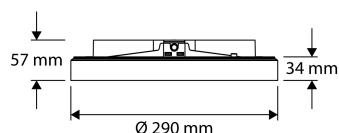# PROLUMIA®

LED Prodisc Helios

LED Prodisc Helios Mini white

40008888
EAN: 8721063003600

ELEGANT LUMINAIRE WITH HALO BACKLIGHT FEATURING PREMIUM MULTIFUNCTIONAL DESIGN

"ELEGANT LUMINAIRE WITH HALO BACKLIGHT FEATURING PREMIUM MULTIFUNCTIONAL DESIGN Prodisc Helios combines refined aesthetics and professional versatility. The elegant halo backlight and metal ring design create a visual delight, while the multifunctional design meets various needs. Prodisc Helios offers multi-switchable light outputs and CCT options. It also features low-glare comfort and versions with motion sensor and 3H self-testing emergency lighting - ideal for both residential and commercial environments. The click-and-install gear tray simplifies installation, while multiple mounting options enhance flexibility.

57 mm   34 mm   Ø 290 mm

PRODUCT FEATURES

Suitable for wall mounting	✔	Suitable for number of light sources	1	
Suitable for wall mounting	✔	LED nominal current at constant current	6|12	Milliampere
Suitable for suspended mounting	✔	Nominal voltage	220|240	Volt
Suitable for ceiling mounting	✔	Nominal current	65|130	Milliampere
Suitable for built-in mounting	✖	Rated lifetime L80/B50 at 25 °C	143000	Hour
Suitable for surface mounting	✔	Rated lifetime L70/B50 at 25 °C	228000	Hour
Suitable for light line configuration	✖	Rated life time L70/B10 at 25 °C	170000	Hour
Suitable for clamp-mounting	✖	Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq)	94.88	Percentage
With mounting material	✔	Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq)	92.67	Percentage
Suitable for workplace according to EN 12464-1	✔	Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq)	89.08	Percentage
Lamp type	LED exchangeable	Failure rate at median useful life of 35,000 h at 25 °C ambient (tq)	5.12	Percentage
With light source	✔	Failure rate at median useful life of 50,000 h at 25 °C ambient (tq)	7.33	Percentage
Lamp holder	Other	Rated life time L80/B10 at 25 °C	106000	Hour
Housing material	Plastic	Rated life time L90/B10 at 25 °C	50000	Hour
Surface protection housing	Plastic-coated	Failure rate at median useful life of 75,000 h at 25 °C ambient (tq)	10.92	Percentage
Housing colour	White	Rated life time L90/B50 at 25 °C	69000	Hour
Material cover	Plastic, opal	Max. number of luminaires per miniature circuit breaker C10 (MCB)	109	
Voltage type	AC/DC	Max. number of luminaires per miniature circuit breaker B16 (MCB)	87	
Type of control gear	Not required	Max. number of luminaires per miniature circuit breaker C16 (MCB)	175	
With control gear	✔	Rated ambient temperature according to IEC 62722-2-1	0|40	Degrees celsius
Exchangeable control gear	✔	Luminous flux in emergency mode	280	Lumen
Dimmable	✖	Power consumption in emergency mode	2.1	Watt
Dimming 0-10 V	✖	Luminaire efficacy	120	Lumen/Watt

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Dimming 1-10 V	✖	Rated luminous flux according to IEC 62722-2-1	920 Lumen
Dimming DALI	✖	Suitable for lamp power	4|11 Watt
Dimming DALI-2	✖	Luminaire efficacy	105|120 Lumen/Watt
Dimming DMX	✖	Max. system power	11 Watt
Dimming GPRS	✖	Rated luminous flux according to IEC 62722-2- 1	460|920 Lumen
Dimming LineSwitch	✖	Colour temperature	3000|4000 Kelvin
Dimming DSI	✖	Flickering value Pst LM	0.62
Dimming manufacturer's proprietary system	✖	Power factor	0.872
Dimming mains voltage modulation	✖	Stroboscope effect value SVM	0.9
Dimming phase cut-off (trailing edge)	✖	Width	290 Millimetre
Dimming phase cut-on (leading edge)	✖	Height/depth	57 Millimetre
Dimming programmable	✖	Length	290 Millimetre
Dimming potentiometer (integrated)	✖	Outer diameter	290 Millimetre
Dimming RF	✖	Total harmonic distortion	0.26
Dimming Sine Wave Reduction	✖	Luminous intensity	413 Candela
Dimming Touch and Dim	✖	Number of poles	4
Dimming Zigbee	✖	Conductor cross section	2.5 Square millimetre
Dimming with push-button	✖	Total harmonic distortion (THD)	0.26 Percentage
No dim function	✔	Connectable conductor cross section	1|2.5 Square millimetre
Dimming depending on control gear	✖	Luminous intensity	200|455 Candela
Light distributor	Diffuser lens/optic/panel	Unified Glare Ratio (UGR)	16
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	C		
Containing product according to 2019/2020/EU	✔		
Energy efficiency class of the built-in lamp	Other		
Energy efficiency class of the provided exchangeable built-in lamp	C		
Highest energy efficiency class of the exchangeable lamp	C		
Lowest energy efficiency class of the exchangeable lamp	C		
Degree of protection (IP), rear side	IP40		
Degree of protection (IP), front side	IP40		
Degree of protection (IP)	IP40		
Degree of protection (NEMA)	3		
Impact strength	IK08		
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	Automatic self test		
With switch	✖		
With presence detector	✖		
With movement sensor	✔		
Movement sensor/presence detector technology	High frequency		

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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 according to EN 12464-1	Neutral white 3300-5300 K
Colour of light	White
Colour rendering index CRI	80-89
Constant light output (CLO)	✖
Type of wiring	Ending
Connection type	Plug-in connector for plug-in building installation
Photobiological safety according to EN 62471	RG0
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	✖