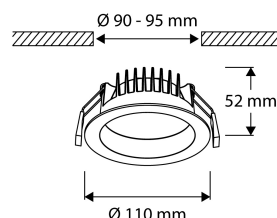


LED Pro-Logic 90

42174110

EAN: 8720615509607

Lighting quality at its best. Higher efficiency and enhanced visual comfort thanks to a new and patented microlens light diffuser.



PRODUCT FEATURES

Suitable for surface mounting	✗	Suitable for number of light sources	1
Suitable for built-in mounting	✓	LED nominal current at constant current	200 200 Milliampere
Suitable for wall mounting	✗	Nominal voltage	220 240 Volt
Suitable for wall mounting	✗	Nominal current	200 200 Milliampere
Suitable for suspended mounting	✗	Total harmonic distortion	0.2
Suitable for ceiling mounting	✓	Rated life time L70/B10 at 25 °C	155000 Hour
Suitable for traverse mounting	✗	Rated lifetime L70/B50 at 25 °C	155000 Hour
Suitable for pedestal/floor mounting	✗	Rated life time L80/B10 at 25 °C	98000 Hour
Suitable for light-track mounting	✗	Rated lifetime L80/B50 at 25 °C	98000 Hour
Suitable for clamp-mounting	✗	Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq)	0.93 Percentage
Suitable for low voltage cable system	✗	Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq)	0.9 Percentage
Adjustability	Not adjustable	Rated life time L90/B10 at 25 °C	47000 Hour
With movement sensor	✗	Lumen maintenance at median useful life of 100,000 h at 25 °C ambient (tq)	0.8 Percentage
With light sensor	✗	Rated life time L90/B50 at 25 °C	47000 Hour
Lamp type	LED not exchangeable	Failure rate at median useful life of 35,000 h at 25 °C ambient (tq)	0 Percentage
With light source	✓	Failure rate at median useful life of 50,000 h at 25 °C ambient (tq)	0 Percentage
Lamp holder	None	Failure rate at median useful life of 100,000 h at 25 °C ambient (tq)	0 Percentage
Housing material	Aluminium	Rated ambient temperature according to IEC 62722-2-1	-20 40 Degrees celsius
Surface protection	Powder coating	Suitable for lamp power	8 8 Watt
Housing colour	White	Max. system power	10 Watt
Material cover	Plastic, structured	Luminous flux	700 700 Lumen
Surface brushed	✗	Rated luminous flux according to IEC 62722-2-1	700 Lumen
Voltage type	AC	Lamp efficacy	103.529 Lumen/Watt
Type of control gear	LED operating device current-controlled	Colour temperature	3000 4000 Kelvin
With control gear	✓	Built-in diameter	90 Millimetre

LED Pro-Logic

LED Pro-Logic 90

42174110

EAN: 8720615509607

PRODUCT FEATURES

(continuation)

Dimming depending on control gear	✓	Power factor	0.9
Exchangeable control gear	✓	Flickering value Pst LM	0.009
Dimming 0-10 V	✗	Built-in width	98 Millimetre
Dimming 1-10 V	✗	Built-in height/depth	52 Millimetre
Dimming DALI-2	✗	Stroboscope effect value SVM	0
Dimming DALI	✗	Height/depth	52 Millimetre
Dimming DMX	✗	Outer diameter	110 Millimetre
Dimming DSI	✗	Built-in diameter	90 95 Millimetre
Dimming potentiometer (integrated)	✗	Number of poles	2
Dimming LineSwitch	✗	Conductor cross section	1.5 Square millimetre
Dimming manufacturer's proprietary system	✗	Connectable conductor cross section	0.5 1.5 Square millimetre
Dimming mains voltage modulation	✗	Luminaire efficacy	88 Lumen/Watt
Dimming phase cut-off (trailing edge)	✗	Max. number of luminaires per miniature circuit breaker B16 (MCB)	138
Dimming phase cut-on (leading edge)	✗	Max. number of luminaires per miniature circuit breaker C16 (MCB)	235
Dimming programmable	✗	Unified Glare Ratio (UGR)	22
Dimming RF	✗		
Dimming Sine Wave Reduction	✗		
Dimming Touch and Dim	✗		
Dimming Zigbee	✗		
No dim function	✓		
Dimming with push-button	✗		
Reflector	None		
Light distributor	Diffuser lens/optic/panel		
Light distribution	Symmetric		
Reflector colour	Other		
Beam angle	>80° - Extreme wide beam		
Light outlet	Direct		
Energy efficiency class of the light source according to EU regulation 2019/2015	E		
Degree of protection (IP)	IP54		
Constant light output (CLO)	✗		
Degree of protection (NEMA)	3R		
Impact strength	IK07		
Protection class according to IEC 61140	II		
Colour of light	White		
Colour of light adjustable	Positions		
Colour rendering index CRI	80-89		
Luminous flux adjustable	No		
Beam angle adjustable	No		
Type of wiring	Ending		
Emergency power supply integrated	✗		
Connection type	Push-in clamp		
Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24	✗		
Filament test according to IEC 60695-2-11	960 °C - 30 s		
Photobiological safety according to EN 62471	RG1		
Suitable for workplace according to EN 12464-1	✗		
Covering of the luminaire with thermally insulating material possible	✗		
IFTTT support available	✗		
Colour consistency (McAdam ellipse)	SDCM3		

LED Pro-Logic

LED Pro-Logic 90

42174110
EAN: 8720615509607

PRODUCT FEATURES
(continuation)

Compatible with Apple HomeKit	✕
Operation by Bluetooth	✕
Compatible with Google Assistant	✕
Compatible with Casambi	✕
Compatible with Amazon Alexa	✕