

# FLOS

03.9956.14 Black

## Light Shadow Pro Ø 60 Fixed Optic Flood

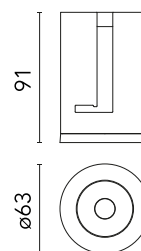
Designed by FLOS Architectural, 2020



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.

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### 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)      | 1236                |
| Efficacy (lm/W)        | 83                  |

### Physical

|                     |       |
|---------------------|-------|
| Colour              | Black |
| 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

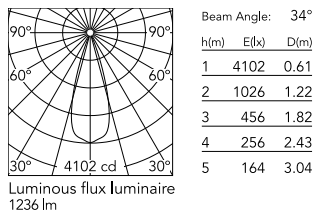
2D [↓ ZIP](#)

3D [↓ ZIP](#)

[Bim](#) [↓ ZIP](#)



## Schematic light drawing



## Ecodesign and Energy Labelling

This product contains a light source of energy efficiency class E



## 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 (°)    | 33                         |
| Beam angle C90-270 (°)   | 33                         |
| 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 |

## 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

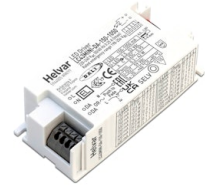
Constant voltage supply source of 20W, 100-240V - 50/60Hz with adjustable 250 mA supply voltage. Dimmable 0-10V

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

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

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 dimmable Casambi 250 mA - 15W

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  
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...