

Led Downl. 10W 830/840/857 800Lm z/a Black Thorgeon



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ARTICLE_NUMBER: TH 03086

CHANGED_LAST: 07-10-2025

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:	II	Built-in width:	40000 h
Width:	96 mm	Colour consistency (McAdam ellipse):	SDCM6
Outer diameter:	96 mm	Total harmonic distortion:	SDCM6
Reflector:	High-gloss	Photobiological safety according to EN 62471:	SDCM6
Lamp holder:	None	Degree of protection (NEMA):	SDCM6
Conductor cross section:	-mm²	Rated ambient temperature according to IEC 62722-2-1:	- °C
Connection type:	Push-in clamp	Filament test according to IEC 60695-2-11:	- °C
Housing colour:	Black	Dimming 0-10 V:	NO
Dimmable:	Black	Dimming 1-10 V:	NO
Surface protection:	Black	Dimming DALI:	NO
Voltage type:	AC	Dimming DMX:	NO
With movement sensor:	NO	Dimming potentiometer (integrated):	NO
Suitable for lamp power:	10 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:	-cd	Dimming Sine Wave Reduction:	NO
Number of poles:	-cd	Dimming Touch and Dim:	NO
Length:	96 mm	Dimming Zigbee:	NO
Height/depth:	-mm	Dimming with push-button:	NO
Housing material:	Other	No dim function:	NO
Lamp type:	LED not exchangeable	Light distributor:	Diffuser lens/optic/panel
Reflector colour:	LED not exchangeable	Luminaire efficacy:	-lm/W
With presence detector:	LED not exchangeable	Suitable for low voltage cable system:	NO
Degree of protection (IP), front side:	LED not exchangeable	Dimming DSI:	NO
Built-in length:	45 mm	Unified Glare Ratio (UGR):	NO
Light outlet:	45 mm	Operation by Bluetooth:	NO
Light distribution:	Double asymmetric	Compatible with Apple HomeKit:	NO
Material cover:	Other	Compatible with Google Assistant:	NO
Impact strength:	IK04	Compatible with Amazon Alexa:	NO
Nominal voltage:	220 V	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):	800 %
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):	-%
Suitable for number of light sources:	NO	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:	0.06
Suitable for surface mounting:	NO	Stroboscope effect value SVM:	0.09

Beam angle:	21-40° - Medium beam	Colour of light adjustable:	Positions
Connectable conductor cross section:	- mm²	Luminous flux adjustable:	Positions
Surface brushed:	NO	Beam angle adjustable:	Positions
Luminous flux in emergency mode:	NO	Exchangeable control gear:	YES
Nominal current:	NO	Built-in diameter:	83 mm
Colour temperature:	3000 – 5700	Compatible with Casambi:	83 mm
Max. system power:	-W	Energy efficiency class of the light source according to EU regulation 2019/2015:	83 mm
Rated luminous flux according to IEC 62722-2-1:	-lm	Luminous intensity:	83 mm
Colour of light:	White	Degree of protection (IP), rear side:	83 mm
Adjustability:	Swivelling	Movement sensor/presence detector technology:	83 mm
Suitable for traverse mounting:	NO	Luminaire efficacy:	83 mm
Suitable for pedestal/floor mounting:	NO	Rated luminous flux according to IEC 62722-2-1:	83 mm
Suitable for light-track mounting:	NO	Emergency power supply system:	83 mm
Suitable for clamp-mounting:	NO	Power consumption in emergency mode:	83 mm
Constant light output (CLO):	NO	Emergency function monitoring system:	83 mm
Built-in height:	NO	Containing product according to 2019/2020/EU:	83 mm
IFTTT support available:	NO	Total harmonic distortion (THD):	83 mm
Luminous flux:	800 lm	Suitable for ceiling mounting:	YES
Type of wiring:	800 lm	Built-in length:	YES
Rated lifetime L70/B50 at 25 °C:	40000 h	Built-in height/depth:	45 mm
Rated lifetime L80/B50 at 25 °C:	40000 h	Power factor:	0.8

PACKING_INFORMATION

WEIGHT	0.35 kg
WIDTH	96 mm
HEIGHT	45 mm
LENGHT	96 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

