

LED SPOT LIGHT IP44

PRODUCT CODE : LS-10F-90-65603C

DESCRIPTION

A slim and compact downlight suitable for narrow ceiling installation, with T-shape heat sink which increases the radiation area and improves ceiling cooling efficiency . IP65 available and comes in 2700k, 3000k, 4000k and 5000k.



TECHNICAL DETAILS

Mounting	Recessed
Voltage	AC220-240V
LED Source	LED
LED Chip	Bridgelux
Power (W)	10W
Lumen	640lm -760lm (+- 5%)
CRI	90
IP Rating	IP65
Beam Angle	60°
CCT (K)	3000K
Power Factor	≥0.9
UGR	-
Safety Class	Class 2
Life span	50,000 hrs
Driver	On / off / 0-10 / Dali
Color	White
Trim	circular
Orientation	Fixed
Diameter (mm)	Ø90
Height (mm)	Ø49.4
Cutout Dia (mm)	Ø75
Rated Input Voltage(V)	AC220-240V
Input Voltage(V)	AC198-264V
LED Module Input	-
Light Source	COB
SDCM	<5
Product Finishing	RAL9016
Optics Material	PC
Housing Material	Aluminium
Lifetime (hr)	50,000h

CONFIGURATION

LS	F	10W	640lm -760lm	90	IP65	60°	3000K	C	N
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FAMILY	ORIENTATION	POWER	LUMEN	CRI	IP	ANGLE	CCT (K)	TRIM	DIMMING
LS	F: Fixed	5W	640-760	90	IP 65	36°	27K : 2700K	C: CIRCULAR	N: Non-Dim D: DALI T: TRIAC
		8W	630-750			60°	30K : 3000K		
		13W	860-1000	80			50K : 4000K		
			840-980						

DRIVER OPTIONS

DALI



DESCRIPTION

Tridonic Driver
Compact Dimming
Independent constant current LED driver
Dimmable via DALI-2
Dimming range 1 to 100 % (min. 5 mA)
Output current adjustable between 100 – 1,050 mA with DALI or NFC
Power input on stand-by < 0.5 W
Nominal lifetime up to 100,000 h
Adjustable output current in 1-mA-steps (NFC, DALI-2)

ON-OFF



DESCRIPTION

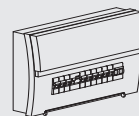
Tridonic Driver
Compact fixed output
Independent driver with strain-relief housing
For luminaires of protection class I and protection class II
Temperature protection as per EN 61347-2-13 C5e
Output current 250 mA
Nominal lifetime up to 50,000 h
No output current overshoot at mains on/off

0-10

INSTALLATION

WARNING

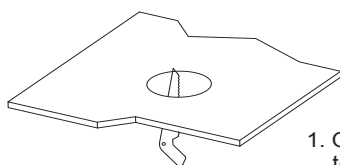
1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.



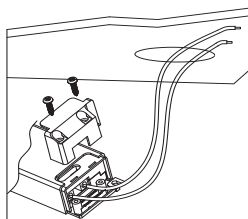
**Turn Off
Power Supply**

Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

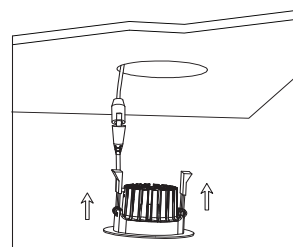
■ Downlight with external driver



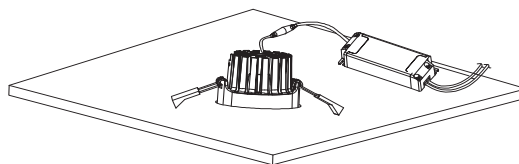
1. Open a hole according to the cutout size of led downlight.



2. Use screw-driver to open the driver terminal cover, feed the main AC wire L. N. in terminal block respectively, then fix the cover back.



3. Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.



4. Make sure the downlight fixed tightly in ceiling, turn on the power (Fig 1).