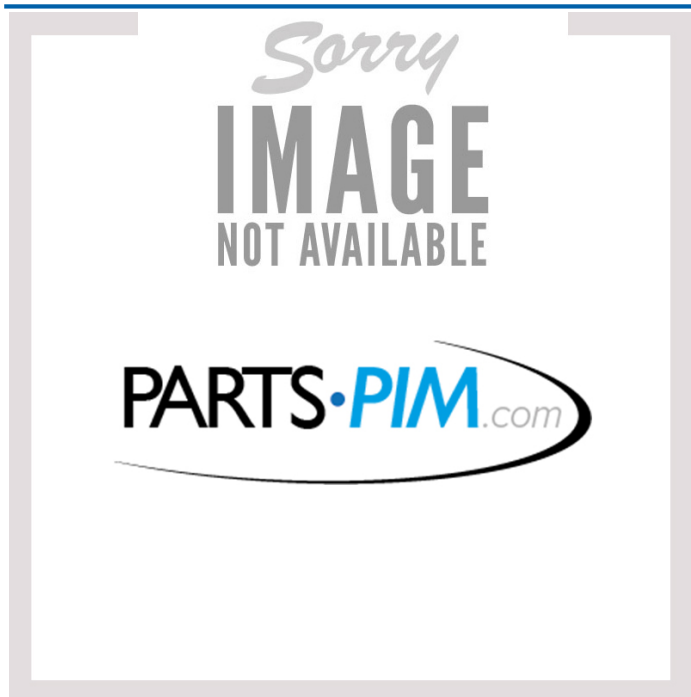


## Led Downl. 8W D2W 520Lm IP44 38° CRI>90 Black Thorgeon



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ARTICLE\_NUMBER: TH 03092

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:   | --                                      | Built-in width:   | NA mm     |
| Width:   | 96 mm                                   | Colour consistency (McAdam ellipse):  | SDCM6     |
| Outer diameter:  | 96 mm                                   | Total harmonic distortion:  | 32        |
| Reflector:   | None                                    | Photobiological safety according to EN 62471:                               | 32        |
| Lamp holder:   | Other                                   | Degree of protection (NEMA):  | 32        |
| Conductor cross section:   | 0.75 mm <sup>2</sup>                    | Rated ambient temperature according to IEC 62722-2-1:                       | - °C      |
| Connection type:   | 0.75 mm <sup>2</sup>                    | Filament test according to IEC 60695-2-11:                                  | None      |
| Housing colour:  | Black                                   | 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:  | 96 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:  | 96 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):  | NO        |
| Light outlet:  | Direct                                  | Operation by Bluetooth:   | NO        |
| Light distribution:  | Symmetric                               | Compatible with Apple HomeKit:  | NO        |
| Material cover:  | Other                                   | 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 W                  | Energy efficiency class of the light source according to EU regulation 2019/2015: | NO                    |
| Rated luminous flux according to IEC 62722-2-1: | -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:                                 | 520 lm               | Built-in length:  | NO                    |
| Rated lifetime L70/B50 at 25 °C:                | -h                   | Built-in height/depth:  | 41 mm                 |
| Rated lifetime L80/B50 at 25 °C:                | -h                   | Power factor:   | 0.8                   |

## PACKING\_INFORMATION

|              |   |
|--------------|---|
| WEIGHT       | 0.32 kg   |
| WIDTH        | 115 mm  |
| HEIGHT       | 70 mm   |
| LENGHT       | 135 mm  |
| PACKING_CODE | BX  |
| PACKING_FORM | Box<br><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  |