

# Product datasheet

Track system 3-Phases 230V, Horus, white, 220-240V AC/50-60Hz, 20,00 W, neutral white



## Technical Data

### General Characteristics

|                      |          |
|----------------------|----------|
| Material             | aluminum |
| Colour               | white    |
| Optics               | matt     |
| included in delivery |          |

### Electrical Characteristics

|                             |                             |
|-----------------------------|-----------------------------|
| Power / power consumption   | 20,00 W / 20,00 W           |
| Input Voltage               | 220-240V AC/50-60Hz         |
| Input current               |                             |
| Base (standard designation) |                             |
| Number of Bases             |                             |
| Power supply unit           | incl. LED-power supply unit |
| Electronically reversible   | not dimmable                |
| Connection possibility      | adapter                     |
| Protection class I, II, III | I                           |

### Light Technical Data

|                             |                  |
|-----------------------------|------------------|
| Bulb                        | LED-module fixed |
| Colour Designation          | neutral white    |
| Colour temperature          | 4000 K           |
| Luminous flux               | 1785 lm          |
| Beam angle / UGR            | 40° / <19        |
| LED type                    | SMD              |
| LED quantity                | 14               |
| Spectral power distribution | 579 nm           |



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## Light Direction

|                            |                  |
|----------------------------|------------------|
| Rotating and tilting range | rotatable-swivel |
| Angle of inclination       | 350 °            |
| Radiation direction        |                  |
| Reflector / lense          | symmetrisch      |

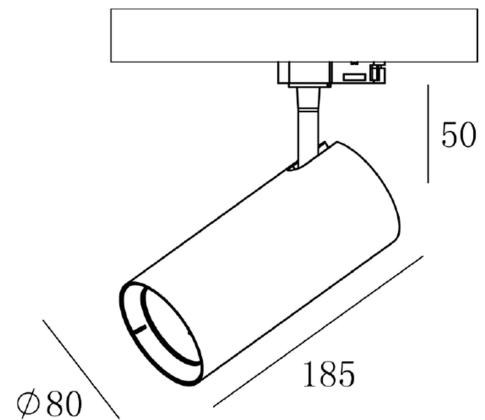
## Dimensions & Weight

|                |        |
|----------------|--------|
| Length         | 185,00 |
| Width          | 0,00   |
| Height         | 0,00   |
| Diameter       | 80,00  |
| Product Weight | 664 g  |

## Absolute maximum ratings

The LED will get damaged and the lifetime will decrease when you overrun absolute maximum ratings.

|                     |               |
|---------------------|---------------|
| Working temperature | -20°C - +40°C |
| Storage temperature | -20°C - +40°C |
| IP - Code           | IP20          |



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## General product data

### Environmental Characteristics

|                    |              |
|--------------------|--------------|
| Energy label       |              |
| Energy consumption | 20 kWh/1000h |

### Lifespan

|                                 |         |
|---------------------------------|---------|
| Lamp life time                  | 54000 h |
| Luminous flux (end of lifetime) | 0,70    |
| Number of switching cycles      | 30000   |

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IP20

Protection against penetration of foreign objects > 50 mm. No protection against penetration of water.

Lightings of Protection Class I



in which the protection against electric shock is not based solely on isolation, but an additional safety measure contains such a way that accessible conductive parts are equipped with means for connection to the protective conductor of the fixed installation, so that in case of failure of the basic insulation exposed conductive parts cannot be active.



Because of the complex manufacturing process of the LED the above shown data are just a statistical size, which is not forced to be the realistic data of every LED.



The light source of this luminaire may only be replaced by the manufacturer or by a service technician appointed by him or by a comparable qualified person

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