

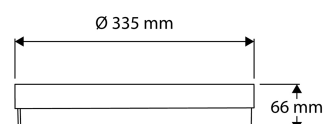
LED Prodisc III white

# 40008240

EAN: 8721063008872

### A SOPHISTICATED LIGHTING SOLUTION WITH VERSATILE FUNCTIONALITY FOR LONG-LASTING, CARE-FREE USER COMFORT

Technologically advanced with thoughtful design, further developed based on the Prodisc success formula. Prodisc III offers everything Prolumia lighting is known for: modern technology, energy-efficiency and a myriad of optional settings. The product comes with an indestructible housing that is easy to install on walls or ceilings. Prodisc III is an affordable luminaire that provides long-lasting and carefree ease of use.



### PRODUCT FEATURES

|                                                |                                         |                                                                           |                        |
|------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------|------------------------|
| Suitable for wall mounting                     | ✓                                       | Suitable for number of light sources                                      | 1                      |
| Suitable for suspended mounting                | ✗                                       | Nominal voltage                                                           | 220 240 Volt           |
| Suitable for ceiling mounting                  | ✓                                       | Nominal current                                                           | 145 470 Milliampere    |
| Suitable for built-in mounting                 | ✗                                       | Rated lifetime L70/B50 at 25 °C                                           | 175000 Hour            |
| Suitable for surface mounting                  | ✓                                       | Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq) | 95 Percentage          |
| Suitable for light line configuration          | ✗                                       | Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq) | 93 Percentage          |
| Suitable for clamp-mounting                    | ✗                                       | Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq) | 89 Percentage          |
| With mounting material                         | ✓                                       | Max. number of luminaires per miniature circuit breaker C10 (MCB)         | 27                     |
| Suitable for workplace according to EN 12464-1 | ✗                                       | Max. number of luminaires per miniature circuit breaker B16 (MCB)         | 43                     |
| Lamp type                                      | LED exchangeable                        | Max. number of luminaires per miniature circuit breaker C16 (MCB)         | 87                     |
| With light source                              | ✓                                       | Rated ambient temperature according to IEC 62722-2-1                      | -25 50 Degrees celsius |
| Lamp holder                                    | Other                                   | Luminous flux in emergency mode                                           | 0 Lumen                |
| Housing material                               | Plastic                                 | Power consumption in emergency mode                                       | 0 Watt                 |
| Surface protection housing                     | Other                                   | Suitable for lamp power                                                   | 6.9 21.8 Watt          |
| Housing colour                                 | White                                   | Luminaire efficacy                                                        | 111 113 Lumen/Watt     |
| Material cover                                 | Plastic, opal                           | Max. system power                                                         | 21.8 Watt              |
| Type of grid                                   | None                                    | Rated luminous flux according to IEC 62722-2-1                            | 850 2450 Lumen         |
| Voltage type                                   | AC                                      | Colour temperature                                                        | 3000 4000 Kelvin       |
| Type of control gear                           | LED operating device current-controlled | Flickering value Pst LM                                                   | 0.74                   |
| With control gear                              | ✓                                       | Power factor                                                              | 0.9                    |
| Exchangeable control gear                      | ✓                                       | Height/depth                                                              | 335 Millimetre         |
| Dimmable                                       | ✗                                       | Outer diameter                                                            | 66 Millimetre          |
| Dimming 0-10 V                                 | ✗                                       | Built-in length                                                           | 0 Millimetre           |
| Dimming 1-10 V                                 | ✗                                       | Built-in width                                                            | 0 Millimetre           |
| Dimming DALI                                   | ✗                                       | Built-in height/depth                                                     | 0 Millimetre           |

LED Prodisc III white

# 40008240

EAN: 8721063008872

### PRODUCT FEATURES

(continuation)

|                                                                                  |                           |                                     |                           |
|----------------------------------------------------------------------------------|---------------------------|-------------------------------------|---------------------------|
| Dimming DALI-2                                                                   | ✗                         | Built-in diameter                   | 0 Millimetre              |
| Dimming DMX                                                                      | ✗                         | Number of poles                     | 2                         |
| Dimming DSI                                                                      | ✗                         | Conductor cross section             | 2.5 Square millimetre     |
| Dimming manufacturer's proprietary system                                        | ✗                         | Total harmonic distortion (THD)     | 17 Percentage             |
| Dimming mains voltage modulation                                                 | ✗                         | Connectable conductor cross section | 1.5 2.5 Square millimetre |
| Dimming phase cut-off (trailing edge)                                            | ✗                         | Unified Glare Ratio (UGR)           | 25                        |
| Dimming phase cut-on (leading edge)                                              | ✗                         | Length of power cord                | 0 Millimetre              |
| Dimming programmable                                                             | ✗                         |                                     |                           |
| Dimming potentiometer (integrated)                                               | ✗                         |                                     |                           |
| Dimming RF                                                                       | ✗                         |                                     |                           |
| Dimming Touch and Dim                                                            | ✗                         |                                     |                           |
| Dimming Zigbee                                                                   | ✗                         |                                     |                           |
| Dimming with push-button                                                         | ✗                         |                                     |                           |
| 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 | D                         |                                     |                           |
| Containing product according to 2019/2020/EU                                     | ✓                         |                                     |                           |
| Degree of protection (IP), rear side                                             | IP54                      |                                     |                           |
| Degree of protection (IP), front side                                            | IP54                      |                                     |                           |
| Degree of protection (NEMA)                                                      | 1                         |                                     |                           |
| Impact strength                                                                  | IK03                      |                                     |                           |
| Protection class according to IEC 61140                                          | II                        |                                     |                           |
| Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24  | ✗                         |                                     |                           |
| Emergency power supply system                                                    | None                      |                                     |                           |
| Suitable for emergency lighting                                                  | ✗                         |                                     |                           |
| Emergency function monitoring system                                             | None                      |                                     |                           |
| With switch                                                                      | ✗                         |                                     |                           |
| With presence detector                                                           | ✗                         |                                     |                           |
| With movement sensor                                                             | ✓                         |                                     |                           |
| Movement sensor/presence detector technology                                     | Passive infrared          |                                     |                           |
| With light sensor                                                                | ✓                         |                                     |                           |
| Covering of the luminaire with thermally insulating material possible            | ✓                         |                                     |                           |
| With air slots                                                                   | ✗                         |                                     |                           |
| Filament test according to IEC 60695-2-11                                        | 850 °C - 30 s             |                                     |                           |
| Colour of light                                                                  | White                     |                                     |                           |
| Colour rendering index CRI                                                       | 80-89                     |                                     |                           |
| Constant light output (CLO)                                                      | ✗                         |                                     |                           |
| Type of wiring                                                                   | Ending                    |                                     |                           |
| Connection type                                                                  | Push-in clamp             |                                     |                           |
| Photobiological safety according to EN 62471                                     | RG0                       |                                     |                           |
| Colour of light adjustable                                                       | Positions                 |                                     |                           |
| Luminous flux adjustable                                                         | Positions                 |                                     |                           |
| Beam angle adjustable                                                            | No                        |                                     |                           |
| Operation by Bluetooth                                                           | ✗                         |                                     |                           |
| With connection cord and plug                                                    | ✗                         |                                     |                           |
| Compatible with Casambi                                                          | ✗                         |                                     |                           |

Prolumia LED Prodisc III

LED Prodisc III white

# 40008240  
EAN: 8721063008872

PRODUCT FEATURES  
(continuation)

|                                                                       |   |
|-----------------------------------------------------------------------|---|
| Compatible with Apple HomeKit                                         | ✗ |
| Compatible with Google Assistant                                      | ✗ |
| Compatible with Amazon Alexa                                          | ✗ |
| IFTTT support available                                               | ✗ |
| Ball-proof according to DIN 18032-3                                   | ✗ |
| Meets min. EIA lifetime criterion L90 (at 50,000 hours at tq = 25 °C) | ✓ |