

LED Downlight 8W D2W 550Lm IP44 38° CRI>90 White Thorgeon



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Article number:	TH 03091
Status product:	126 - CURRENT
Changed last:	05-08-2024
Brand:	Thorgeon
Type:	Dim2warm
ETIM Group:	EG000027 - Luminaires
ETIM Classes:	EC001744 - Downlight/spot/floodlight
Synonym:	Building site lighting luminaire, Downlight, Downlight/spot/floodlight, Floodlight, Light-track luminaire, Light-track spot, Projector, Spot, Spot luminaire/floodlight



Feature

Suitable for surface mounting:	No	Energy efficiency class of the built-in lamp:	Other
Suitable for built-in mounting:	Yes	Total harmonic distortion:	32
Suitable for wall mounting:	No	Rated life time L70/B50 at 25 °C:	0 h
Suitable for suspended mounting:	No	Rated life time L80/B10 at 25 °C:	0 h
Suitable for ceiling mounting:	No	Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq):	0 %
Suitable for traverse mounting:	No	Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq):	0 %
Suitable for pedestal/floor mounting:	No	Lumen maintenance at median useful life of 100,000 h at 25 °C ambient (tq):	0 %
Suitable for light-track mounting:	No	Failure rate at median useful life of 35,000 h at 25 °C ambient (tq):	5 %
Suitable for clamp-mounting:	No	Failure rate at median useful life of 50,000 h at 25 °C ambient (tq):	0 %
Suitable for low voltage cable system:	No	Failure rate at median useful life of 100,000 h at 25 °C ambient (tq):	0 %
Adjustability:	Swivelling	Constant light output (CLO):	No
With movement sensor:	No	Degree of protection (IP):	IP44
With light sensor:	No	Impact strength:	IK04
Lamp type:	LED not exchangeable	Protection class:	III
With light source:	Yes	Rated ambient temperature according to IEC 62722-2-1:	0 ~ 0 °C
Suitable for number of light sources:	1	Suitable for lamp power:	8 ~ 8 W
Lamp holder:	Other	Max. system power:	8.2 W
Housing material:	Aluminium	Colour of light:	White
Surface protection:	Other	Colour temperature:	1800 ~ 3000 K
Housing colour:	White	Colour rendering index CRI:	90-100
Material cover:	Glass transparent	Luminous flux:	520 ~ 520 lm
Surface brushed:	No	Rated luminous flux according to IEC 62722-2-1:	520 lm
Voltage type:	AC	Luminous intensity:	973.1 cd
Nominal voltage:	220 ~ 240 V	Power factor:	0.9
LED nominal current at constant current:	23 ~ 23 mA	Flickering value Pst LM:	1
Type of control gear:	LED operating device voltage-controlled	Colour of light adjustable:	Continuously variable
With control gear:	Yes	Luminous flux adjustable:	No
Exchangeable control gear:	No	Beam angle adjustable:	No
Dimming depending on control gear:	Yes	Stroboscope effect value SVM:	0.4
Dimming 0-10 V:	No	Width:	0 mm
Dimming 1-10 V:	No	Height/depth:	45 mm
Dimming DALI-2:	No	Length:	83 mm
Dimming DALI:	No	Outer diameter:	96 mm
Dimming DMX:	No	Built-in width:	83 mm
Dimming DSI:	No	Built-in height/depth:	83 mm
Dimming potentiometer (integrated):	No	Built-in length:	83 mm
Dimming GPRS:	No	Built-in diameter:	83 ~ 83 mm
Dimming LineSwitch:	No	Type of wiring:	Through wiring included
Dimming manufacturer's proprietary system:	No	Conductor cross section:	0.75 mm²
Dimming mains voltage modulation:	No	Connectable conductor cross section:	0.75 ~ 1.5 mm²
Dimming phase cut-off:	Yes	Connection type:	Push-in clamp
Dimming phase cut-on:	Yes	Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24:	No
Dimming programmable:	No	Emergency power supply integrated:	No
Dimming RF:	No	Filament test according to IEC 60695-2-11:	None
Dimming Sine Wave Reduction:	No	Luminaire efficacy:	65 lm/W

Dimming Touch and Dim:	No	Photobiological safety according to EN 62471:	Other
Dimming Zigbee:	No	Suitable for workplace according to EN 12464-1:	No
Dimming with push-button:	No	Covering of the luminaire with thermally insulating material possible:	No
No dim function:	No	IFTTT support available:	No
Reflector:	High-gloss	Colour consistency (McAdam ellipse):	SDCM6
Light distributor:	Reflector	Unified Glare Ratio (UGR):	19.6
Light sharing:	Symmetric	Compatible with Apple HomeKit:	No
Beam angle:	Medium beam 21-40°	Compatible with Google Assistant:	No
Light outlet:	Direct	Compatible with Amazon Alexa:	No
Energy efficiency class:	Other		

Packaging data

Weight	0.32 kg
Width	115 mm
Height	70 mm
Length	135 mm
Customs code	85395100

