

# FLOS

03.9957.ES Bronze

## Light Shadow Pro Ø 60 Fixed Optic Wide Flood

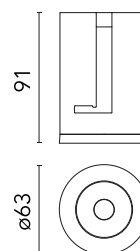
Designed by FLOS Architectural, 2022



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)       | 1456                |
| Lumen Output (lm)      | 1150                |
| Efficacy (lm/W)        | 77                  |

### Physical

|                     |        |
|---------------------|--------|
| Colour              | Bronze |
| 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 [Download PDF](#)

### Photometric Files

LDT / IES [Download ZIP](#)

### Technical Drawings

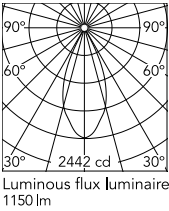
2D [Download ZIP](#)

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## Schematic light drawing



## Photometric

|                          |                            |
|--------------------------|----------------------------|
| Lighting type            | Direct                     |
| Light distribution       | Symmetric                  |
| CCT (K)                  | 3000                       |
| CRI>                     | 90                         |
| McAdam steps (SDCM)      | 2                          |
| Rf fidelity index        | 92                         |
| Rg gamut index           | 101                        |
| LED Life / Failure Ratio | L70B40 > 50.000h (Tc=85°C) |
| Beam angle C0-180 (°)    | 43                         |
| Beam angle C90-270 (°)   | 43                         |
| Extreme cut off          | Yes                        |
| UGR <sub>L</sub>         | <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



## 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

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



REQUIRED  
Power supply  
Electrical

60.7678

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

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

Installation

08.0160.ES

Installation Frame Trim Ø60



REQUIRED  
Power supply

Electrical

60.9467

Mains dimming 20W Constant current power supply, AC phase-cut adjustable, trailing & leading edge dimming, 220/240V - 50/60Hz, with dip-switch programmable power supply current. Output current: 900mA - 20W / 850mA - 20W / 800mA - 20W / 750mA - 20W / 70...