



## Spot | white | cut out Ø90-95mm | 9W | 4000K | dim



These Downlight-Spots are the newest generation of LED Downlights. The design of this Downlight-Spot, is just like a LED downlight, but like a spot, it has a reflector.

### Features

- Terminal block for a dustproof connection to 220-240V
- Long service life of 44,000 operating hours
- Thermal conductive plastic coated aluminum housing with V-0 flame rating (flame goes out within 10 seconds)
- Modern design suitable for many applications in suspended ceilings or other hollow ceiling systems
- Triac dimmable (see for suitable dimmers related products)

Article number: 136-106

CHANGED\_LAST: 29-11-2023

Brand: Tronix Lighting

Type: Flat

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	Rated life time L80/B10 at 25 °C:	0 h
Suitable for built-in mounting:	Yes	Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq):	0 %
Suitable for wall mounting:	No	Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq):	0 %
Suitable for suspended mounting:	No	Lumen maintenance at median useful life of 100,000 h at 25 °C ambient (tq):	0 %
Suitable for ceiling mounting:	Yes	Failure rate at median useful life of 35,000 h at 25 °C ambient (tq):	0 %
Suitable for traverse mounting:	No	Failure rate at median useful life of 50,000 h at 25 °C ambient (tq):	0 %
Suitable for pedestal/floor mounting:	No	Failure rate at median useful life of 100,000 h at 25 °C ambient (tq):	0 %
Suitable for light-track mounting:	No	Constant light output (CLO):	No
Suitable for clamp-mounting:	Yes	Degree of protection (IP):	IP20
Suitable for low voltage cable system:	No	Degree of protection (NEMA):	1
Adjustability:	Not adjustable	Impact strength:	IK02
With movement sensor:	No	Protection class:	II
With light sensor:	No	Rated ambient temperature according to IEC 62722-2-1:	-20 ~ 40 °C
Lamp type:	LED not exchangeable	Suitable for lamp power:	0 ~ 0 W
With light source:	Yes	Max. system power:	9 W
Lamp holder:	None	Colour of light:	White
Housing material:	Plastic	Colour temperature:	4000 ~ 4000 K
Surface protection:	Untreated	Colour rendering index CRI:	80-89
Housing colour:	White	Luminous flux:	0 ~ 0 lm
Material cover:	None	Rated luminous flux according to IEC 62722-2-1:	650 lm
Surface brushed:	No	Luminous intensity:	0 cd
Voltage type:	AC	Power factor:	0.9
Nominal voltage:	220 ~ 240 V	Flickering value Pst LM:	0.09
LED nominal current at constant current:	70 ~ 70 mA	Colour of light adjustable:	No
Type of control gear:	LED operating device current-controlled	Luminous flux adjustable:	Continuously variable
With control gear:	Yes	Beam angle adjustable:	No
Exchangeable control gear:	No	Stroboscope effect value SVM:	1.08
Dimming depending on control gear:	No	Width:	0 mm
Dimming 0-10 V:	No	Height/depth:	90.7 mm
Dimming 1-10 V:	No	Length:	0 mm
Dimming DALI-2:	No	Outer diameter:	103 mm
Dimming DALI:	No	Built-in width:	0 mm
Dimming DMX:	No	Built-in height/depth:	90.7 mm
Dimming DSI:	No	Built-in length:	0 mm
Dimming potentiometer (integrated):	No	Built-in diameter:	90 ~ 95 mm
Dimming GPRS:	No	Type of wiring:	Ending
Dimming LineSwitch:	No	Number of poles:	2
Dimming manufacturer's proprietary system:	No	Conductor cross section:	0 mm <sup>2</sup>
Dimming mains voltage modulation:	No	Connectable conductor cross section:	0.75 ~ 1.5 mm <sup>2</sup>
Dimming phase cut-off:	Yes	Connection type:	Push-in clamp
Dimming phase cut-on:	No	Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24:	No
Dimming programmable:	No	Max. number of luminaires per miniature circuit breaker B16 (MCB):	244
Dimming RF:	No	Max. number of luminaires per miniature circuit breaker C16 (MCB):	244
Dimming Sine Wave Reduction:	No	Emergency power supply integrated:	No



Dimming Touch and Dim:	No	Filament test according to IEC 60695-2-11:	650 °C - 30 s
Dimming Zigbee:	No	Luminaire efficacy:	72 lm/W
Dimming with push-button:	No	Photobiological safety according to EN 62471:	RG0
No dim function:	No	Suitable for workplace according to EN 12464-1:	Yes
Reflector:	High-gloss	Covering of the luminaire with thermally insulating material possible:	No
Light distributor:	Reflector	IFTTT support available:	No
Light sharing:	Symmetric	Colour consistency (McAdam ellipse):	SDCM3
Beam angle:	Medium beam 21-40°	Unified Glare Ratio (UGR):	17
Light outlet:	Direct/indirect	Compatible with Apple HomeKit:	No
Energy efficiency class of the built-in lamp:	A++, A+, A (LED)	Compatible with Google Assistant:	No
Total harmonic distortion:	20	Compatible with Amazon Alexa:	No
Rated life time L70/B50 at 25 °C:	30000 h		

## Packaging data

Weight	240 gr
Width	106 mm
Height	111 mm
Length	109 mm
Customs code	9405114090

