

# FLOS

03.9941.14 Black

## Light Shadow Pro Ø 90 Adjustable Optic Spot

Designed by FLOS Architectural, 2020

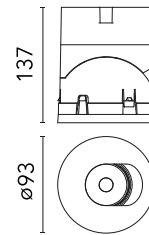


LED - LED array - 18W - 1510lm - 4000K - CRI> 90 - Beam° 15

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?

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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
Lamp category	LED
Number of lamps	1
Power (W)	18
Source flux (lm)	1877
Lumen Output (lm)	1510

### Physical

Colour	Black
Orientation	Adjustable
Rotation (°)	355
Longitudinal tilting (°)	35
Transversal tilting (°)	35
Recessed depth (mm)	149
Spot diameter (mm)	90
Net weight (kg)	0.54
IP internal	20
IP external	20

### Download

Mounting instructions [↓ PDF](#)

### Photometric Files

LDT / IES [↓ ZIP](#)

### Technical Drawings

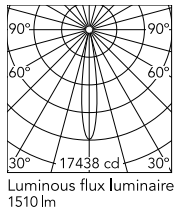
2D [↓ ZIP](#)

3D [↓ ZIP](#)

[Bim](#) [↓ ZIP](#)



## Schematic light drawing



h(m)	E lx	D(m)
1	17438	0.27
2	4359	0.54
3	1938	0.82
4	1090	1.09
5	698	1.36

## 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 (°)	15
Beam angle C90-270 (°)	15
UGR <sub>L</sub>	<10

## Electrical

Insulation class	III
Forward voltage (V)	37
LED current (mA)	500
Power supply	Remote excluded
Dimmable	Yes
Power supply type	Non Dimmable, Dimmable Casambi, Mains Cut Dimming, Dimmable DALI 2, Dimmable, Dimmable 1-10V, Dimmable DALI 1
Emergency	No

## 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

60.9207

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  
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



REQUIRED  
Power supply



REQUIRED  
Frame

08.0165.14

Installation Frame Trim Ø90

## 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...

## 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...