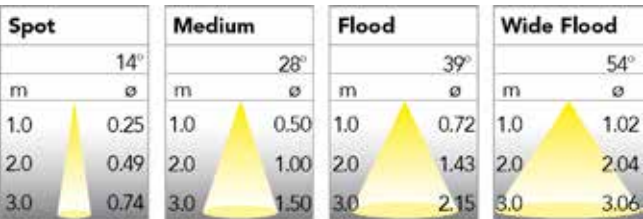
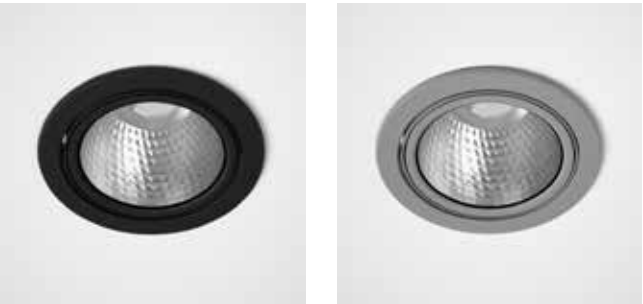
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 306-510-10 | Spot | White |
| 306-510-20 | Spot | Black |
| 306-510-30 | Spot | Grey |
| 306-511-10 | Medium | White |
| 306-511-20 | Medium | Black |
| 306-511-30 | Medium | Grey |
| 306-512-10 | Flood | White |
| 306-512-20 | Flood | Black |
| 306-512-30 | Flood | Grey |
| 306-513-10 | Wide flood | White |
| 306-513-20 | Wide flood | Black |
| 306-513-30 | Wide flood | Grey |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 135 B 176 C 70 (mm) Saw instruction: ø165 mm



Moon 3000

Technical specification
Tiltable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight. Adjustable light direction using gyro function, max 45 degrees.

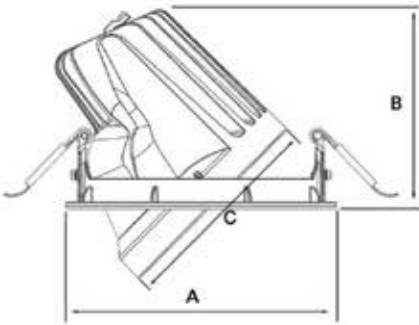
Model and colors Available in white, black and grey.
Area of use Down light for indoor ambient lighting.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.83 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | Vertical/Gyro |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

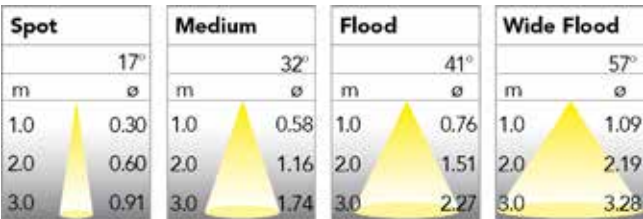
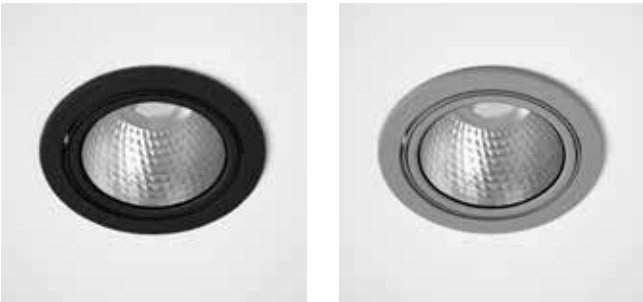
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 295-500-10 | Spot | White |
| 295-500-20 | Spot | Black |
| 295-500-30 | Spot | Grey |
| 295-501-10 | Medium | White |
| 295-501-20 | Medium | Black |
| 295-501-30 | Medium | Grey |
| 295-502-10 | Flood | White |
| 295-502-20 | Flood | Black |
| 295-502-30 | Flood | Grey |
| 295-503-10 | Wide flood | White |
| 295-503-20 | Wide flood | Black |
| 295-503-30 | Wide flood | Grey |

Note
Product available with meat or bread COB on request. Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 158 B 122 C 121 (mm) Saw instruction: circular frame ø 150 mm



Moon 4000

Technical specification
Tiltable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight. Adjustable light direction using gyro function, max 45 degrees.

Model and colors Available in white, black and grey colour.

Accessories Support plate.

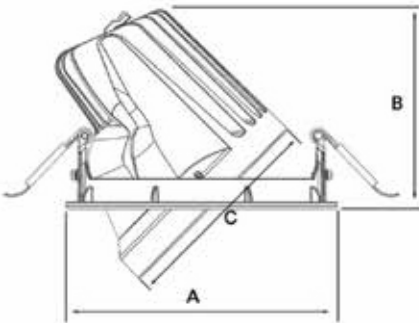
Area of use Down light for indoor ambient lighting.

| Technical data | | | |
|-----------------------|---------------------------------|--|--|
| Mains (input) voltage | 220-240 V | | |
| Total weight | 0.83 kg | | |
| Form of protection | IP 20, class III | | |
| Color temperature | 3000 K | | |
| Light source | LED | | |
| Operating position | Vertical/Gyro | | |
| Start time | Instant | | |
| Driver | Stand alone, included | | |
| Optics | Metalized aluminum reflector | | |
| Beam spreads | Spot, Medium, Flood, Wide flood | | |

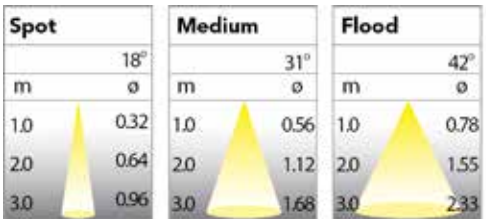
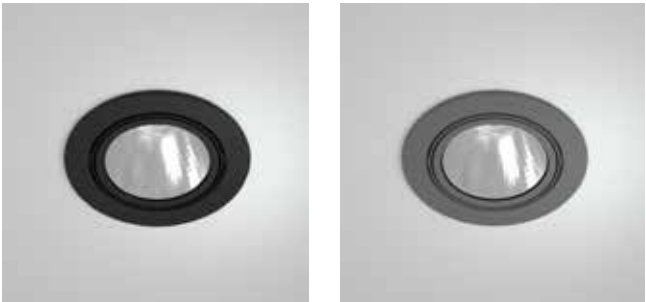
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 295-505-10 | Spot | White |
| 295-505-20 | Spot | Black |
| 295-505-30 | Spot | Grey |
| 295-506-10 | Medium | White |
| 295-506-20 | Medium | Black |
| 295-506-30 | Medium | Grey |
| 295-507-10 | Flood | White |
| 295-507-20 | Flood | Black |
| 295-507-30 | Flood | Grey |
| 295-543-10 | Wide flood | White |
| 295-543-20 | Wide flood | Black |
| 295-543-30 | Wide flood | Grey |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 158 B 122 C 121 (mm) Saw instruction: circular frame ø 150 mm



Moon mini 1500

Technical specification
Tiltable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.

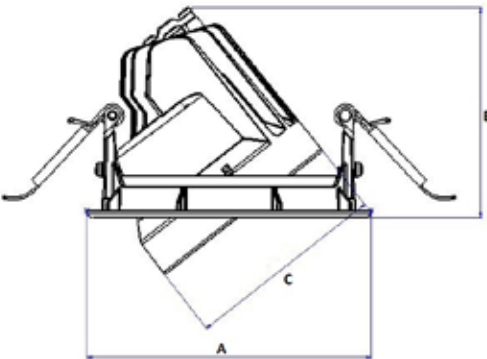
Area of use Down light for indoor ambient lighting.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.45 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | Vertical/Gyro | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

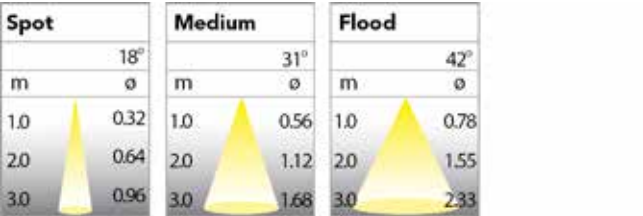
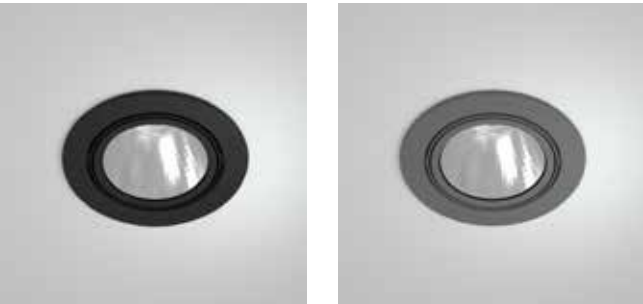
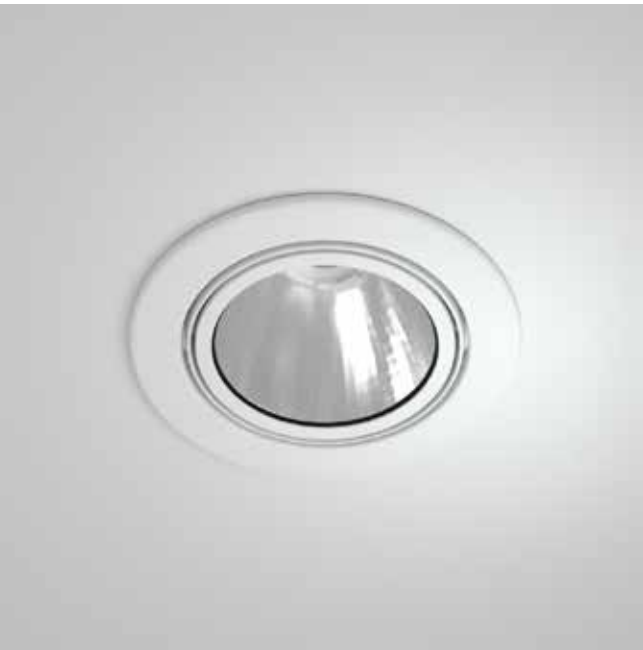
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 315-500-10 | Spot | White |
| 315-500-20 | Spot | Black |
| 315-500-30 | Spot | Grey |
| 315-501-10 | Medium | White |
| 315-501-20 | Medium | Black |
| 315-501-30 | Medium | Grey |
| 315-502-10 | Flood | White |
| 315-502-20 | Flood | Black |
| 315-502-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request.
Product available with DALI option on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 120 B 88 C 85 (mm) Saw instruction: circular frame ø 112 mm



Moon mini 2000

Technical specification
Tiltable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

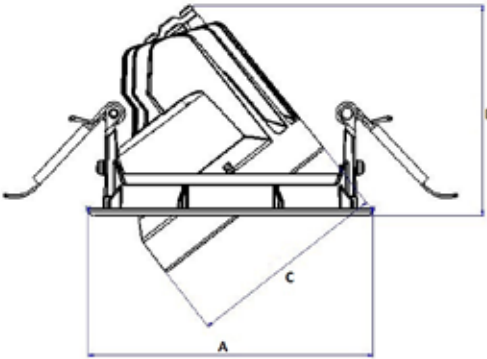
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.45 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | Vertical/Gyro | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

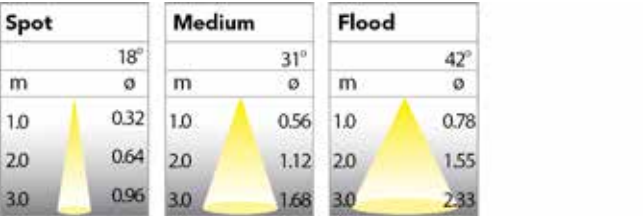
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 315-510-10 | Spot | White |
| 315-510-20 | Spot | Black |
| 315-510-30 | Spot | Grey |
| 315-511-10 | Medium | White |
| 315-511-20 | Medium | Black |
| 315-511-30 | Medium | Grey |
| 315-512-10 | Flood | White |
| 315-512-20 | Flood | Black |
| 315-512-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request.
Product available with DALI option on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 120 B 88 C 85 (mm) Saw instruction: circular frame ø 112 mm



Orion I/II 1500

Technical specification
Recessed down light with adjustable light direction using gyro function. Chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

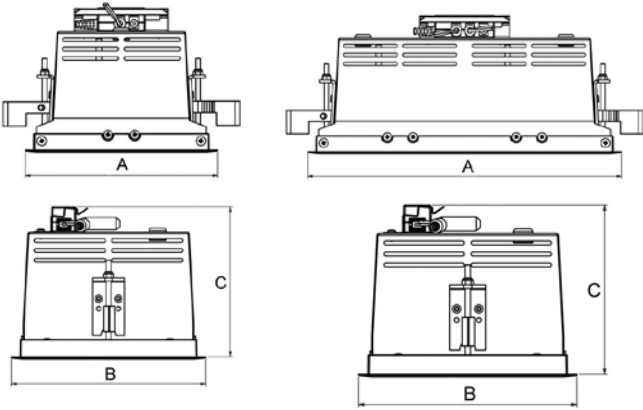
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.9 kg /1.5 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3000 K | |
| Light source | LED | |
| Operating position | Vertical/Gyro | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

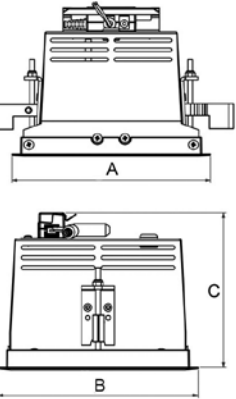
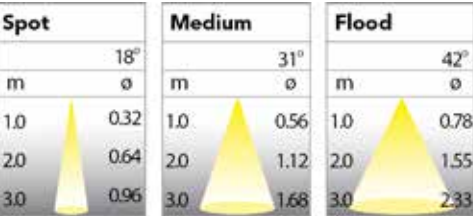
| Art no (EU) | Description | Color |
|---------------------|------------------------|------------------------|
| 300-503-10 | Spot I | White |
| 300-503-20 | Spot I | Black |
| 300-503-30 | Spot I | Grey |
| 300-504-10 | Medium I | White |
| 300-504-20 | Medium I | Black |
| 300-504-30 | Medium I | Grey |
| 300-505-10 | Flood I | White |
| 300-505-20 | Flood I | Black |
| 300-505-30 | Flood I | Grey |
| 300-5xx-10, 20, 30* | Spot, Medium, Flood II | White Black Grey |

Note
* xx = Depends on beam choices.
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Product also available with faceplate. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



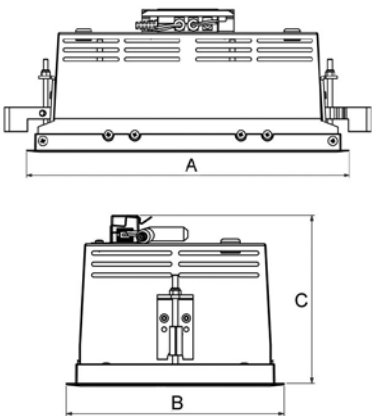
A 165 B 158 C 122 (mm) A 280 B 158 C 122 (mm)
Saw instruction: 157x150 mm Saw instruction: 272x150 mm



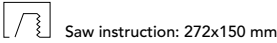
A 165 B 158 C 122 (mm)



Saw instruction: 157x150 mm



A 280 B 158 C 122 (mm)



Saw instruction: 272x150 mm

Orion I/II 2000

Technical specification

Recessed down light with adjustable light direction using gyro function. Chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.

Area of use Down light for indoor applications.

Technical data

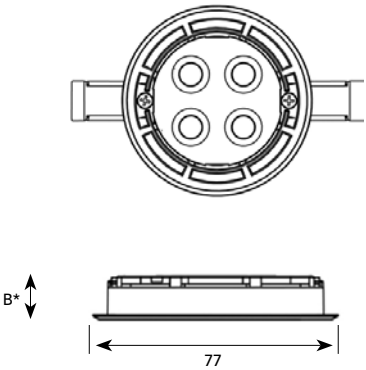
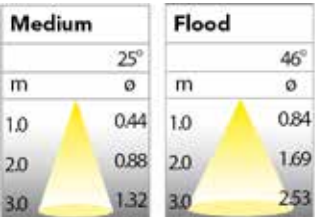
| | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.9 kg/1.5 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | Vertical/Gyro |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |

| Art no (EU) | Description | Color |
|---------------------|------------------------|------------------------|
| 300-512-10 | Spot I | White |
| 300-512-20 | Spot I | Black |
| 300-512-30 | Spot I | Grey |
| 300-513-10 | Medium I | White |
| 300-513-20 | Medium I | Black |
| 300-513-30 | Medium I | Grey |
| 300-514-10 | Flood I | White |
| 300-514-20 | Flood I | Black |
| 300-514-30 | Flood I | Grey |
| 300-5xx-10, 20, 30* | Spot, Medium, Flood II | White Black Grey |

Note

* xx = Depends on beam choices.Product available in other Kelvin temperatures on request. Product available with DALI option on request. Product also available with faceplate. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 77 B 15 (mm)

*For installation with screws



Saw instruction: Ø 70 mm

Puck 4L

Technical specification

Recessed down light with four high power LEDs. High quality transparent polycarbonate lenses with medium or flood beam spreads. Housing of Aluminum die-cast for efficient cooling of the LEDs. Separate NL Power LED electronic ballast for optimal life time and light flow performance.

Model and colors Available in white. Other colours on request.

Accessories Ring for surface mounting Puck, White

Area of use Recessed Down light for indoor applications like shelves.

Technical data

| | |
|-----------------------|---------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.2 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Separate |
| Optics | Transparent Polycarbonate |
| Beam spreads | Medium, Flood |

| Art no (EU) | Description | Color |
|-------------|--|-------|
| 120-508-10 | 2 pcs, incl. gear. Shelf mount. Medium lens | White |
| 120-509-10 | 2 pcs, incl. gear. Shelf mount. Flood lens | White |
| 120-510-10 | 2 pcs, incl. gear. Spring mount. Medium lens | White |
| 120-511-10 | 2 pcs, incl. gear. Spring mount. Flood lens | White |

Note

Product available in other Kelvin temperatures by request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Quad 1000

Technical specification
Recessed down light with four tiltable and rotating spot lights. Chip on board and incorporated electronic gear for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

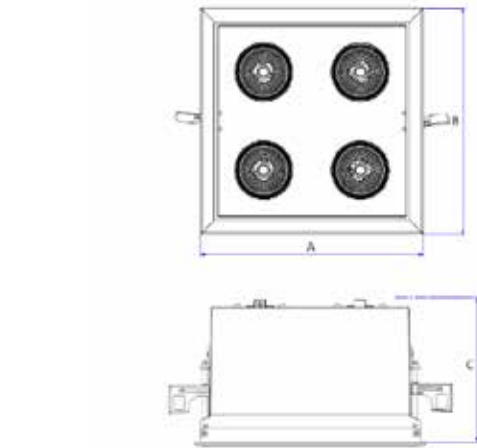
| Technical data | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.9 kg |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 360°/40° |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |

| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 14° | | 26° | | 36° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.25 | 1.0 | 0.46 | 1.0 | 0.65 |
| 2.0 | 0.51 | 2.0 | 0.92 | 2.0 | 1.29 |
| 3.0 | 0.76 | 3.0 | 1.39 | 3.0 | 1.94 |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 273-500-10 | Spot | White |
| 273-500-20 | Spot | Black |
| 273-500-30 | Spot | Grey |
| 273-501-10 | Medium | White |
| 273-501-20 | Medium | Black |
| 273-501-30 | Medium | Grey |
| 273-502-10 | Flood | White |
| 273-502-20 | Flood | Black |
| 273-502-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 226,5 B 226,5 C 140 (mm) Saw instruction: 219x204 mm (3 mm spel mot Armatur)



Ray 1000

Technical specification
Tiltable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with two different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

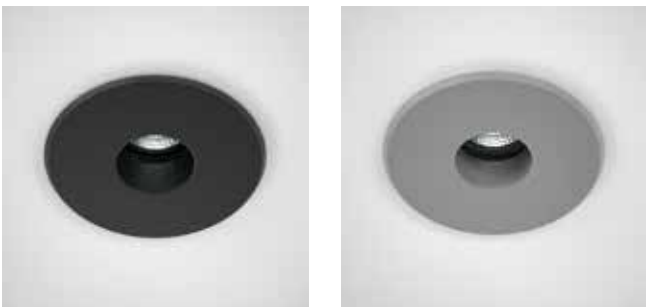
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.4 kg |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical/fixed |
| Start time | Instant |
| Driver | Included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium |

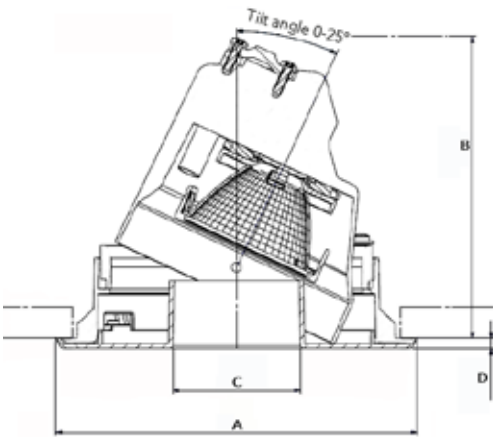
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 317-500-10 | Spot | White |
| 317-500-20 | Spot | Black |
| 317-500-30 | Spot | Grey |
| 317-501-10 | Medium | White |
| 317-501-20 | Medium | Black |
| 317-501-30 | Medium | Grey |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

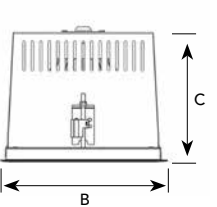
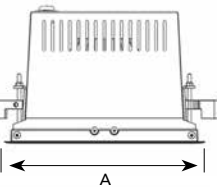
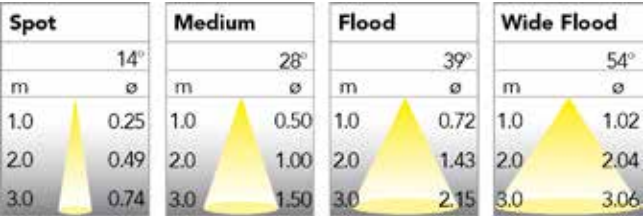
For latest performance data please download datasheet from www.nordiclight.com



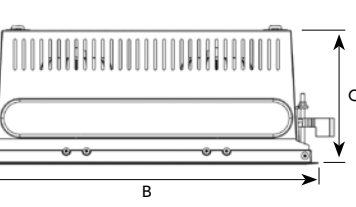
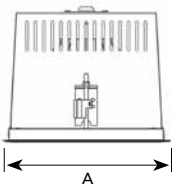
| Spot | | Medium | |
|------|------|--------|------|
| 13° | | 27° | |
| m | ø | m | ø |
| 1.0 | 0.23 | 1.0 | 0.48 |
| 2.0 | 0.47 | 2.0 | 0.95 |
| 3.0 | 0.70 | 3.0 | 1.43 |



A 126 B 105 C 44,4 D 3,5 (mm) Saw instruction: 114 mm



A 233 B 200 C 161 (mm)



A 200 B 392 C 161 (mm)



Slim I/II 3000

Technical specification

Recessed down light with adjustable light direction using gyro function, chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.

Accessories Faceplate.

Area of use Down light for indoor ambient lighting.

Technical data

| | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.6 kg / 2.6 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical/Gyro |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

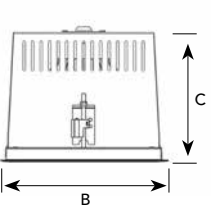
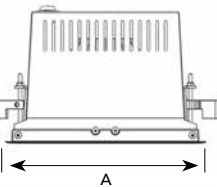
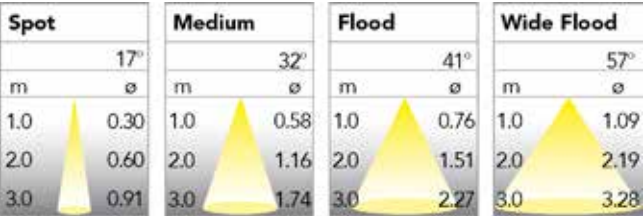
| Art no (EU) | Description | Color |
|---------------------|------------------------------------|-------|
| 270-500-10 | Spot I | White |
| 270-500-20 | Spot I | Black |
| 270-500-30 | Spot I | Grey |
| 270-501-10 | Medium I | White |
| 270-501-20 | Medium I | Black |
| 270-501-30 | Medium I | Grey |
| 270-502-10 | Flood I | White |
| 270-502-20 | Flood I | Black |
| 270-502-30 | Flood I | Grey |
| 270-503-10 | Wide flood I | White |
| 270-503-20 | Wide flood I | Black |
| 270-503-30 | Wide flood I | Grey |
| 270-5xx-10, 20, 30* | Spot, Medium, Flood, Wide flood II | |
| 1603 | Suspension plate | |

Note

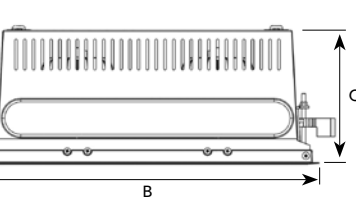
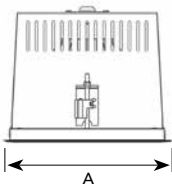
* xx = Depends on beam choices.

Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Product also available with faceplate. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 233 B 200 C 161 (mm)



A 200 B 392 C 161 (mm)



Slim I/II 4000

Technical specification

Recessed down light with adjustable light direction using gyro function. Chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.

Accessories Faceplate.

Area of use Down light for indoor ambient lighting.

Technical data

| | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 1.6 kg / 2.6 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical/Gyro |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|---------------------|------------------------------------|--------------------|
| 270-585-10 | Spot I | White |
| 270-585-20 | Spot I | Black |
| 270-585-30 | Spot I | Grey |
| 270-586-10 | Medium I | White |
| 270-586-20 | Medium I | Black |
| 270-586-30 | Medium I | Grey |
| 270-587-10 | Flood I | White |
| 270-587-20 | Flood I | Black |
| 270-587-30 | Flood I | Grey |
| 270-588-10 | Wide flood I | White |
| 270-588-20 | Wide flood I | Black |
| 270-588-30 | Wide flood I | Grey |
| 270-5xx-10, 20, 30* | Spot, Medium, Flood, Wide flood II | White, Black, Grey |
| 1603 | Suspension plate | |

Note

* xx = Depends on beam choices.

Product available in other Kelvin temperatures on request.
Product also available with faceplate. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Titan 3000

Technical specification
Recessed down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

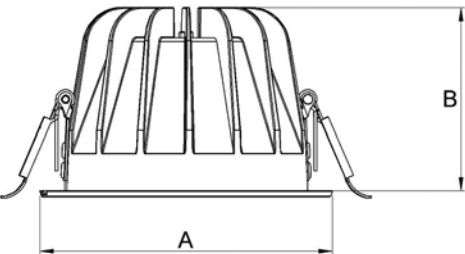
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| | |
|-----------------------|---------------------------------|
| Technical data | |
| Mains (input) voltage | 220-240 V |
| Total weight | 0.55 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | Vertical/fixed |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 271-500-10 | Spot | White |
| 271-500-20 | Spot | Black |
| 271-500-30 | Spot | Grey |
| 271-501-10 | Medium | White |
| 271-501-20 | Medium | Black |
| 271-501-30 | Medium | Grey |
| 271-502-10 | Flood | White |
| 271-502-20 | Flood | Black |
| 271-502-30 | Flood | Grey |
| 271-503-10 | Wide flood | White |
| 271-503-20 | Wide flood | Black |
| 271-503-30 | Wide flood | Grey |

Note
Product available with meat or bread COB on request. Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 144 B 90 (mm) Saw instruction: ø 128 mm



Titan 4000

Technical specification
Recessed down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

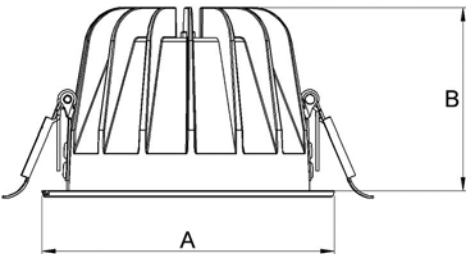
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| | |
|-----------------------|---------------------------------|
| Technical data | |
| Mains (input) voltage | 220-240 V |
| Total weight | 0.55 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | Vertical/fixed |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 271-508-10 | Spot | White |
| 271-508-20 | Spot | Black |
| 271-508-30 | Spot | Grey |
| 271-509-10 | Medium | White |
| 271-509-20 | Medium | Black |
| 271-509-30 | Medium | Grey |
| 271-510-10 | Flood | White |
| 271-510-20 | Flood | Black |
| 271-510-30 | Flood | Grey |
| 271-511-10 | Wide flood | White |
| 271-511-20 | Wide flood | Black |
| 271-511-30 | Wide flood | Grey |

Note
Product available with meat or bread COB on request. Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 144 B 90 (mm) Saw instruction: ø 128 mm



Titan L 3000

Technical specification
Recessed down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

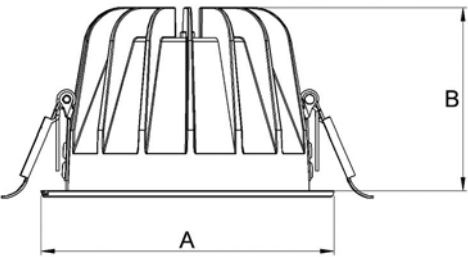
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0,85 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 292-500-10 | Spot | White |
| 292-500-20 | Spot | Black |
| 292-500-30 | Spot | Grey |
| 292-501-10 | Medium | White |
| 292-501-20 | Medium | Black |
| 292-501-30 | Medium | Grey |
| 292-502-10 | Flood | White |
| 292-502-20 | Flood | Black |
| 292-502-30 | Flood | Grey |
| 292-503-10 | Wide flood | White |
| 292-503-20 | Wide flood | Black |
| 292-503-30 | Wide flood | Grey |

Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 150 B 106 (mm) Saw instruction: ø 150 mm



Titan L 4000

Technical specification
Recessed down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

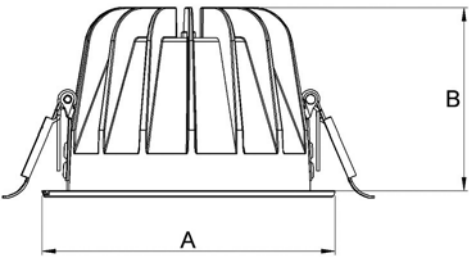
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0,85 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

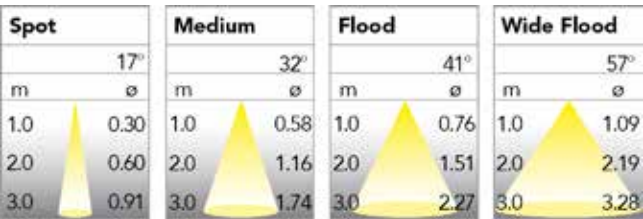
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 292-510-10 | Spot | White |
| 292-510-20 | Spot | Black |
| 292-510-30 | Spot | Grey |
| 292-511-10 | Medium | White |
| 292-511-20 | Medium | Black |
| 292-511-30 | Medium | Grey |
| 292-512-10 | Flood | White |
| 292-512-20 | Flood | Black |
| 292-512-30 | Flood | Grey |
| 292-513-10 | Wide flood | White |
| 292-513-20 | Wide flood | Black |
| 292-513-30 | Wide flood | Grey |

Note
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 150 B 106 (mm) Saw instruction: ø 150 mm



Titan L 5000

Technical specification
Recessed down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

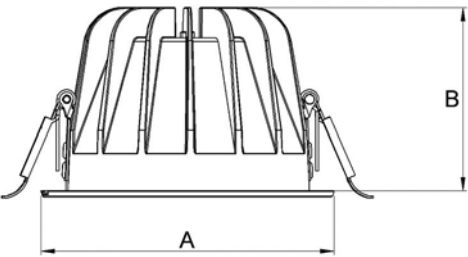
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| | |
|-----------------------|---------------------------------|
| Technical data | |
| Mains (input) voltage | 220-240 V |
| Total weight | 0.85 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Operating position | Vertical |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood, Wide flood |

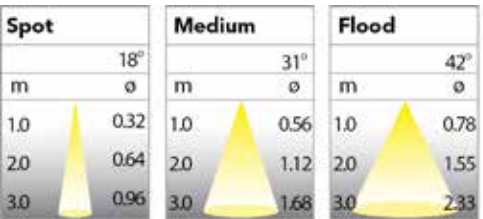
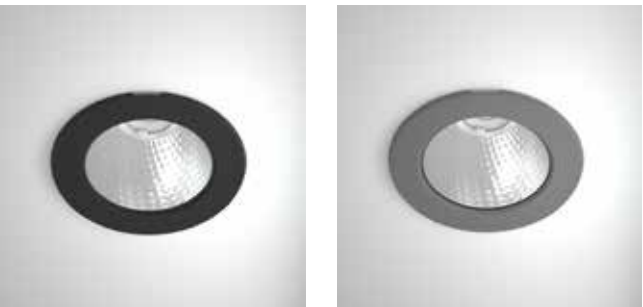
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 292-546-10 | Spot | White |
| 292-546-20 | Spot | Black |
| 292-546-30 | Spot | Grey |
| 292-547-10 | Medium | White |
| 292-547-20 | Medium | Black |
| 292-547-30 | Medium | Grey |
| 292-548-10 | Flood | White |
| 292-548-20 | Flood | Black |
| 292-548-30 | Flood | Grey |
| 292-549-10 | Wide flood | White |
| 292-549-20 | Wide flood | Black |
| 292-549-30 | Wide flood | Grey |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 150 B 106 (mm) Saw instruction: ø 150 mm



Titan mini 1500

Technical specification
Recessed down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

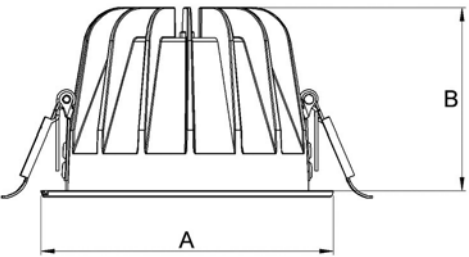
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| | |
|-----------------------|------------------------------|
| Technical data | |
| Mains (input) voltage | 220-240 V |
| Total weight | 0.28 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | Vertical/fixed |
| Start time | Instant |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |

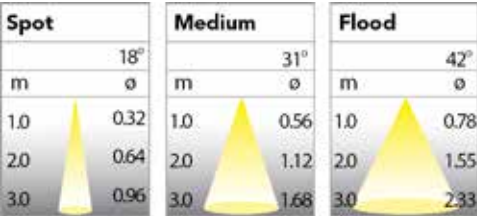
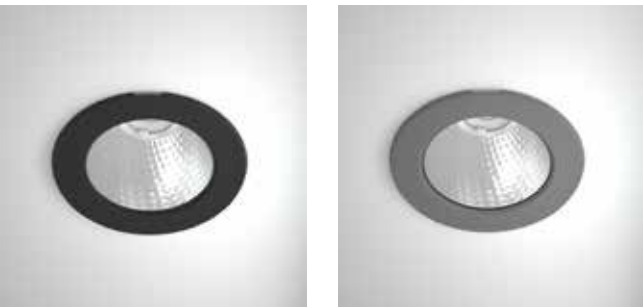
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 308-500-10 | Spot | White |
| 308-500-20 | Spot | Black |
| 308-500-30 | Spot | Grey |
| 308-501-10 | Medium | White |
| 308-501-20 | Medium | Black |
| 308-501-30 | Medium | Grey |
| 308-502-10 | Flood | White |
| 308-502-20 | Flood | Black |
| 308-502-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Product available with DALI option on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 102 B 65 (mm) Saw instruction: ø 92 mm



Titan mini 2000

Technical specification
Recessed down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

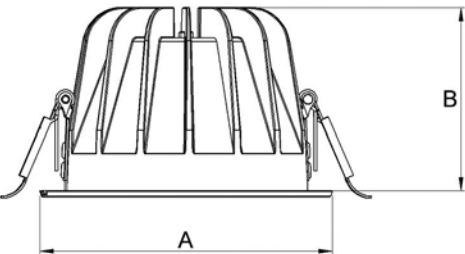
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| | | |
|-----------------------|------------------------------|--|
| Technical data | | |
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.28 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | Vertical/fixed | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

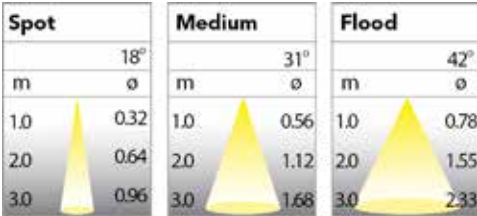
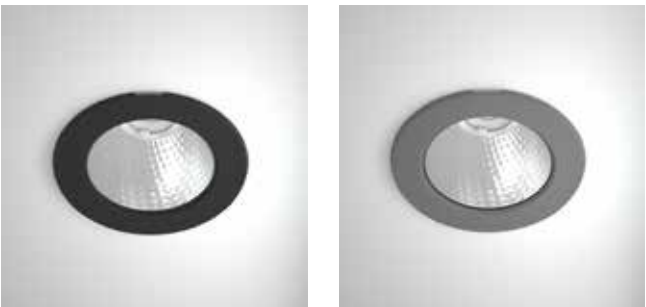
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 308-510-10 | Spot | White |
| 308-510-20 | Spot | Black |
| 308-510-30 | Spot | Grey |
| 308-511-10 | Medium | White |
| 308-511-20 | Medium | Black |
| 308-511-30 | Medium | Grey |
| 308-512-10 | Flood | White |
| 308-512-20 | Flood | Black |
| 308-512-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Product available with DALI option on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 102 B 65 (mm) Saw instruction: ø 92 mm



Titan mini 2500

Technical specification
Recessed down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

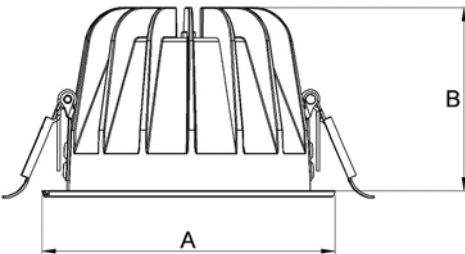
Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| | | |
|-----------------------|------------------------------|--|
| Technical data | | |
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.28 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | Vertical/fixed | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

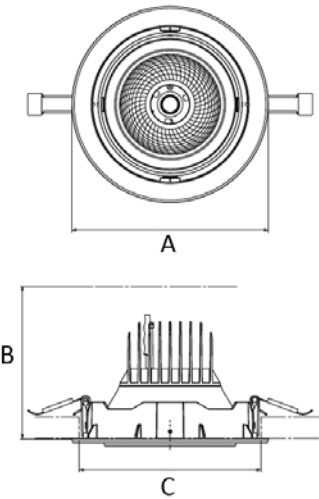
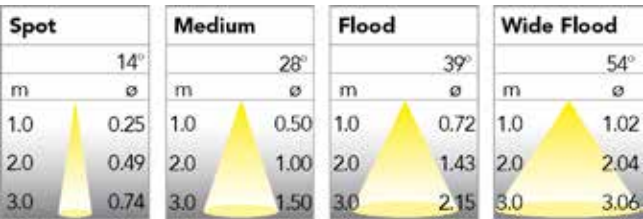
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 308-590-10 | Spot | White |
| 308-590-20 | Spot | Black |
| 308-590-30 | Spot | Grey |
| 308-591-10 | Medium | White |
| 308-591-20 | Medium | Black |
| 308-591-30 | Medium | Grey |
| 308-592-10 | Flood | White |
| 308-592-20 | Flood | Black |
| 308-592-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Product available with DALI option on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 102 B 65 (mm) Saw instruction: ø 92 mm



A 193 B 150 C 178 (mm) Saw instruction: ø 178 mm

Twist 3000

Technical specification
Recessed down light with adjustable light direction using gyro function. Chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black, grey and metallic
Area of use Down light for indoor applications.

| Technical data | | |
|-----------------------|---------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.83 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | Vertical/Gyro | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood, Wide flood | |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 272-500-10 | Spot | White |
| 272-500-20 | Spot | Black |
| 272-500-30 | Spot | Grey |
| 272-501-10 | Medium | White |
| 272-501-20 | Medium | Black |
| 272-501-30 | Medium | Grey |
| 272-502-10 | Flood | White |
| 272-502-20 | Flood | Black |
| 272-502-30 | Flood | Grey |
| 272-503-10 | Wide flood | White |
| 272-503-20 | Wide flood | Black |
| 272-503-30 | Wide flood | Grey |

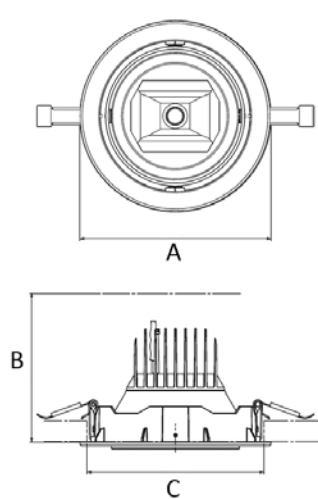
Note
Product available with meat or bread COB on request.
Product available in other Kelvin temperatures on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

FB suitable for bread products.
FF suitable for fish products.
FV suitable for fruit and vegetables products.
FM suitable for meat products.

For latest performance data please download datasheet from www.nordiclight.com



Twist 3000,
Oval reflector



A 193 B 150 C 178 (mm) Saw instruction: ø 178 mm

Technical specification
Recessed down light with adjustable light direction using gyro function. Chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with four different beam spreads. Lamp housing of die-cast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.
Area of use Down light for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.83 kg | |
| Form of protection | IP 20, class III | |
| Color temperature | 2 000-5 000 K | |
| Light source | LED | |
| Operating position | Vertical/Gyro | |
| Start time | Instant | |
| Driver | Stand alone, included | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Oval | |

| Art no (EU) | Description | Color |
|-------------|-----------------------|-------|
| 272-730-10 | Oval reflector 3000lm | White |
| 272-730-20 | Oval reflector 3000lm | Black |
| 272-730-30 | Oval reflector 3000lm | Grey |
| 272-732-10 | Oval reflector 4000lm | White |
| 272-732-20 | Oval reflector 4000lm | Black |
| 282-732-30 | Oval reflector 4000lm | Grey |

Note
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Zimled 1000

Technical specification
Retractable and rotating down light with chip on board and separated NL Power LED electronic ballast for optimal life time and light flow performance. High quality reflector with three different beam spreads. Lamp housing of diecast aluminium for optimal cooling and low weight.

Model and colors Available in white, black and grey.
Area of use Down light for indoor applications. Technical data

| | |
|-----------------------|------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.2 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3000 K |
| Light source | LED |
| Operating position | 355°/80° |
| Driver | Stand alone, included |
| Optics | Metalized aluminum reflector |
| Beam spreads | Spot, Medium, Flood |

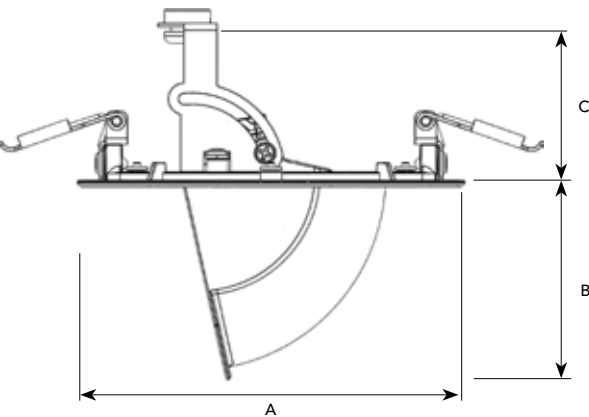


| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 14° | | 25° | | 35° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.25 | 1.0 | 0.45 | 1.0 | 0.64 |
| 2.0 | 0.50 | 2.0 | 0.89 | 2.0 | 1.28 |
| 3.0 | 0.75 | 3.0 | 1.34 | 3.0 | 1.91 |

| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 303-500-10 | Spot | White |
| 303-500-20 | Spot | Black |
| 303-500-30 | Spot | Grey |
| 303-501-10 | Medium | White |
| 303-501-20 | Medium | Black |
| 303-501-30 | Medium | Grey |
| 303-502-10 | Flood | White |
| 303-502-20 | Flood | Black |
| 303-502-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request.
Product available with DALI option on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



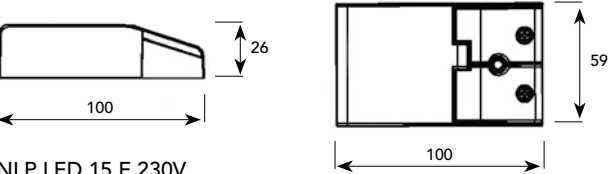
A 108 B 61 C 56 (mm) Saw instruction: ø 108 mm





Drivers

For the drive of lights. To create light, you need an engine, inbuilt or separate. Our electronic drivers are all state of the art and designed to provide diagnostic information if the light stops working.



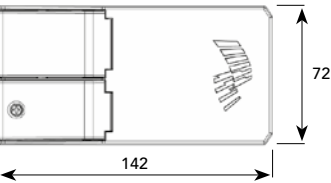
NLP LED 15 E 230V

| Art no (EU) | Description | Color |
|-------------|-------------|------------|
| 121-506 | V 350 mA | Light grey |
| 121-507 | V 500 mA | Light grey |
| 121-512 | V 700 mA | Light grey |

NLP LED 15 E 100-240V

General information
Driver with SELV output for constant current LED fixtures. Classified as independent unit. Output current selectable, 350 or 500 or 700 mA. Overload and short-circuit protection. Screw clamp terminal blocks for connecting mains power cable and output cables, plastic housing with integrated strain reliefs.

| Technical data | | |
|-------------------------|---|-------|
| Mains (input) voltage | 100-240 V | |
| Total weight | 0.25 kg | |
| Form of protection | IP20, Class II | |
| Rated current | 0.08 A | |
| Energy consumption | 17.6 W | |
| Frequency | 50/60 Hz | |
| Power factor | 0,85 | |
| Tc value (max) | 75°C | |
| Output type | Constant current for LED fixtures | |
| Output voltage | 10-30/10-21 VDC | |
| Output current | 350-500/700 mA | |
| Output current ripple | < 20 mAp-p | |
| Max number of gears | 16 A, type C: 146 gears/fuse 10 A, type C: 91 gears/fuse | |
| Max resulting luminaire | Flicker | <1% |
| | Flicker index | <0.01 |

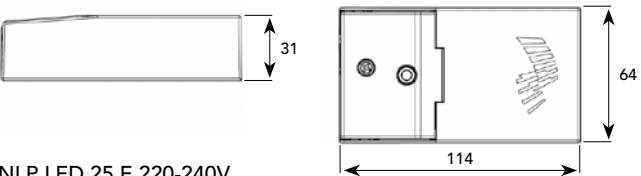


NLP LED 40 E 220-240 V

NLP LED 40 E 220-240V

General information
Driver with SELV output for constant current LED fixtures. Classified as independent unit. Overload and short-circuit protection. Mains connection through poke in terminal for cable connection and interlocking quick connector on the output.

| Technical data | | |
|-------------------------|-----------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.25 kg | |
| Form of protection | IP20, Class I | |
| Rated current | 0.19 A | |
| Energy consumption | 44 W | |
| Frequency | 50/60 Hz | |
| Power factor | >0.95 | |
| Tc value (max) | 75°C | |
| Output type | Constant current for LED fixtures | |
| Output voltage | 20→43 VDC | |
| Output current | 500-1000 mA | |
| Output current ripple | <20 mAp-p | |
| Max resulting luminaire | | |
| Flicker | <1% | |
| Flicker index | <0.01 | |



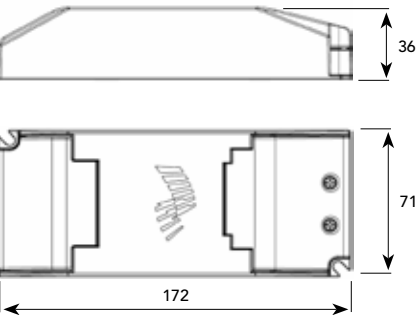
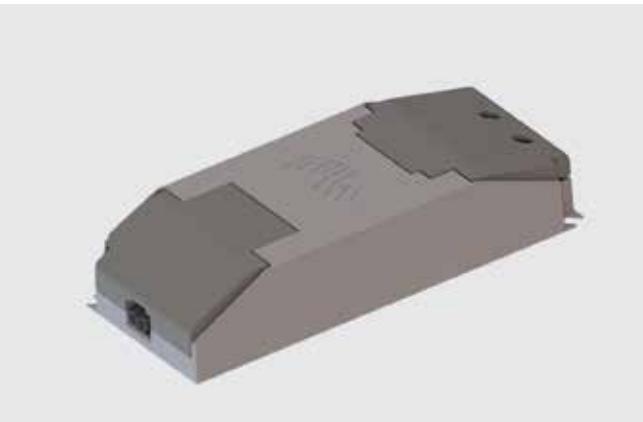
NLP LED 25 E 220-240V

NLP LED 25 E 220-240V

General information
Driver with SELV output for constant current LED fixtures. Classified as independent unit. Overload and short-circuit protection. Mains connection through C13 plug and interlocking quick connector on the output.

| Technical data | | |
|-------------------------|---|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.25 kg | |
| Form of protection | IP20, Class I | |
| Rated current | 0.1 A | |
| Energy consumption | 22 W | |
| Frequency | 50/60 Hz | |
| Power factor | >0.95 | |
| Tc value (max) | 75°C | |
| Output type | Constant current for LED fixtures | |
| Output voltage | 20-43 VDC | |
| Output current | 200-500 mA | |
| Output current ripple | <20 mAp-p | |
| Max number of gears | 10 A, type C: 73 gears/fuse 16 A, type C: 117 gears/fuse | |
| Max resulting luminaire | | |
| Flicker | <1% | |
| Flicker index | <0.01 | |

| Number of drivers / MCB | | |
|-------------------------|-------------|-------------------|
| Driver Output current | MCB | Number of drivers |
| 500 mA | Type B, 10A | 80 |
| | Type B, 16A | 128 |
| | Type C, 10A | 80 |
| | Type C, 16A | 128 |
| 770 mA | Type B, 10A | 53 |
| | Type B, 16A | 84 |
| | Type C, 10A | 53 |
| | Type C, 16A | 84 |
| 1000 mA | Type B, 10A | 39 |
| | Type B, 16A | 63 |
| | Type C, 10A | 39 |
| | Type C, 16A | 63 |



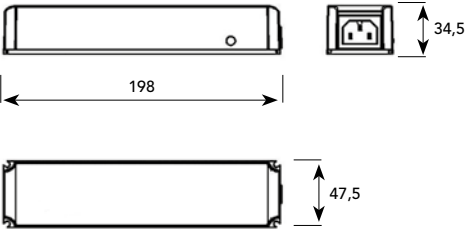
NLE LED 30 E 220-240 V



NLE LED 30 E 220-240V

General information
Dali driver with SELV output for constant current LED fixtures. Classified as independent unit. Mains connection through GST18i5 compatible connector and interlocking quick connector on the output.

| Technical data | |
|-------------------------|--|
| Mains (input) voltage | 120-240 VAC |
| Total weight | 0.25 kg |
| Form of protection | IP20, Class I |
| Rated current | 0.15 A |
| Energy consumption | 35 W |
| Frequency | 50/60 Hz |
| Power factor | >0.95 |
| Tc value (max) | 75°C |
| Output type | Constant current LED fixtures |
| Output voltage | 25-→48 VDC |
| Output current | 200-850 mA |
| Output current ripple | <20 mAp-p |
| Max number of gears | 120 V: 10 A, type C: 23 gears/fuse 16 A, type C: 36 gears/fuse 220-240 V: 10 A, type C: 46 gears/fuse 16 A, type C: 72 gears/fuse |
| Max resulting luminaire | Flicker <3% Flicker index <0.01 |

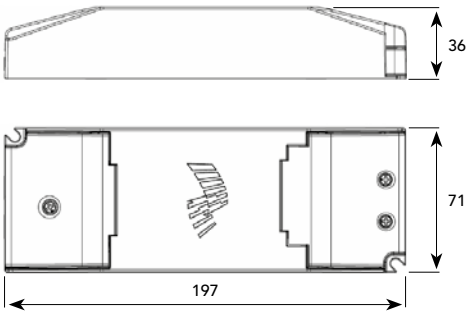
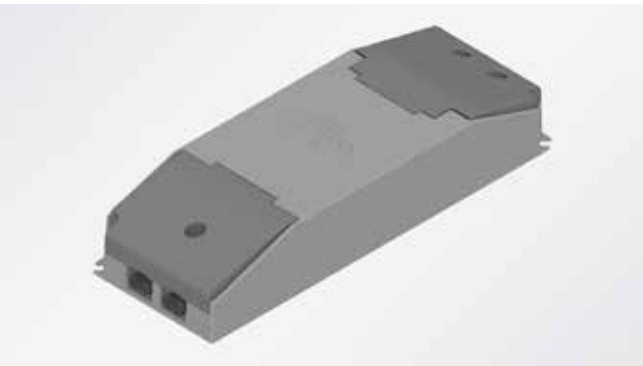


| Art no (EU) | Description | Color |
|-------------|---|-----------|
| 121-508 | NLP LED 60 E-230 V Halogen free EU cable | Dark grey |

NLP LED 60 E 230V

General information
Driver with SELV output for constant voltage LED fixtures. Classified as independent unit. Overload and short-circuit protection. LED indicator displays operating condition, green when the connected load is within the rated range, toggles to red when overloaded. Gear housing made of die-cast aluminium. Inlet socket for mains power cable. Output through coaxial power connector, mates with the Nordic Light range of constant voltage LED fixtures.

| Technical data | |
|-----------------------|--|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.29 kg |
| Form of protection | IP20, class 1 |
| Rated current | 0.28 A |
| Energy consumption | 61 W |
| Frequency | 50/60 Hz |
| Power factor | 0.95 |
| Tc value (max) | 70°C |
| Output type | Constant voltage for LED fixtures |
| Output voltage | 28 VDC |
| Output voltage ripple | < 1 Vp-p |
| Output current | 2x200-850 mA |
| Max number of gears | 16 A, type C: 39 gears/fuse 10 A, type C: 24 gears/fuse |



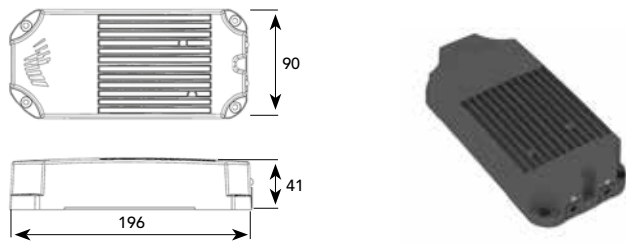
NLE LED 60 E 220-240 V



NLE LED 60 E 220-240V

General information
Dali Driver with SELV output for constant current LED fixtures. Classified as independent unit. Overload and short-circuit protection. Mains connection through GST18i5 compatible connector and dual interlocking quick connector on the outputs.

| Technical data | |
|-------------------------|--|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.25 kg |
| Form of protection | IP20, Class I |
| Rated current | 0.3 A |
| Energy consumption | 70 W |
| Frequency | 50/60 Hz |
| Power factor | >0.95 |
| Tc value (max) | 75°C |
| Output type | Constant current LED fixtures |
| Output voltage | 25-→48 VDC |
| Output current | 2x200-850 mA |
| Output current ripple | <20 mAp-p |
| Max number of gears | 10 A, type C: 23 gears/fuse 16 A, type C: 36 gears/fuse |
| Max resulting luminaire | Flicker <6% Flicker index <0.02 |



| Art no (EU) | Description | Color |
|-------------|----------------------------|-------|
| 192-501 | NLP LED 120 E 220-240 V | Black |

NLP LED 120 E 230V

General information
Driver with SELV output for constant voltage LED fixtures. Classified as independent unit. Overload and short-circuit protection. LED indicator displays operating condition, green when the connected load is within the rated range, toggles to red when overloaded. Gear housing made of die-cast aluminium. Inlet socket for mains power cable. Output through coaxial power connectors, mates with the Nordic Light range of constant voltage LED fixtures.

| Technical data | |
|-----------------------|--|
| Mains (input) voltage | 220-240 VAC |
| Total weight | 0.84 kg |
| Form of protection | IP20, class 1 |
| Rated current | 0.53 A |
| Energy consumption | 122 W |
| Frequency | 50/60 Hz |
| Power factor | 0.95 |
| Tc value (max) | 70°C |
| Output type | Constant voltage for LED fixture |
| Output voltage | 28 VDC |
| Output voltage ripple | < 1 Vp-p |
| Output current | Up to 2 A |
| Max number of gears | 16 A, Type C: 22 gears 10 A, Type C: 14 gears |

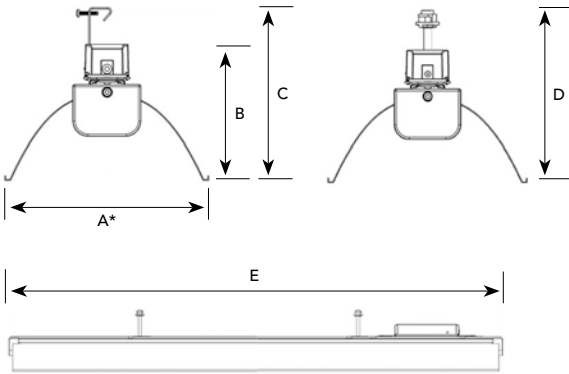


Linear lights

For the hidden and mysterious atmosphere, linear light gives you a soft wall light. It enhances the texture on walls and gives both focus and depth to a room. Linear lights are easy to install and a great solution for shelf lighting or light coves. Ambient lighting for office and back office is also available under this category.



| Spot | | Flood | |
|--------|------|---------|------|
| 98/22° | | 110/61° | |
| m | ø | m | ø |
| 1.0 | 2.32 | 1.0 | 2.85 |
| 2.0 | 4.63 | 2.0 | 5.69 |
| 3.0 | 6.95 | 3.0 | 8.54 |



A 216 B 143 C 182 D 185 E 1493 (mm)

* Depends on the spread of the reflector

Eagle LED 7000

Technical specification

Linear down light for LED tubes. Reflector with spot or flood beam spreads. Housing of powder painted extruded aluminium.

Model and colors Available in grey. Dali as option.

Area of use LED light for indoor applications, suitable for general lighting.

Technical data

| | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | Hook 3.65 kg track 3.41 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Operating position | Vertical |
| Lamp holder | NLAB Standard |
| Start time | Instant |
| Driver | Included |
| Optics | High quality anodized reflector |

| Art no (EU) | Description | Color |
|-------------|--|-------|
| 281-03-001 | For Track mounting | Grey |
| 281-03-002 | For Horizontal wire | Grey |
| 281-36 | Horizontal wire and ceiling suspension | Grey |

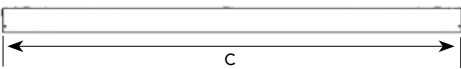
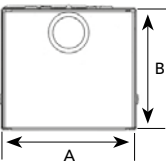
Note

Product also available in lower power levels. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Flood | |
|---------|------|
| 97°/76° | |
| m | ø |
| 1.0 | 2.27 |
| 2.0 | 4.54 |
| 3.0 | 6.81 |



A 89,4 B 80,4 C 1541 (mm)

Grid LED 2000/4000/5000/6000/7000 for ceiling mount

Technical specification

Linear down light for LED tubes. Reflector with flood beam spread. Housing of powder painted sheet metal.

Model and colors Available in white.

Area of use LED light for indoor applications. Suitable for general lighting.

Technical data

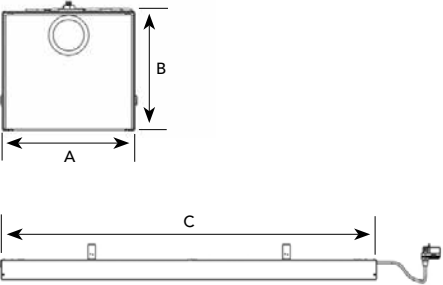
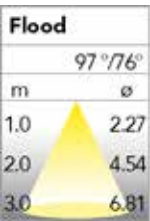
| | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 3.7 kg |
| Form of protection | IP 20, class I |
| Light source | LED |
| Operating position | Vertical |
| Lamp holder | NLAB Standard |
| Start time | Instant |
| Driver | Built in |
| Reflector | High quality anodized reflector |
| Beam spreads | Flood |
| Design lifetime | L80 B10 50 000 h |

| Art no (EU) | Description | Color |
|-------------|-------------------------|-------|
| 204-535 | Grid 2000, 1541 mm, 830 | White |
| 204-536 | Grid 2000, 1541 mm, 835 | White |
| 204-537 | Grid 2000, 1541 mm, 840 | White |
| 204-547 | Grid 4000, 1541 mm, 830 | White |
| 204-548 | Grid 4000, 1541 mm, 835 | White |
| 204-549 | Grid 4000, 1541 mm, 840 | White |
| 204-559 | Grid 5000, 1541 mm, 830 | White |
| 204-560 | Grid 5000, 1541 mm, 835 | White |
| 204-561 | Grid 5000, 1541 mm, 840 | White |
| 204-571 | Grid 6000, 1541 mm, 830 | White |
| 204-572 | Grid 6000, 1541 mm, 835 | White |
| 204-573 | Grid 6000, 1541 mm, 840 | White |
| 204-583 | Grid 7000, 1541 mm, 830 | White |
| 204-584 | Grid 7000, 1541 mm, 835 | White |
| 204-585 | Grid 7000, 1541 mm, 840 | White |
| 046-286 | Wire Kit | |

Note

Product also available in higher power levels. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 89 B 80 C 1541 (mm)

Grid LED 2000/4000/5000/6000/7000 for track mount

Technical specification

Linear down light for LED tubes. Reflector with flood beam spread. Housing of powder painted sheet metal. Built in electronic.

Model and colors Available in white.

Area of use LED light for indoor track applications, suitable for general lighting.

Technical data

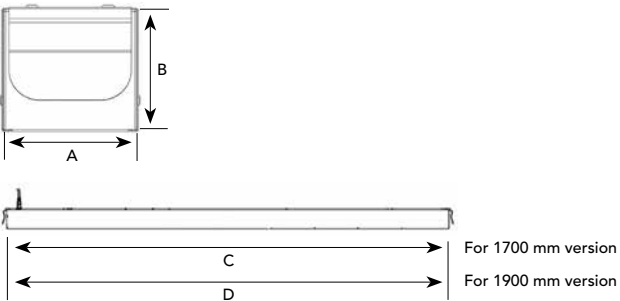
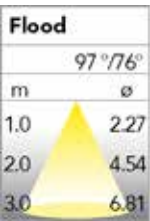
| | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 4.57 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Operating position | Vertical |
| Lamp holder | NLAB Standard |
| Driver | Included |
| Reflector | High quality anodized reflector |

| Art no (EU) | Description | Color |
|-------------|-------------------------|-------|
| 204-532 | Grid 2000, 1541 mm, 830 | White |
| 204-533 | Grid 2000, 1541 mm, 835 | White |
| 204-534 | Grid 2000, 1541 mm, 840 | White |
| 204-544 | Grid 4000, 1541 mm, 830 | White |
| 204-545 | Grid 4000, 1541 mm, 835 | White |
| 204-546 | Grid 4000, 1541 mm, 840 | White |
| 204-556 | Grid 5000, 1541 mm, 830 | White |
| 204-557 | Grid 5000, 1541 mm, 835 | White |
| 204-558 | Grid 5000, 1541 mm, 840 | White |
| 204-568 | Grid 6000, 1541 mm, 830 | White |
| 204-569 | Grid 6000, 1541 mm, 835 | White |
| 204-570 | Grid 6000, 1541 mm, 840 | White |
| 204-580 | Grid 7000, 1541 mm, 830 | White |
| 204-581 | Grid 7000, 1541 mm, 835 | White |
| 204-582 | Grid 7000, 1541 mm, 840 | White |

Note

Product also available in higher power levels. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 89,5 B 80,4 C 1630/1892 D 1640-1700/1900 (mm)

Grid LED 2000/4000/5000 for functional ceiling

Technical specification

Linear down light for LED tubes. Reflector with flood beam spread. Housing of powder painted sheet metal.

Model and colors Available in white.

Area of use LED light for indoor functional ceiling. Suitable for general lighting.

Technical data

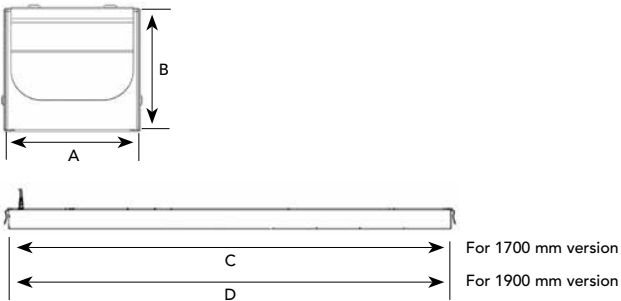
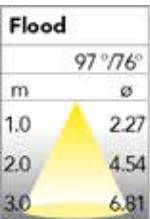
| | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 4.1 kg/4.6 kg |
| Form of protection | IP 20, class I |
| Operating position | Vertical |
| Lamp holder | NLAB Standard |
| Start time | Instant |
| Driver | Built in |
| Reflector | High quality anodized reflector |
| Beam spreads | Flood |
| Design lifetime | L80 B10 50 000 h |

| Art no (EU) | Description | Color |
|-------------|-------------------------|-------|
| 204-529 | Grid 2000, 1900 mm, 830 | White |
| 204-530 | Grid 2000, 1900 mm, 835 | White |
| 204-531 | Grid 2000, 1900 mm, 840 | White |
| 204-538 | Grid 4000, 1700 mm, 830 | White |
| 204-539 | Grid 4000, 1700 mm, 835 | White |
| 204-540 | Grid 4000, 1700 mm, 840 | White |
| 204-541 | Grid 4000, 1900 mm, 830 | White |
| 204-542 | Grid 4000, 1900 mm, 835 | White |
| 204-543 | Grid 4000, 1900 mm, 840 | White |
| 204-550 | Grid 5000, 1700 mm, 830 | White |
| 204-551 | Grid 5000, 1700 mm, 835 | White |
| 204-552 | Grid 5000, 1700 mm, 840 | White |
| 204-553 | Grid 5000, 1900 mm, 830 | White |
| 204-554 | Grid 5000, 1900 mm, 835 | White |
| 204-555 | Grid 5000, 1900 mm, 840 | White |

Note

Product also available in higher power levels. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 89,5 B 80,4 C 1630/1892 D 1640-1700/1900 (mm)

Grid LED 6000/7000/8000 for functional ceiling

Technical specification

Linear down light for LED tubes. Reflector with flood beam spread. Housing of powder painted sheet metal.

Model and colors Available in white.

Area of use LED light for indoor applications. Suitable for general lighting.

Technical data

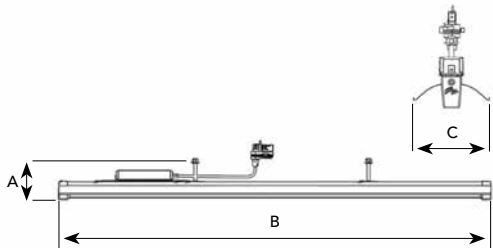
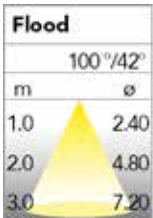
| | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 4.1 kg/4.6 kg |
| Form of protection | IP 20, class I |
| Operating position | Vertical |
| Lamp holder | NLAB Standard |
| Start time | Instant |
| Driver | Built in |
| Reflector | High quality anodized reflector |
| Beam spreads | Flood |
| Design lifetime | L80 B10 50 000 h |

| Art no (EU) | Description | Color |
|-------------|-------------------------|-------|
| 204-562 | Grid 6000, 1700 mm, 830 | White |
| 204-563 | Grid 6000, 1700 mm, 835 | White |
| 204-564 | Grid 6000, 1700 mm, 840 | White |
| 204-565 | Grid 6000, 1900 mm, 830 | White |
| 204-566 | Grid 6000, 1900 mm, 835 | White |
| 204-567 | Grid 6000, 1900 mm, 840 | White |
| 204-574 | Grid 7000, 1700 mm, 830 | White |
| 204-575 | Grid 7000, 1700 mm, 835 | White |
| 204-576 | Grid 7000, 1700 mm, 840 | White |
| 204-577 | Grid 7000, 1900 mm, 830 | White |
| 204-578 | Grid 7000, 1900 mm, 835 | White |
| 204-579 | Grid 7000, 1900 mm, 840 | White |
| 204-586 | Grid 8000, 1700 mm, 830 | White |
| 204-587 | Grid 8000, 1700 mm, 835 | White |
| 204-588 | Grid 8000, 1700 mm, 840 | White |
| 204-589 | Grid 8000, 1900 mm, 830 | White |
| 204-591 | Grid 8000, 1900 mm, 835 | White |
| 204-592 | Grid 8000, 1900 mm, 840 | White |

Note

Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 131 B 1492 C 151 (mm)

Ibis LED 2000/4000/6000 /7000/8000

Technical specification

Linear down light for LED tubes. Reflector with flood beam spread. Housing of Powder painted aluminium.

Model and colors Available in grey.

Area of use LED light for indoor applications, suitable for general lighting.

Technical data

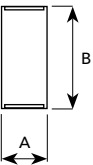
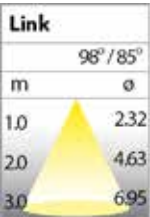
| | |
|-----------------------|---------------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 2 kg |
| Form of protection | IP 20, class I |
| Operating position | Vertical |
| Lamp holder | NLAB Standard |
| Driver | Included |
| Reflector | High quality anodized reflector |

| Art no (EU) | Description | Color |
|-------------|--|-------|
| 223-510 | Ibis 2000, track mounting | Grey |
| 223-511 | Ibis 4000, track mounting | Grey |
| 223-512 | Ibis 6000, track mounting | Grey |
| 223-513 | Ibis 7000, track mounting | Grey |
| 223-514 | Ibis 8000, track mounting | Grey |
| 208-36 | Horizontal wire and ceiling suspension | Grey |

Note

Product also available in higher power levels. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 33,5 B 75 (mm)

Link

Technical specification
Linear LED light with built in electronic gear. Housing of powder painted extruded aluminium for optimal cooling. Serial connection possible with easy Plug-in system for a continuous row of light. Link is easy and quick to install

Model and colors Recessed or suspended. Available in black.

Area of use LED light for indoor applications, suitable for general or decoration lighting.

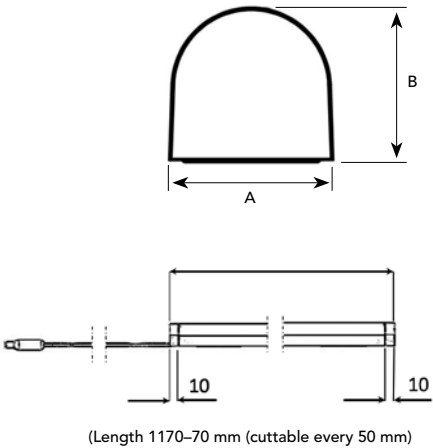
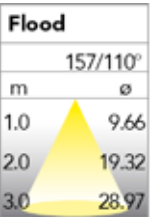
| Technical data | | |
|-----------------------|--------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 1.2 kg/2.2 kg/3 kg/3.5 kg/4 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 3 000 K | |
| Operating position | Horizontal | |
| Driver | Built in | |
| Optics | Opaque diffuser | |

| Art no (EU) | Description | Color |
|-------------|--|-------|
| 307-535-20 | L 934mm 830 | Black |
| 307-500-20 | L 1650mm 830 | Black |
| 307-510-20 | L 2150mm 830 | Black |
| 307-520-20 | L 2400mm 830 | Black |
| 307-530-20 | L 2900mm 830 | Black |
| 047-286 | Wire suspension kit | |
| 047-180-xx | Track clip white for threaded rod/wire | |
| 307-211-001 | Recessed bracket kit | |
| 307-203-001 | Locking device for serial connection | |

Note
Wire suspension kit or recessed bracket kit is ordered separate.

Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



A 25,8 B 24,2 (mm)

Rail

Technical specification
Linear LED light with separate LED driver. Serial connection possible up to 6 m per LED driver. Possible to field-cut every 50 mm. Mid power LEDs with high efficiency. Plastic diffusor cover for even light spread. Easy mounting with snap in brackets.

Model and colors Available with opaque cover.

Area of use Light for indoor back lighting, shelf lighting and other applications.

| Technical data | | |
|-----------------------|------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.41 kg/m | |
| Form of protection | IP 20, class III | |
| Operating position | Universal | |
| Driver | Separate | |
| Safety glass | Plastic diffusor | |

| Art no (EU) | Description | Color |
|-------------|--------------------------------------|--------|
| 234-125-002 | 1170 mm | Opaque |
| 234-202-001 | Cable set Secondary side, 2000 mm | White |
| 234-203-001 | Serial connector cable, 200 mm | White |
| 121-509 | LED driver 60 W incl. EU power cable | Grey |

Note
Special versions can also be produced depending on quantity. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



SPLiNE SPLiNE is a complete lighting system for all kinds of applications. Developed from the ground up with installation, flexibility and efficiency in mind.



Consisting of separate trunking units, LED battens and track lighting units. The SPLiNE system allows for flexible and modular planning while keeping installation and maintenance fast and simple.

Separate product brochure is available at www.nordiclight.com



String

Technical specification
Linear down light with included electronic gear. Housing of powder painted extruded aluminium for optimal cooling. Suitable for NLAB 3-phase track system.

Model and colors Available in white.

Area of use LED light for indoor applications, suitable for general lighting. Available for track or ceiling mounting.

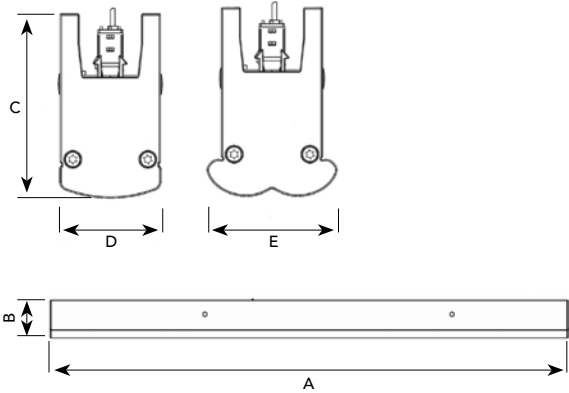
| Technical data | |
|-----------------------|---|
| Mains (input) voltage | 220-240 V |
| Total weight | 2.5 kg |
| Form of protection | IP 20, class I |
| Operating position | Vertical |
| Driver | Included |
| Safety glass | Included (2 different shapes available) |

| Art no (EU) | Description | Color |
|-------------|--|-------|
| 227-101-001 | B-shaped glass, 840 | White |
| 227-101-002 | Flat-shaped glass, 840 | White |
| 227-101-009 | B-shaped glass, 830 | White |
| 227-101-010 | Flat-shaped glass, 830 | White |
| 227-101-101 | B-shaped glass, 840 for ceiling mount | White |
| 227-101-102 | Flat-shaped glass, 840 for ceiling mount | White |
| 227-101-109 | B-shaped glass, 830 for ceiling mount | White |
| 227-101-110 | Flat-shaped glass, 830 for ceiling mount | White |

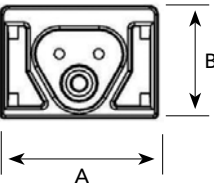
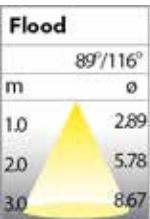
Note
Product also available with other Kelvin temperatures at request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com

| B-shaped | | Flat-shaped | |
|-----------|------|-------------|------|
| 109°/106° | | 114°/107° | |
| m | ø | m | ø |
| 1.0 | 2.64 | 1.0 | 2.70 |
| 2.0 | 5.29 | 2.0 | 5.41 |
| 3.0 | 7.93 | 3.0 | 8.11 |



A 1467 B 105 C 103 D 56 D 72 (mm)



A 20 B 14,4 (mm)

Vector

Technical specification
LED linear light with separate electronic gear. Housing of extruded aluminum for optimal cooling and low weight. NL Power electronic gear for optimal lamp life, light flow and colour performance. High performance energy efficient LEDs. Possible to serial connect up to 2A load Vector LED light same electronic gear.

Model and colors Available with diffuse cover and in different lengths.

Area of use Light for indoor back lighting, shelf lighting and other applications.

| Technical data | | |
|-----------------------|------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 0.41 kg/m | |
| Form of protection | IP 20, class III | |
| Operating position | Universal | |
| Driver | Separate | |
| Safety glass | Included | |

| Art no (EU) | Description | Color |
|-------------|-----------------|-------|
| 231-120-003 | 400lm/m 500mm | Grey |
| 231-122-003 | 400lm/m 750mm | Grey |
| 231-123-003 | 400lm/m 900mm | Grey |
| 231-124-003 | 400lm/m 1000mm | Grey |
| 231-125-003 | 400lm/m 1125mm | Grey |
| 231-126-003 | 400lm/m 1250mm | Grey |
| 231-127-003 | 400lm/m 1500mm | Grey |
| 231-101-001 | 800lm/m 500mm | Grey |
| 231-102-001 | 800lm/m 750mm | Grey |
| 231-103-001 | 800lm/m 900mm | Grey |
| 231-104-001 | 800lm/m 1000mm | Grey |
| 231-105-001 | 800lm/m 1125mm | Grey |
| 231-106-001 | 800lm/m 1250mm | Grey |
| 231-107-001 | 800lm/m 1500mm | Grey |
| 231-130-003 | 1600lm/m 500mm | Grey |
| 231-132-003 | 1600lm/m 750mm | Grey |
| 231-133-003 | 1600lm/m 900mm | Grey |
| 231-134-003 | 1600lm/m 1000mm | Grey |
| 231-135-003 | 1600lm/m 1125mm | Grey |
| 231-136-003 | 1600lm/m 1250mm | Grey |
| 231-137-003 | 1600lm/m 1500mm | Grey |

Note
Special versions can also be produced depending on quantity. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



Vector Accessories



| Art no (EU) | Description | Color |
|-------------|---|-------|
| 121-508 | NLP LED 60E-230V with Halogen free EU cable | Grey |
| 123-72 | Cable set, secondary side, 2 m | White |
| 123-73 | Cable set, secondary side, 4 m | White |
| 123-74 | Cable set, serial connection, 150 mm | White |
| 123-75 | Cable set, serial connection, 600 mm | White |
| 121-46 | Splitter, 6 outlets | Black |
| 123-78-10 | Mounting clip bracket | White |
| 123-190-10 | Tilt bracket 110 degree | White |
| 123-191-10 | Lightgap bracket | White |
| 123-192-10 | Tilt bracket 132 degree | White |
| 231-310-001 | Mounting clip bracket 45 degree | White |
| 123-54 | End Cover (included) | White |
| 950-01-114 | Magnetic strip | |



Light gap



45 degree



110 degree



132 degree

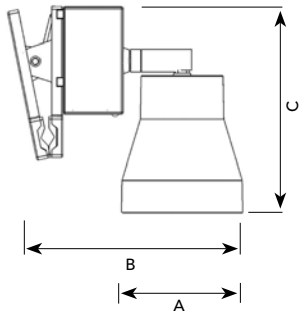


Others

For extended use. Our ongoing R&D is constantly supplying new products and accessories to our product catalogue and the market.



| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 15° | | 30° | | 53° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.26 | 1.0 | 0.54 | 1.0 | 1.00 |
| 2.0 | 0.53 | 2.0 | 1.09 | 2.0 | 2.00 |
| 3.0 | 0.79 | 3.0 | 1.63 | 3.0 | 3.00 |



A ø 88 B 160 C 150 (mm)

Clamp LED 6L

Technical specification

Portable fixture with six high power LEDs. High quality transparent. Polycarbonate lens with three beam spreads. Anti dazzle shade for reduced glare included as standard. Housing of Aluminum die-cast for efficient cooling of the LEDs. Integrated NL Power LED electronic ballast for optimal life time and light flow performance.

Model and colors Available in white.

Area of use Portable LED fixture for indoor applications..

Technical data

| | |
|-----------------------|------------------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 0.60 kg |
| Form of protection | IP 20, class II |
| Color temperature | 3 500 K |
| Light source | LED |
| Operating position | Universal |
| Control gear | Electronic |
| Start time | Instant |
| Driver | Built in |
| Optics | Transparent Polycarbon |
| Beam spreads | Spot, Medium, Flood |

| Art no (EU) | Description | Color |
|-------------|-------------------|-------|
| 148-503-10 | Spot | White |
| 148-504-10 | Medium | White |
| 148-505-10 | Flood | White |
| 189-58 | Anti-dazzle shade | Black |

Note

Product available in other Kelvin temperatures by request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used. Product measured without anti dazzle shade, elumdat files measured with anti dazzle shade is available at request.

For latest performance data please download datasheet from www.nordiclight.com



| Flood | |
|-----------|------|
| 111°/174° | |
| m | ø |
| 1.0 | 2.92 |
| 2.0 | 5.48 |
| 3.0 | 8.76 |



A 1500 B 78 C 78 (mm)

Corner LED

Technical specification

Linear LED fixture with built in driver.

Model and colors Metallic

Area of use Light for indoor back lighting, shelf lighting and other applications.

Technical data

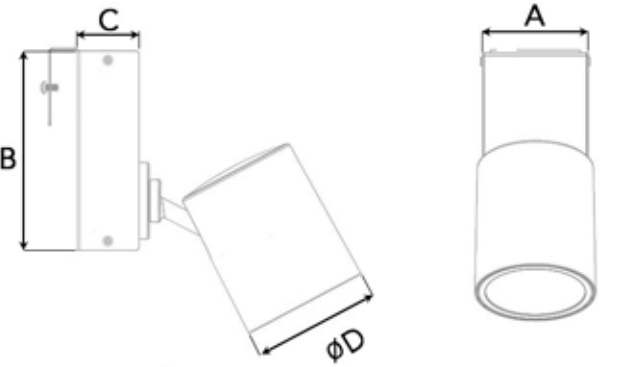
| | |
|-----------------------|----------------|
| Mains (input) voltage | 220-240 V |
| Total weight | 3.6 kg |
| Form of protection | IP 20, class I |
| Color temperature | 3 000 K |
| Light source | LED |
| Control gear | Electronic |
| Start time | Instant |

| Art no (EU) | Description | Color |
|-------------|--------------------------------|---------------|
| 264-500-30 | Corner incl light source 3000K | Metallic grey |

For latest performance data please download datasheet from www.nordiclight.com



| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 16° | | 31° | | 42° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.28 | 1.0 | 0.56 | 1.0 | 0.78 |
| 2.0 | 0.57 | 2.0 | 1.12 | 2.0 | 1.55 |
| 3.0 | 0.85 | 3.0 | 1.68 | 3.0 | 2.33 |



A 73 B 131 C 41 D 84 (mm)

EasyPoint 1

Technical specification
Light fixture with incorporated electronic gear and Chip on board. High quality reflectors with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Fixed power cable 3.5 m with plug.

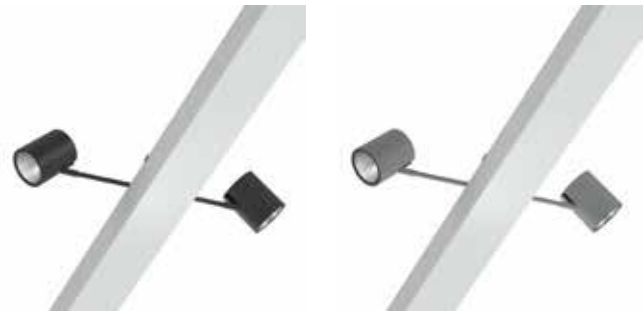
Model and colors Available in white, black and grey.
Area of use Functional ceiling for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 1.2 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/90° | |
| Start time | Instant | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

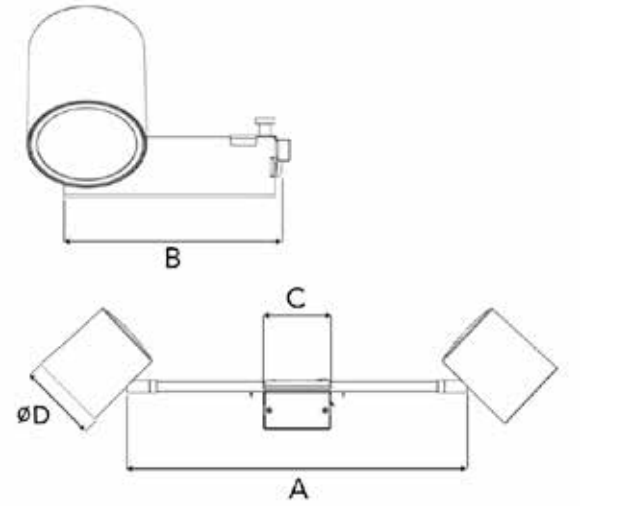
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 321-503-10 | Spot | White |
| 321-503-20 | Spot | Black |
| 321-503-30 | Spot | Grey |
| 321-504-10 | Medium | White |
| 321-504-20 | Medium | Black |
| 321-504-30 | Medium | Grey |
| 321-505-10 | Flood | White |
| 321-505-20 | Flood | Black |
| 321-505-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 16° | | 31° | | 42° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.28 | 1.0 | 0.56 | 1.0 | 0.78 |
| 2.0 | 0.57 | 2.0 | 1.12 | 2.0 | 1.55 |
| 3.0 | 0.85 | 3.0 | 1.68 | 3.0 | 2.33 |



A 400 B 150 C 74 D 84 (mm)

Easypoint 2

Technical specification
Light fixture with incorporated electronic gear and Chip on board. High quality reflectors with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Fixed power cable 3.5 m with plug.

Model and colors Available in white, black and grey.
Area of use Functional ceiling for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 1.65 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/90° | |
| Start time | Instant | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

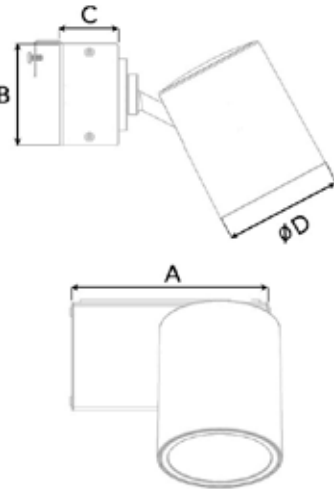
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 321-523-10 | Spot | White |
| 321-523-20 | Spot | Black |
| 321-523-30 | Spot | Grey |
| 321-524-10 | Medium | White |
| 321-524-20 | Medium | Black |
| 321-524-30 | Medium | Grey |
| 321-525-10 | Flood | White |
| 321-525-20 | Flood | Black |
| 321-525-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 16° | | 31° | | 42° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.28 | 1.0 | 0.56 | 1.0 | 0.78 |
| 2.0 | 0.57 | 2.0 | 1.12 | 2.0 | 1.55 |
| 3.0 | 0.85 | 3.0 | 1.68 | 3.0 | 2.33 |



A 131 B 72 C 41 D 84 (mm)

EasyPoint 3

Technical specification
Light fixture with incorporated electronic gear and Chip on board. High quality reflectors with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Fixed power cable 3.5 m with plug.

Model and colors Available in white, black and grey.
Area of use Functional ceiling for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 1.2 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/90° | |
| Start time | Instant | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

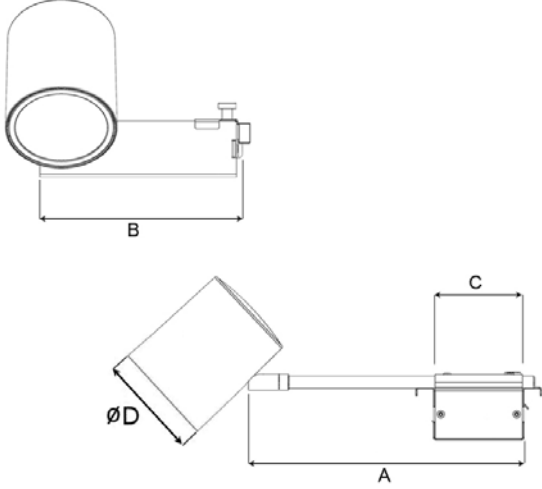
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 321-513-10 | Spot | White |
| 321-513-20 | Spot | Black |
| 321-513-30 | Spot | Grey |
| 321-514-10 | Medium | White |
| 321-514-20 | Medium | Black |
| 321-514-30 | Medium | Grey |
| 321-515-10 | Flood | White |
| 321-515-20 | Flood | Black |
| 321-515-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Spot | | Medium | | Flood | |
|------|------|--------|------|-------|------|
| 16° | | 31° | | 42° | |
| m | ø | m | ø | m | ø |
| 1.0 | 0.28 | 1.0 | 0.56 | 1.0 | 0.78 |
| 2.0 | 0.57 | 2.0 | 1.12 | 2.0 | 1.55 |
| 3.0 | 0.85 | 3.0 | 1.68 | 3.0 | 2.33 |



A 225 B 150 C 74 D 84 (mm)

Easypoint 4

Technical specification
Light fixture with incorporated electronic gear and Chip on board. High quality reflectors with three different beam spreads. Lamp housing of die-cast aluminium for optimal cooling, long lifetime and low weight. Fixed power cable 3.5 m with plug.

Model and colors Available in white, black and grey.
Area of use Functional ceiling for indoor applications.

| Technical data | | |
|-----------------------|------------------------------|--|
| Mains (input) voltage | 220-240 V | |
| Total weight | 1.3 kg | |
| Form of protection | IP 20, class I | |
| Color temperature | 3 000 K | |
| Light source | LED | |
| Operating position | 360°/90° | |
| Start time | Instant | |
| Driver | Built in | |
| Optics | Metalized aluminum reflector | |
| Beam spreads | Spot, Medium, Flood | |

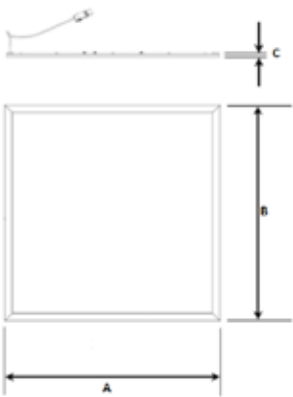
| Art no (EU) | Description | Color |
|-------------|-------------|-------|
| 321-533-10 | Spot | White |
| 321-533-20 | Spot | Black |
| 321-533-30 | Spot | Grey |
| 321-534-10 | Medium | White |
| 321-534-20 | Medium | Black |
| 321-534-30 | Medium | Grey |
| 321-535-10 | Flood | White |
| 321-535-20 | Flood | Black |
| 321-535-30 | Flood | Grey |

Note
Product available in other Kelvin temperatures on request. Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com



| Prism | | Soft | |
|-------|------|------|------|
| 90° | | 114° | |
| m | ø | m | ø |
| 1.0 | 2.00 | 1.0 | 3.10 |
| 2.0 | 4.00 | 2.0 | 6.21 |
| 3.0 | 6.00 | 3.0 | 9.31 |



A 595 B 595 C 14 (mm)

Edge

Technical specification

Edge's high grade prismatic diffuser offers comfortable and low glare lighting without individual LEDs being visible. Alternatively an opaque soft diffuser can be provided. The surface mounted variant is only 14 mm high. Separated NL Power LED electronic ballast for optimal life time and light flow performance.

Model and colors Surface mounted, recessed or suspended. Available in white

Area of use Light panel for Indoor applications.

Technical data

| | |
|--------------------|-----------------------|
| Total weight | 4 kg |
| Form of protection | IP 20, class III |
| Color temperature | 3 000 K |
| Light source | LED |
| Start time | Instant |
| Driver | Stand alone, included |

| Art no (EU) | Description | Color |
|-------------|-------------------------|-------|
| 301-500-10 | 3000 830 Prism diffusor | White |
| 301-501-10 | 3000 830 Soft diffusor | White |
| 301-510-10 | 3000 830 Prism diffusor | White |
| 301-511-10 | 3000 830 Soft diffusor | White |
| 301-503-10 | 4000 840 Prism diffusor | White |
| 301-504-10 | 4000 840 Soft diffusor | White |
| 301-513-10 | 4000 840 Prism diffusor | White |
| 301-514-10 | 4000 840 Soft diffusor | White |
| 301-520-10 | Surface mounted frame | White |
| 047-273 | Suspension kit, 6m wire | |

Note

Product available in other Kelvin temperatures on request.
Product available with DALI option on request.
Final shipping destination may require minor modifications of components as well as article numbers, be sure to state the country in which the fixtures will be used.

For latest performance data please download datasheet from www.nordiclight.com





Good to know and certificates

Lighting is complex. There are lot of things we need to know when working with lights. How the electronics in the fixtures is working as well as lamp life definitions. Guidelines and certificate needed for different use in different regions. All together helps us to keep a high safety and quality level.

LED lifetime

LED manufacturers provide data for the expected lifetime of their products under different operating conditions. The two parameters that affect the lifetime the most are temperature of the LED and current through the LED. Temperature also has an impact on the color consistency of the LED, as operation at high temperatures and may cause the color point of the LED to drift over time. The design lifetime for the Nordic Light range of LED luminaires is 50 000 h minimum. This means that thermal and electrical designs of the luminaires meet LED manufacturer requirements for a lifetime of min 50 000 h.

Efficacy

The efficacy of a light source or a luminaire tells us how well it transforms electric energy into light. It is the ratio of luminous flux (measured in lumens, lm) to electric power (measured in watts, W).

Efficiency tells us how much of the energy that is conserved in the desired form as it passes through a stage in the luminaire. Consider two examples that will occur in an LED luminaire.

- Electric energy is transformed from mains voltage AC to low voltage DC. The efficiency of the AC-DC converter is the ratio of output power to input power.
- Light is being directed by an optical element, i.e. a lens or a reflector. The efficiency of the element is the ratio of luminous flux that exits the element to the flux that enters it.

When comparing the efficacies of two luminaires there is a question that needs to be asked:

Are both numbers taken on a system level, and under actual working conditions?

When talking about the efficacy of LED lighting, it is often the efficacy of the LED itself that is mentioned. When placing the LED in a luminaire that can be powered from mains and direct the light in a desired pattern two sources of loss are introduced.

- Loss in power conversion. Efficiency of the AC-DC converter is typically in the range of 85-92%.
- Loss in secondary optics. An LED is always used with some kind of additional optics. The simplest form is a clear glass that protects the LED without affecting the light pattern, but it can also be lenses or reflectors. As the solutions can be very different efficiency will also differ, values of 75-95% can be expected.

The efficacy of the LED given by the manufacturer is measured at a certain temperature, often +25°C. As there is a strong dependency between temperature and efficacy of an LED, efficacy needs to be re-rated for the actual temperature in the application. An LED rated at 100 lm/W at +25°C may have an efficacy of 90-92 lm/W when mounted in a luminaire where temperature reaches +75°C.

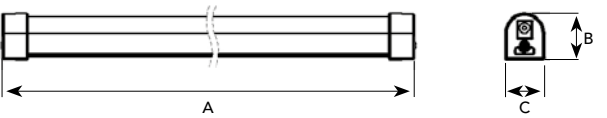
LED tubes

High performance led tubes with mid power led chips. Replaceable and exchangeable.

For the second generation of Nordic Light LED tubes electrical interface and LED components have been updated, resulting in a performance increase. The range is split in two groups:

- Standard, which can be powered with up to 54 W, delivers good efficacy in low and medium output applications.
- HE, which can be powered with up to 72 W, targets applications with a demand for very high efficacy or light output.

Standard and HE are available with clear or diffusing cover glass in color temperatures of 3000, 3500 and 4000 K.



A 1450 B 29 C 24 (mm) Weight: 0.5 kg

Heat simulation and cooling

Low operating temperatures is important to achieve high performance and a long lifetime on LED luminaires.

Nordic Light uses advanced Heat Simulation software to verify the thermal conditions of the design.

By analyzing the simulated data of airflow and temperature gradients, Nordic Light can optimize the fixture in an early design stage.

Additionally to simulations, verification of prototypes is made using probes and a thermal imaging (IR) camera.

Before production starts, samples are heat tested in temperature controlled test rooms.

The tests verify that the products will meet all requirements regarding expected lifetime and quality of light over time.



COB (Chip on Board)

LED components come in many different sizes and packages and must be selected carefully so that the characteristics match the application. Lighting class LEDs can roughly be divided into three main categories: Low/mid power, High power and Chip on Board, COB. The Nordic Light range of luminaires utilizes all three categories. Linear products are based on low/mid power LEDs for best efficacy. The secondary optics in outdoor products rely on the very small light emitting surfaces of high power LEDs. In tracklights and downlights, for indoor use, COBs offer the best tradeoff between efficacy and cost.

A COB consists of a many low/min power LED chips mounted densely on a common carrier (PCB board). A configuration of LED chips in strings with twelve chips in series has become an industry standard. This ensures electrical compatibility between COBs from different manufacturers. Depending on flux rating, the number of such strings in a COB can vary from a single string up to twenty or even more. The individual LED chips are not visible as they are covered by a layer of phosphor coating that converts the blue light emitted by the chips into white light.

The dense mounting of LED chips in a COB dissipates a lot of heat in a small area. Keeping low temperature on the COB is the key factor for efficacy and lifetime. This makes the thermal design of a COB luminaire very important.

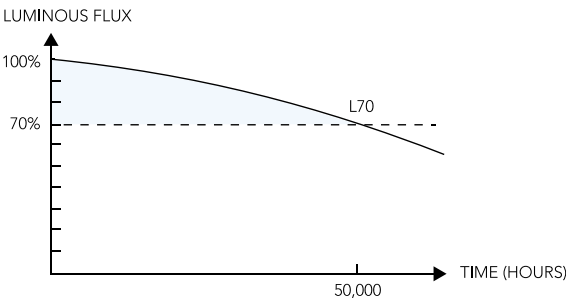
To ensure good thermal performance, Nordic Light makes heat simulations already in design stage to verify the cooling. In addition real tests are conducted first batch samples prior to production start.



Designed lifetime

U.S Department of Energy (DOE) recommend manufacturers to use B50 L70 @ 50000H as a definition standard on life designation for LED light sources. LEDs can continue to operate at very low light levels compared to HID and other light sources.

L70 Shorthand for lumen depreciation to 70% of initial lumen output. B50 are a target statistical confidence interval used in conjunction with the lumen depreciation (L). It indicates no more than 50% of a sample of LED devices would be expected to fail before a certain number of operating hours. Failures mean light output drops below a target lumen maintenance level. (Such as L70 or L50).



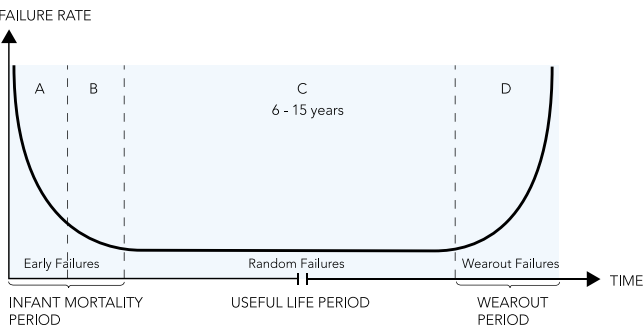
Spreading angle from optics

Shown angles are measured in darkroom and correspond to the international Elumdat standard requiring 50% of light flow to be within the indicated angle. The standard does not specify where the remaining 50% of light flow outside the stated angle must be distributed, making it difficult to compare the results with other suppliers. Observe that straylight is not defined.

Electronic prognostics/ Reliability “bathtub” curve

Bathtub Curve Showing Failure Rate with Time, along with Remaining Useful Life (RUL) Period. Failure probability for a device typically follows a bathtub curve, with three distinct regions; 1) Infant Mortality (Burn-In) Region. Initial higher probability of failures, related to manufacturing defects. 2) Useful Life Period. Minimum, almost constant, failure rate mostly by temperature, vibration etc. 3) Wearout (End-of-Life) Region. Due to wearout or fatigue mechanisms, probability of failure increases.

Default Ratio; Electronics general “Bathtub” curve scenario:

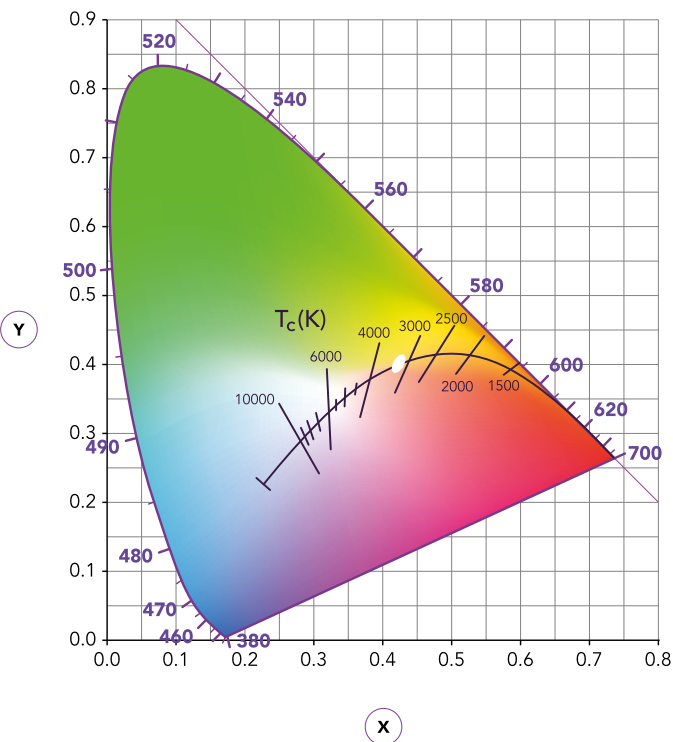


- A Extreme. Burn-in period provoked by NL to “achieve” failures at factory to limit field problems.
- B Approx 3-5 pcs per 1 000 could occur during this period
- C Temperature related running lifetime
Tc=+10°C abovegear Tc means 50% lifetime decrease expectancy
Tc=-10°C below gear Tc means 200% lifetime increase expectancy
Remarks NL has fixtures already built 1993-1995 still running in shopwindow environment
- D Time death by aging

Color consistency and MacAdam ellipses

The expression color consistency relates to the difference in color point between light sources. A set of light sources with good color consistency shows small differences in color point between any two units compared.

Color consistency is one of the most important factors when evaluating the quality of light from a source. This is especially true in applications where light from many sources will be visible at the same time. With a single light source, the eye can accept light with quite large deviations from what is actually white. If a difference of the same magnitude occurs between two adjacent luminaires, it will be instantly visible.



To enable a comparison, the color consistency has to be quantified. The maximum difference can be described as a distance in the CIE 1931 color space, but since the perceived color deviation for a certain distance will be different depending on the color temperature of the light source and the composition of distances in x and y direction, this number is not suitable to use in a comparison.

To address this problem, the concept of MacAdam ellipses was introduced by the color scientist Dr. David Macadam. It is based on data from surveys, where a large number of participants were asked to tune an adjustable light source until they no longer could see a difference between the adjustable light source and a reference. By analyzing the recorded data statistically, MacAdam was able to show that the perceivable differences could be plotted as ellipses centered at the references in the CIE 1931 color space.

To facilitate a comparison, the ellipses can be drawn in different sizes, steps, ranging from 1 to 7 where 1 is the smallest. If the color consistency of a light source is specified as a 3-step MacAdam ellipse or 3 SDCM, it simply means that the color co-ordinates of every measured unit will fall within a 3-step ellipse.

It is generally considered that within a 1-step MacAdam ellipse, there is no perceivable difference between the different units. At 3 steps, which is the value specified for most HID lamps used in professional lighting, about half of the population will be able to see differences. Light sources specified at 4 steps or higher should be avoided in applications where light quality is of importance. The Nordic Light range of LED Luminaires are designed and tested to fall within a 3 step ellipse.

Below BBL (Black Body Locus)

The introduction of LED:s and phosphor mixing increased the possibility to tailor light spectrums with different color points and color quality for different needs.

The possibility to move the color point has introduced new versions of the light sources with same kelvin temperature but slightly shifted off Black Body Locus (BBL). One version particularly interesting for shop light is positioned below the black body line.

One of the reasons for this is that it can represent white in a less yellowish tint at higher CRI levels.

This mix have different trademark names from different vendors but is generally called Below Black Body Locus (BBBL).

Ingress Protection (IP)

| The first digit of the number designates protection from solid objects. | The second digit designates protection from moisture. |
|---|---|
| 0 No protection | 0 No protection |
| 1 Protection against objects > 50 mm | 1 Protection against vertically dripping water |
| 2 Protection against objects > 12 mm | 2 Protection against water when tilted +/- 15° |
| 3 Protection against objects > 2.5 mm | 3 Protection against spraying water |
| 4 Protection against objects > 1.0 mm | 4 Protection against splashing water |
| 5 Dust protected | 5 Protection against jetting water |
| 6 Dust tight | 6 Protection against heavy jetting water |
| | 7 Protection against temporary immersion in water |
| | 8 Protection against continuous immersion in water |



Country certificates

| Symbol | Text | Symbol | Text | Symbol | Text |
|--------|--------------------------------------|--------|--------------------------------|--------|-------------------------------|
| | ETL Approved, Canada and USA | | C mark, Croatia | | UL Recognized, Canada and Usa |
| | ETL Classified, Canada and USA | | China Compulsory Certification | | UL listed, Canada and Usa |
| | S mark, Sweden and EU Intertek SEMKO | | KC mark, South Korea | | UL Classified, Canada and Usa |
| | EAC mark Belarus, Russia, Kazakhstan | | PSE mark, Category B Japan | | Saudi Arabia |
| | Safety Extra Low Voltage | | PSE mark, Category A Japan | | Germany and Europe |

Safety symbols

| Symbol | Text | Symbol | Text | Symbol | Text |
|--------|--|--------|--|--------|---|
| | Recessed luminaire must not be covered with insulating material. | | Fail-safe separating transformer | | Replace broken protective glass |
| | Recessed luminaire must not be installed in normally flammable spaces. | | Short-circuit-proof separating transformer | | Minimum distance too lighted object. |
| | Luminaire must not be installed to normally flammable surfaces. | | Non-short-circuit-proof separating transformer | | Class-II, luminaire is double insulated. |
| | Luminaire intended for indoor use only. | | Safety isolating control gear | | Class-III, luminaire input is protective low voltage. |
| | Luminaire only to use with self-shielded lamp. | | Short-circuit-proof safety isolating transformer | | Luminaire with limited outer temperature. |
| | WEEE symbol. Waste Electrical and Electronic Equipment Directive | | Non-short-circuit-proof safety isolating transformer | | Symbol for grounding / earth |
| | CE mark according to requirements of 2004/108/EC and 2006/95/EC | | Independent control gear | | Symbol for Power Factor Correction (PFC) |
| | Luminaire with built-in control gear intended to be installed at normally flammable surfaces. F mark has been replaced by other symbols in new standard. | | Suitable for installing on or in furniture made from materials with unknown flammability | | Rated maximum ambient temperature, If TA not stated at product then the normal TA is 25°C |
| | | | | | Rated maximum temperature at casing or specified point |

