

## LED Prodisc Helios

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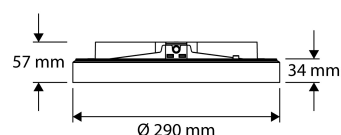
LED Prodisc Helios Mini white

# 40008885

EAN: 8721063003570

### ELEGANT LUMINAIRE WITH HALO BACKLIGHT FEATURING PREMIUM MULTIFUNCTIONAL DESIGN

"ELEGANT LUMINAIRE WITH HALO BACKLIGHT FEATURING PREMIUM MULTIFUNCTIONAL DESIGN Prodisc Helios combines refined aesthetics and professional versatility. The elegant halo backlight and metal ring design create a visual delight, while the multifunctional design meets various needs. Prodisc Helios offers multi-switchable light outputs and CCT options. It also features low-glare comfort and versions with motion sensor and 3H self-testing emergency lighting - ideal for both residential and commercial environments. The click-and-install gear tray simplifies installation, while multiple mounting options enhance flexibility.



## PRODUCT FEATURES

|  |                  |   |                        |
|--|------------------|---|------------------------|
| Suitable for wall mounting                     | ✓                | Suitable for number of light sources                                      | 1                      |
| Suitable for wall mounting                     | ✓                | LED nominal current at constant current                                   | 6 12 Milliampere       |
| Suitable for suspended mounting                | ✓                | Nominal voltage   | 220 240 Volt           |
| Suitable for ceiling mounting                  | ✓                | Nominal current   | 65 130 Milliampere     |
| Suitable for built-in mounting                 | ✗                | Rated lifetime L80/B50 at 25 °C   | 143000 Hour            |
| Suitable for surface mounting                  | ✓                | Rated lifetime L70/B50 at 25 °C   | 228000 Hour            |
| Suitable for light line configuration          | ✗                | Rated life time L70/B10 at 25 °C  | 170000 Hour            |
| Suitable for clamp-mounting                    | ✗                | Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq) | 94.88 Percentage       |
| With mounting material                         | ✓                | Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq) | 92.67 Percentage       |
| Suitable for workplace according to EN 12464-1 | ✓                | Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq) | 89.08 Percentage       |
| Lamp type                                      | LED exchangeable | Failure rate at median useful life of 35,000 h at 25 °C ambient (tq)      | 5.12 Percentage        |
| With light source                              | ✓                | Failure rate at median useful life of 50,000 h at 25 °C ambient (tq)      | 7.33 Percentage        |
| Lamp holder                                    | Other            | Rated life time L80/B10 at 25 °C  | 106000 Hour            |
| Housing material                               | Plastic          | Rated life time L90/B10 at 25 °C  | 50000 Hour             |
| Surface protection housing                     | Plastic-coated   | Failure rate at median useful life of 75,000 h at 25 °C ambient (tq)      | 10.92 Percentage       |
| Housing colour                                 | White            | Rated life time L90/B50 at 25 °C  | 69000 Hour             |
| Material cover                                 | Plastic, opal    | Max. number of luminaires per miniature circuit breaker C10 (MCB)         | 150                    |
| Voltage type                                   | AC/DC            | Max. number of luminaires per miniature circuit breaker B16 (MCB)         | 120                    |
| Type of control gear                           | Not required     | Max. number of luminaires per miniature circuit breaker C16 (MCB)         | 240                    |
| With control gear                              | ✓                | Rated ambient temperature according to IEC 62722-2-1                      | -25 50 Degrees celsius |
| Exchangeable control gear                      | ✓                | Luminaire efficacy  | 120 Lumen/Watt         |
| Dimmable                                       | ✗                | Rated luminous flux according to IEC 62722-2-1                            | 920 Lumen              |
| Dimming 0-10 V                                 | ✗                | Suitable for lamp power   | 4 11 Watt              |

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|  |                           |   |                         |
|--|---------------------------|---|-------------------------|
| Dimming 1-10 V   | ✗                         | Luminaire efficacy                              | 105 120 Lumen/Watt      |
| Dimming DALI   | ✗                         | Max. system power                               | 11 Watt                 |
| Dimming DALI-2   | ✗                         | Rated luminous flux according to IEC 62722-2- 1 | 460 920 Lumen           |
| Dimming DMX  | ✗                         | Colour temperature                              | 3000 4000 Kelvin        |
| Dimming GPRS   | ✗                         | Flickering value Pst LM                         | 0.6                     |
| Dimming LineSwitch   | ✗                         | Power factor                                    | 0.915                   |
| Dimming DSI  | ✗                         | Stroboscope effect value SVM                    | 0.1                     |
| Dimming manufacturer's proprietary system  | ✗                         | Width   | 290 Millimetre          |
| Dimming mains voltage modulation   | ✗                         | Height/depth                                    | 57 Millimetre           |
| Dimming phase cut-off (trailing edge)  | ✗                         | Length  | 290 Millimetre          |
| Dimming phase cut-on (leading edge)  | ✗                         | Outer diameter                                  | 290 Millimetre          |
| Dimming programmable   | ✗                         | Total harmonic distortion                       | 0.228                   |
| Dimming potentiometer (integrated)   | ✗                         | Luminous intensity                              | 413 Candela             |
| Dimming RF   | ✗                         | Number of poles                                 | 4                       |
| Dimming Sine Wave Reduction  | ✗                         | Conductor cross section                         | 2.5 Square millimetre   |
| Dimming Touch and Dim  | ✗                         | Total harmonic distortion (THD)                 | 0.228 Percentage        |
| Dimming Zigbee   | ✗                         | Connectable conductor cross section             | 1 2.5 Square millimetre |
| Dimming with push-button   | ✗                         | Luminous intensity                              | 200 455 Candela         |
| No dim function  | ✓                         | Unified Glare Ratio (UGR)                       | 16                      |
| Dimming depending on control gear  | ✗                         |   |                         |
| Light distributor  | Diffuser lens/optic/panel |   |                         |
| Light distribution   | Symmetric                 |   |                         |
| Beam angle   | > 80° - Extreme wide beam |   |                         |
| Colour consistency (McAdam ellipse)  | SDCM3                     |   |                         |
| Light outlet   | Direct                    |   |                         |
| Energy efficiency class of the light source according to EU regulation 2019/2015 | C                         |   |                         |
| Containing product according to 2019/2020/EU                                     | ✓                         |   |                         |
| Energy efficiency class of the built-in lamp                                     | Other                     |   |                         |
| Energy efficiency class of the provided exchangeable built-in lamp               | C                         |   |                         |
| Highest energy efficiency class of the exchangeable lamp                         | C                         |   |                         |
| Lowest energy efficiency class of the exchangeable lamp                          | C                         |   |                         |
| Degree of protection (IP), rear side   | IP40                      |   |                         |
| Degree of protection (IP), front side  | IP40                      |   |                         |
| Degree of protection (IP)  | IP40                      |   |                         |
| Degree of protection (NEMA)  | 3                         |   |                         |
| Impact strength  | IK08                      |   |                         |
| Protection class according to IEC 61140  | II                        |   |                         |
| Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24  | ✓                         |   |                         |
| Emergency power supply integrated  | ✗                         |   |                         |
| Emergency power supply system  | None                      |   |                         |
| Suitable for emergency lighting  | ✗                         |   |                         |
| Emergency function monitoring system   | None                      |   |                         |
| With switch  | ✗                         |   |                         |
| With presence detector   | ✗                         |   |                         |
| With movement sensor   | ✗                         |   |                         |
| With light sensor  | ✗                         |   |                         |
| Covering of the luminaire with thermally insulating material possible            | ✗                         |   |                         |

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|  |   |
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| With air slots                               | ✗   |
| Filament test according to IEC 60695-2-11    | 650 °C - 30 s                                       |
| Colour of light according to EN 12464-1      | Neutral white 3300-5300 K                           |
| Colour of light                              | White   |
| Colour rendering index CRI                   | 80-89   |
| Constant light output (CLO)                  | ✗   |
| Type of wiring                               | Ending  |
| Connection type                              | Plug-in connector for plug-in building installation |
| Photobiological safety according to EN 62471 | RG0   |
| Colour of light adjustable                   | Positions   |
| Luminous flux adjustable                     | Positions   |
| Beam angle adjustable                        | No  |
| Operation by Bluetooth                       | ✗   |
| Compatible with Casambi                      | ✗   |
| Compatible with Apple HomeKit                | ✗   |
| Compatible with Google Assistant             | ✗   |
| Compatible with Amazon Alexa                 | ✗   |
| IFTTT support available                      | ✗   |
| Ball-proof according to DIN 18032-3          | ✗   |