

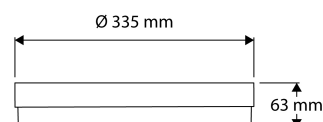
LED Prodisc III black

40008375

EAN: 8721063000920

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, 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 affordable luminaire that provides long-lasting and carefree ease of use.



PRODUCT FEATURES

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	Failure rate at median useful life of 75,000 h at 25 °C ambient (tq)	0 Percentage
With light source	✓	Rated life time L90/B10 at 25 °C	38000 Hour
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)	67
Surface protection housing	Other	Max. number of luminaires per miniature circuit breaker B16 (MCB)	64
Housing colour	Black	Max. number of luminaires per miniature circuit breaker C16 (MCB)	128
Material cover	Plastic, opal	Rated ambient temperature according to IEC 62722-2-1	-20 50 Degrees celsius
Type of grid	None	Power consumption in emergency mode	0 Watt
Voltage type	AC/DC	Luminaire efficacy	107 Lumen/Watt
Type of control gear	LED operating device current-controlled	Rated luminous flux according to IEC 62722-2-1	2150 Lumen
With control gear	✓	Suitable for lamp power	7 21.5 Watt
Exchangeable control gear	✓	Luminaire efficacy	100 107 Lumen/Watt

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PRODUCT FEATURES

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Dimmable	✗	Max. system power	21.5 Watt
Dimming 0-10 V	✗	Rated luminous flux according to IEC 62722-2- 1	750 2150 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	2
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		
Containing product according to 2019/2020/EU	✓		
Energy efficiency class of the built-in lamp	A++, A+, A (LED)		
Degree of protection (IP), rear side	IP44		
Degree of protection (IP), front side	IP44		
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	✗		
Suitable for emergency lighting	✗		
With switch	✗		
With presence detector	✗		
With movement sensor	✗		
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		
Colour of light	White		
Colour rendering index CRI	80-89		

Prolumia LED Prodisc III

PAGE 3/3

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PRODUCT FEATURES

(continuation)

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)	✗