

FLOS

03.9950.EQ Copper

Light Shadow Pro Ø 60 Fixed Optic Spot

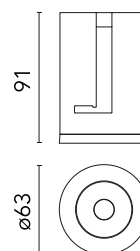
Designed by FLOS Architectural, 2022



LED lighting module, with low glare, to be inserted in the recessed frames (not included), installation through a bayonet system with interchangeable spots. Remote driver not included.

Are you a professional and your project needs consulting and support?

BOOK AN APPOINTMENT



Main specifications

Mounting	Ceiling recessed
Environments	Indoor dry location
Light source type	LED
Light sources included	Yes
LED type	LED array
Number of lamps	1
Power (W)	15
Source flux (lm)	1402
Lumen Output (lm)	1141
Efficacy (lm/W)	77

Physical

Colour	Copper
Orientation	Fixed
Spot diameter (mm)	60
Net weight (kg)	0.22
Package height (mm)	157
Package width (mm)	210
Package length (mm)	135
IP internal	20
IP external	54

Download

Mounting instructions [↓ PDF](#)

Photometric Files

LDT / IES [↓ ZIP](#)

Technical Drawings

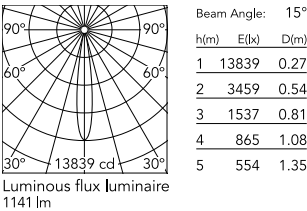
2D [↓ ZIP](#)

3D [↓ ZIP](#)

[Bim](#) [↓ ZIP](#)



Schematic light drawing



Photometric

Lighting type	Direct
Light distribution	Symmetric
CCT (K)	2700
CRI>	90
McAdam steps (SDCM)	2
Rf fidelity index	93
Rg gamut index	99
LED Life / Failure Ratio	L70B40 > 50.000h (Tc=85°C)
Beam angle C0-180 (°)	15
Beam angle C90-270 (°)	15
Extreme cut off	Yes
UGR _L	<10

Electrical

Insulation class	III
Forward voltage (V)	35.9
LED current (mA)	400
Power supply	Remote excluded
Dimmable	Yes
Power supply type	Non Dimmable, Dimmable DALI 2, Dimmable, Dimmable Casambi, Dimmable 1-10V, Dimmable DALI 1, Mains Cut Dimming

Ecodesign and Energy Labelling

This product contains a light source of energy efficiency class E



Replaceable (LED only) light source by a professional



Replaceable control gear by a professional

Notes

Please select 250 mA setting in the remote driver to match the power of the Adjustable version.

Accessories & Power Supply



REQUIRED
Power supply
Electrical

60.9162
Continuous current power supply
220/240V - 50/60Hz. Adjustable
Current 300mA-13W / 350mA-
15W / 400mA-18W / 450mA-
20W / 500mA-22W / 550mA-
24W / 600mA-27W / 650mA-
29W / 700mA-31W / 750mA-
32W / 800mA-33W / 850mA-
35W / 900mA-38W / 950mA-
40W / 1000/1050mA-4...



REQUIRED
Power supply
Electrical

60.9188
Continuous current power supply
of 13-20W, 110*/240V - 50/60Hz
with current selected through
adjustable 200 mA - 13W / 300
mA - 15W / 350 mA - 18W / 400
/ 450 / 500 / 550 / 600 / 650 /
700 / 750 / 800 / 850 / 900 mA -
20W. switch. 0/1-10V or push.



REQUIRED
Power supply
Electrical

60.9405
Constant voltage supply source
of 20W, 100-240V - 50/60Hz with
adjustable 250 mA supply
voltage. Dimmable 0-10V



REQUIRED
Power supply
Electrical

60.9160
Non dimmable continuous
current power supply of
220/240V - 50/60Hz with power
current selected through
adjustable with switch 200 mA -
8,5W / 250mA - 11W / 300 mA -
13W / 350 mA - 15W / 400 mA -
17,5W / 450 mA - 19,5W / 500
mA - 22W



REQUIRED
Power supply
Electrical

60.9439



REQUIRED
Power supply
Electrical

60.9222
Continuous current power supply
of 12-20W, 110/240V - 50/60Hz
with power current selected
through adjustable 250mA - 12W
/ 350mA - 17W / 400mA - 19W /
450 / 500/ 550 / 600 / 700mA -
20W regulable Dali 1 & Dali 2



REQUIRED
Power supply
Electrical

60.9467



REQUIRED
Power supply
Electrical

60.9874
Continuous current supply
source of 240V - 50/60Hz with
dimmableCasambi 250 mA - 15W

Continuous current power supply, 0/1-10V dimmable, 220/240V - 50/60Hz, 300mA-16W / 350mA-18W / 400mA-21W / 500mA-27W / 600mA-32W / 650mA-35W /700 /750 /800 /900/ 950/ 1000 /1050mA-36W

20W Constant current power supply, AC phase-cut adjustable, trailing & leading edge dimming (mains dimming), 220/240V - 50/60Hz, with dip-switch programmable power supply current. Output current: 900mA - 20W / 850mA - 20W / 800mA - 20W / 750mA - 20W / ...



REQUIRED
Power supply

Electrical

60.7678

Continuous current supply source of 240V - 50/60Hz with dimmable Dali 2, Push dimming.
150mA - 7.8W / 200mA - 10.4W / 250mA - 13W / 300mA - 15.6W / 350mA - 18.2W / 400mA - 20.8W / 500mA - 26W / 600mA - 31.2W / 700mA - 36.4W / 750mA - 39W / 800mA - 41.6...



REQUIRED
Frame

08.0192.00

Installation Frame No Trim



REQUIRED
Power supply

Electrical

60.9207

Casambi continuous current power supply, dimmable
220/240V - 50/60Hz, 300mA - 16W / 350mA - 18,5W / 400mA - 21,5W / 450 mA - 24W / 500mA - 27W / 600mA - 32W / 650 mA - 35W / 700 mA - 36W /750 /800 /900 /1000 /1050 /1200 mA - 38W.



REQUIRED
Frame

08.0160.14

Installation Frame Trim Ø60



REQUIRED
Frame

08.0160.40

Installation Frame Trim Ø60