

## Led Downl. 8W D2W 520Lm IP44 38° CRI>90 White Thorgeon



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ARTICLE_NUMBER:	TH 03091
CHANGED_LAST:	08-08-2025
BRAND:	Thorgeon
ETIM_GROUP:	EG000027 - Luminaires
ETIM_CLASS:	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



## FEATURES

Protection class according to IEC 61140:	III	Built-in width:	NA mm
Width:	-mm	Colour consistency (McAdam ellipse):	SDCM6
Outer diameter:	96 mm	Total harmonic distortion:	32
Reflector:	High-gloss	Photobiological safety according to EN 62471:	Other
Lamp holder:	Other	Degree of protection (NEMA):	Other
Conductor cross section:	0.75 mm <sup>2</sup>	Rated ambient temperature according to IEC 62722-2-1:	- °C
Connection type:	Push-in clamp	Filament test according to IEC 60695-2-11:	None
Housing colour:	White	Dimming 0-10 V:	NO
Dimmable:	NO	Dimming 1-10 V:	NO
Surface protection:	Other	Dimming DALI:	NO
Voltage type:	AC	Dimming DMX:	NO
With movement sensor:	NO	Dimming potentiometer (integrated):	NO
Suitable for lamp power:	8 W	Dimming LineSwitch:	NO
Type of control gear:	LED operating device voltage-controlled	Dimming manufacturer's proprietary system:	NO
Colour rendering index CRI:	90-100	Dimming mains voltage modulation:	NO
Suitable for wall mounting:	NO	Dimming phase cut-off (trailing edge):	YES
Built-in width:	83 mm	Dimming phase cut-on (leading edge):	YES
With light sensor:	NO	Dimming programmable:	NO
Suitable for suspended mounting:	NO	Dimming RF:	NO
Luminous intensity:	973.1 cd	Dimming Sine Wave Reduction:	NO
Number of poles:	973.1 cd	Dimming Touch and Dim:	NO
Length:	83 mm	Dimming Zigbee:	NO
Height/depth:	45 mm	Dimming with push-button:	NO
Housing material:	Aluminium	No dim function:	NO
Lamp type:	LED not exchangeable	Light distributor:	Reflector
Reflector colour:	LED not exchangeable	Luminaire efficacy:	65 lm/W
With presence detector:	NO	Suitable for low voltage cable system:	NO
Degree of protection (IP), front side:	NO	Dimming DSI:	NO
Built-in length:	83 mm	Unified Glare Ratio (UGR):	19.6
Light outlet:	Direct	Operation by Bluetooth:	NO
Light distribution:	Symmetric	Compatible with Apple HomeKit:	NO
Material cover:	Glass transparent	Compatible with Google Assistant:	NO
Impact strength:	IK04	Compatible with Amazon Alexa:	NO
Nominal voltage:	220 ~ 240	Max. number of luminaires per miniature circuit breaker C16 (MCB):	NO
Emergency power supply integrated:	NO	Max. number of luminaires per miniature circuit breaker B16 (MCB):	NO
Degree of protection (IP):	IP44	Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq):	-%
With light source:	YES	Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq):	-%
Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24:	NO	Lumen maintenance at median useful life of 100,000 h at 25 °C ambient (tq):	-%
Covering of the luminaire with thermally insulating material possible:	NO	Failure rate at median useful life of 35,000 h at 25 °C ambient (tq):	5 %
Suitable for number of light sources:	1	Failure rate at median useful life of 50,000 h at 25 °C ambient (tq):	-%
Suitable for built-in mounting:	YES	Failure rate at median useful life of 100,000 h at 25 °C ambient (tq):	-%
With control gear:	YES	Dimming DALI-2:	NO
Suitable for workplace according to EN 12464-1:	NO	Flickering value Pst LM:	1
Suitable for surface mounting:	NO	Stroboscope effect value SVM:	0.4

Beam angle:	21-40° - Medium beam	Colour of light adjustable:	Continuously variable
Connectable conductor cross section:	0.75 ~ 1.5	Luminous flux adjustable:	No
Surface brushed:	NO	Beam angle adjustable:	No
Luminous flux in emergency mode:	-lm	Exchangeable control gear:	NO
Nominal current:	NA mA	Built-in diameter:	83 mm
Colour temperature:	1800 ~ 3000	Compatible with Casambi:	NO
Max. system power:	8.2 W	Energy efficiency class of the light source according to EU regulation 2019/2015:	NO
Rated luminous flux according to IEC 62722-2-1:	520 lm	Luminous intensity:	NA cd
Colour of light:	White	Degree of protection (IP), rear side:	NA cd
Adjustability:	Swivelling	Movement sensor/presence detector technology:	NA cd
Suitable for traverse mounting:	NO	Luminaire efficacy:	NA cd
Suitable for pedestal/floor mounting:	NO	Rated luminous flux according to IEC 62722-2-1:	NA cd
Suitable for light-track mounting:	NO	Emergency power supply system:	NA cd
Suitable for clamp-mounting:	NO	Power consumption in emergency mode:	NA cd
Constant light output (CLO):	NO	Emergency function monitoring system:	NA cd
Built-in height:	NA mm	Containing product according to 2019/2020/EU:	NA cd
IFTTT support available:	NO	Total harmonic distortion (THD):	NA cd
Luminous flux:	520 lm	Suitable for ceiling mounting:	NO
Type of wiring:	Loop-through wiring included	Built-in length:	NO
Rated lifetime L70/B50 at 25 °C:	-h	Built-in height/depth:	83 mm
Rated lifetime L80/B50 at 25 °C:	-h	Power factor:	0.9

## PACKING\_INFORMATION

WEIGHT	0.32 kg
WIDTH	115 mm
HEIGHT	70 mm
LENGHT	135 mm
PACKING_CODE	BX
PACKING_FORM	Box <p>A non-specific term that refers to a non-flexible, three-dimensional packaging with closed sides that can be completely enveloped and made of any material. Although some boxes are suitable for reuse or rescue, they can also be for one -off use, depending on the product</p>
STATISTICS	85395100

