

# FLOS

03.9924.ES Bronze

## Light Shadow Pro Ø 90 Fixed Optic Super Spot

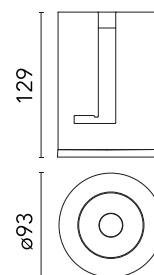
Designed by FLOS Architectural



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           |
| Lamp category          | LED                 |
| Number of lamps        | 1                   |
| Power (W)              | 18                  |
| Source flux (lm)       | 2457                |
| Lumen Output (lm)      | 1398                |

### Physical

|                     |        |
|---------------------|--------|
| Colour              | Bronze |
| Orientation         | Fixed  |
| Recessed depth (mm) | 139    |
| Spot diameter (mm)  | 90     |
| Net weight (kg)     | 0.22   |
| Package width (mm)  | 18     |
| Package length (mm) | 22     |
| IP internal         | 20     |
| IP external         | 54     |

### Download

Mounting instructions [Download PDF](#)

### Photometric Files

LDT / IES [Download ZIP](#)

### Technical Drawings

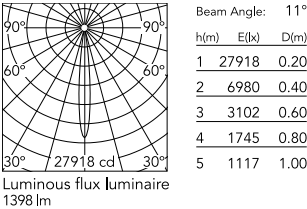
2D [Download ZIP](#)

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Schematic light drawing



Ecodesign and Energy Labelling



Replaceable (LED only)  
light source by a  
professional

Replaceable control  
gear by a professional

Photometric

|                          |                           |
|--------------------------|---------------------------|
| Lighting type            | Direct                    |
| Light distribution       | Symmetric                 |
| CCT (K)                  | 4000                      |
| CRI>                     | 90                        |
| McAdam steps (SDCM)      | 2                         |
| LED Life / Failure Ratio | L70B40 >50.000h (Tc=85°C) |
| Beam angle C0-180 (°)    | 11                        |
| Beam angle C90-270 (°)   | 11                        |
| UGR <sub>L</sub>         | <10                       |

Electrical

|                     |                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------|
| Insulation class    | III                                                                                                           |
| Forward voltage (V) | 38.6                                                                                                          |
| LED current (mA)    | 500                                                                                                           |
| 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 500 mA setting in the remote driver to match the power of the Adjustable version.

Accessories & Power Supply



REQUIRED  
Power supply  
Electrical

60.8533  
Continuous current power supply of 25W, 110/240V - 50/60Hz with power current selected through adjustable 350 mA-18W / 400 mA - 21W / 500mA - 25W /600mA - 30W /700/750/900 mA - 32W switch. 1-10V or push dimming, synchronisation cables not included.



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

60.9439  
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

60.9523  
Non dimmable continuous current power supply of 24W, 110/277V - 50/60Hz, with power current selected through adjustable 500 mA/600 mA switch



REQUIRED  
Power supply  
Electrical

60.9467



REQUIRED  
Power supply  
Electrical

60.9692  
30W, 220-240V - 50/60Hz  
Constant current power supply, with dip-switch programmable power supply current.



REQUIRED  
Power supply  
Electrical

60.7678

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 / ...

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...

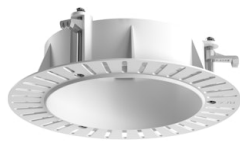


REQUIRED  
Power supply

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

08.0193.00

Installation Frame No Trim Ø90  
Fix



REQUIRED  
Frame

08.0161.14

Installation Frame Trim Ø90 Fix



REQUIRED  
Frame

08.0161.40

Installation Frame Trim Ø90 Fix



OPTIONAL  
Accessory

Mounting

08.0826.00

Orientation Toolkit