

## LED Prodisc Helios

PAGE 1/3

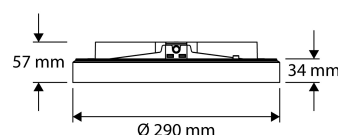
LED Prodisc Helios Mini black

# 40008891

EAN: 8721063003617

### 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.



## 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	Black	Rated life time L90/B50 at 25 °C	69000 Hour
Material cover	Plastic, opal	Max. number of luminaires per miniature circuit breaker C10 (MCB)	150
Voltage type	AC/DC	Max. number of luminaires per miniature circuit breaker B16 (MCB)	120
Type of control gear	Not required	Max. number of luminaires per miniature circuit breaker C16 (MCB)	240
With control gear	✓	Rated ambient temperature according to IEC 62722-2-1	-25 50 Degrees celsius
Exchangeable control gear	✓	Luminaire efficacy	110 Lumen/Watt
Dimmable	✗	Rated luminous flux according to IEC 62722-2-1	820 Lumen
Dimming 0-10 V	✗	Suitable for lamp power	4 11 Watt

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PAGE 2/3

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### PRODUCT FEATURES (continuation)

Dimming 1-10 V	✗	Luminaire efficacy	100 112 Lumen/Watt
Dimming DALI	✗	Max. system power	11 Watt
Dimming DALI-2	✗	Rated luminous flux according to IEC 62722-2- 1	410 820 Lumen
Dimming DMX	✗	Colour temperature	3000 4000 Kelvin
Dimming GPRS	✗	Flickering value Pst LM	0.6
Dimming LineSwitch	✗	Power factor	0.915
Dimming DSI	✗	Stroboscope effect value SVM	0.1
Dimming manufacturer's proprietary system	✗	Width	290 Millimetre
Dimming mains voltage modulation	✗	Height/depth	57 Millimetre
Dimming phase cut-off (trailing edge)	✗	Length	290 Millimetre
Dimming phase cut-on (leading edge)	✗	Outer diameter	290 Millimetre
Dimming programmable	✗	Total harmonic distortion	0.228
Dimming potentiometer (integrated)	✗	Luminous intensity	413 Candela
Dimming RF	✗	Number of poles	4
Dimming Sine Wave Reduction	✗	Conductor cross section	2.5 Square millimetre
Dimming Touch and Dim	✗	Total harmonic distortion (THD)	0.228 Percentage
Dimming Zigbee	✗	Connectable conductor cross section	1 2.5 Square millimetre
Dimming with push-button	✗	Luminous intensity	200 455 Candela
No dim function	✓	Unified Glare Ratio (UGR)	16
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	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	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	✗		

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PAGE 3/3

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### PRODUCT FEATURES

(continuation)

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	✗