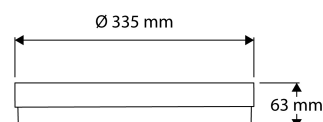# PROLUMIA®

LED Prodisc III

LED Prodisc III white

\# 40008373
EAN: 8721063000913

ELEGANT, MULTIFUNCTIONAL LIGHTING SOLUTION AT UNPRECEDENTED VALUE FOR MONEY

Technologically advanced with thoughtful design, further developed based on the Prodisc success formula. Prodisc III offers everything Prolumia lighting is known for: modern technology, highly energy efficient 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 affodable luminaire that provides long-lasting and carefree ease of use.

Ø 335 mm

63 mm

PRODUCT FEATURES

Feature	Value		Feature	Value	Unit
Suitable for wall mounting	✔		Nominal voltage	220|240	Volt
Suitable for wall mounting	✔		Rated lifetime L80/B50 at 25 °C	110000	Hour
Suitable for suspended mounting	✘		Rated lifetime L70/B50 at 25 °C	175000	Hour
Suitable for ceiling mounting	✔		Rated life time L70/B10 at 25 °C	120000	Hour
Suitable for built-in mounting	✘		Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq)	95	Percentage
Suitable for surface mounting	✔		Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq)	93	Percentage
Suitable for light line configuration	✘		Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq)	89	Percentage
Suitable for clamp-mounting	✘		Failure rate at median useful life of 35,000 h at 25 °C ambient (tq)	0	Percentage
With mounting material	✔		Failure rate at median useful life of 50,000 h at 25 °C ambient (tq)	0	Percentage
Suitable for workplace according to EN 12464-1	✘		Rated life time L80/B10 at 25 °C	75000	Hour
Lamp type	LED exchangeable		Rated life time L90/B10 at 25 °C	38000	Hour
With light source	✔		Failure rate at median useful life of 75,000 h at 25 °C ambient (tq)	0	Percentage
Lamp holder	Other		Rated life time L90/B50 at 25 °C	50000	Hour
Housing material	Plastic		Max. number of luminaires per miniature circuit breaker C10 (MCB)	57	
Surface protection housing	Other		Max. number of luminaires per miniature circuit breaker B16 (MCB)	55	
Housing colour	White		Max. number of luminaires per miniature circuit breaker C16 (MCB)	110	
Material cover	Plastic, opal		Rated ambient temperature according to IEC 62722-2-1	0|40	Degrees celsius
Type of grid	None		Power consumption in emergency mode	0	Watt
Voltage type	AC		Luminaire efficacy	100	Lumen/Watt
Type of control gear	LED operating device current-controlled		Rated luminous flux according to IEC 62722-2-1	2450	Lumen
With control gear	✔		Suitable for lamp power	9.5|24.5	Watt
Exchangeable control gear	✔		Luminaire efficacy	89|100	Lumen/Watt

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PRODUCT FEATURES
(continuation)

Dimmable	✖	Max. system power	24.5 Watt
Dimming 0-10 V	✖	Rated luminous flux according to IEC 62722-2- 1	850|2450 Lumen
Dimming 1-10 V	✖	Colour temperature	3000|4000 Kelvin
Dimming DALI	✖	Power factor	0.9
Dimming DALI-2	✖	Height/depth	63 Millimetre
Dimming DMX	✖	Outer diameter	335 Millimetre
Dimming GPRS	✖	Number of poles	3
Dimming LineSwitch	✖	Connectable conductor cross section	1.5|2.5 Square millimetre
Dimming DSI	✖		
Dimming manufacturer's proprietary system	✖		
Dimming mains voltage modulation	✖		
Dimming phase cut-off (trailing edge)	✖		
Dimming phase cut-on (leading edge)	✖		
Dimming programmable	✖		
Dimming potentiometer (integrated)	✖		
Dimming RF	✖		
Dimming Sine Wave Reduction	✖		
Dimming Touch and Dim	✖		
Dimming Zigbee	✖		
Dimming with push-button	✖		
No dim function	✔		
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	E		
Energy efficiency class of the built-in lamp	A++, A+, A (LED)		
Degree of protection (IP), rear side	IP20		
Degree of protection (IP), front side	IP20		
Degree of protection (IP)	IP44		
Degree of protection (NEMA)	1		
Impact strength	IK10		
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	Peripheral (individual battery)		
Suitable for emergency lighting	✔		
Emergency function monitoring system	None		
With switch	✖		
With presence detector	✖		
With movement sensor	✔		
Movement sensor/presence detector technology	High frequency		
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 according to EN 12464-1	Neutral white 3300-5300 K		

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PRODUCT FEATURES
(continuation)

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	RG1
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	✖
Meets min. EIA lifetime criterion L90 (at 50,000 hours at tq = 25 °C)	✖