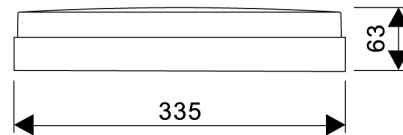# PROLUMIA®

LED Prodisc III

LED Prodisc III white

40009371
EAN: 8720604743777

GREAT TIME SAVINGS DUE TO SIMPLE INSTALLATION AND ELECTRICAL CONNECTION WITHOUT TOOLS

The Prodisc fixtures from Prolumia are now a household name in the market. Prolumia is pleased to announce the arrival of a new generation of Prodiscs. The Prodisc III series has a contemporary design and high efficiency. The extremely strong housing and shield consist of impact-resistant and flame-retardant polycarbonate. In addition, the luminaires are equipped with new lighting technology and a flicker-free driver, optionally with integrated motion sensor. Also available in an emergency version. This makes the competitively priced Prodisc III series very versatile.

PRODUCT FEATURES

Suitable for wall mounting	✔	Nominal voltage	220|240 Volt
Suitable for wall mounting	✔	Rated life time L70/B50 at 25 °C	175000 Hour
Suitable for suspended mounting	✖	Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq)	95 Percentage
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 50,000 h at 25 °C ambient (tq)	93 Percentage
Suitable for surface mounting	✔	Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq)	89 Percentage
Suitable for light line configuration	✖	Rated life time L80/B50 at 25 °C	110000 Hour
Suitable for workplace according to EN 12464-1	✖	Rated life time L80/B10 at 25 °C	75000 Hour
Lamp type	LED not exchangeable	Max. number of luminaires per miniature circuit breaker B16 (MCB)	58
With light source	✔	Rated life time L90/B10 at 25 °C	38000 Hour
Lamp holder	Other	Max. number of luminaires per miniature circuit breaker C16 (MCB)	116
Housing material	Plastic	Rated life time L90/B50 at 25 °C	50000 Hour
Surface protection housing	Other	Rated ambient temperature according to IEC 62722-2-1	-25|50 Degrees celsius
Housing colour	White	Max. system power	16.5 Watt
Material cover	Plastic, opal	Luminaire efficacy	100 Lumen/Watt
Type of grid	None	Rated luminous flux according to IEC 62722-2-1	1700 Lumen
Voltage type	AC	Colour temperature	3000|4000 Kelvin
Type of control gear	LED operating device current-controlled	Power factor	0.9
With control gear	✔	Height/depth	63 Millimetre
Exchangeable control gear	✖	Outer diameter	335 Millimetre
Dimming 0-10 V	✖	Number of poles	2
Dimming 1-10 V	✖		
Dimming DALI-2	✖		
Dimming DALI	✖		
Dimming DMX	✖		

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PRODUCT FEATURES
(continuation)

Dimming DSI	✖
Dimming potentiometer (integrated)	✖
Dimming GPRS	✖
Dimming LineSwitch	✖
Dimming manufacturer's proprietary system	✖
Dimming mains voltage modulation	✖
Dimming phase cut-off	✖
Dimming phase cut-on	✖
Dimming programmable	✖
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 sharing	Symmetric
Beam angle	Extreme wide beam >80°
Colour consistency (McAdam ellipse)	SDCM3
Light outlet	Direct
Energy efficiency class of the built-in lamp	A++, A+, A (LED)
Degree of protection (IP)	IP44
Impact strength	IK10
Protection class	II
Suitable for emergency lighting	✖
Emergency power supply integrated	✖
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	650 °C - 30 s
Colour of light	White
Colour rendering index CRI	80-89
Colour of light according to EN 12464-1	Neutral white 3300-5300 K
Type of wiring	Ending
Connection type	Push-in clamp
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	✖
Meets min. EIA service life criterion L90 (at 50,000 hours at tq = 25°C)	✖