

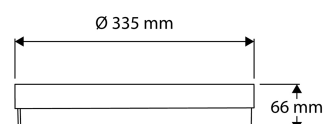
LED Prodisc III black

40008246

EAN: 8721063008902

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)	24
Suitable for workplace according to EN 12464-1	✗	Max. number of luminaires per miniature circuit breaker B16 (MCB)	39
Lamp type	LED exchangeable	Max. number of luminaires per miniature circuit breaker C16 (MCB)	78
With light source	✓	Rated ambient temperature according to IEC 62722-2-1	0 50 Degrees celsius
Lamp holder	Other	Luminous flux in emergency mode	235 Lumen
Housing material	Plastic	Power consumption in emergency mode	2.7 Watt
Surface protection housing	Other	Suitable for lamp power	8.5 24.5 Watt
Housing colour	Black	Luminaire efficacy	83 90 Lumen/Watt
Material cover	Plastic, opal	Max. system power	24.5 Watt
Type of grid	None	Rated luminous flux according to IEC 62722-2-1	750 2150 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

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(continuation)

Dimming DALI-2	✗	Built-in diameter	0 Millimetre
Dimming DMX	✗	Number of poles	3
Dimming DSI	✗	Conductor cross section	2.5 Square millimetre
Dimming manufacturer's proprietary system	✗	Total harmonic distortion (THD)	19.5 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	Peripheral (individual battery)		
Suitable for emergency lighting	✓		
Emergency function monitoring system	Automatic self test		
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	✗		

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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)	✓