

Prolumia LED Prodisc III

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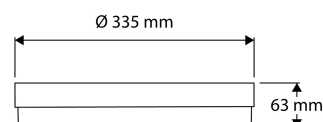
LED Prodisc III white

40008270

EAN: 8721063008797

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	✓	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)	28
Suitable for workplace according to EN 12464-1	✗	Max. number of luminaires per miniature circuit breaker B16 (MCB)	44
Lamp type	LED exchangeable	Max. number of luminaires per miniature circuit breaker C16 (MCB)	89
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	6.4 21.3 Watt
Housing colour	White	Luminaire efficacy	114 121 Lumen/Watt
Material cover	Plastic, opal	Max. system power	21.3 Watt
Type of grid	None	Rated luminous flux according to IEC 62722-2-1	850 2450 Lumen
Voltage type	AC/DC	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	63 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

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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)	16 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)	4		
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 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	✓		
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	✗		
Compatible with Apple HomeKit	✗		

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(continuation)

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)	✓