

# FLOS

03.9964.40A White

## Light Shadow Pro Ø 90 Fixed Optic Spot

Designed by FLOS Architectural, 2020

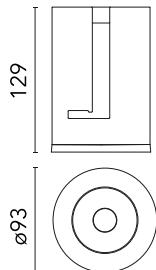


22W - 1906lm - 3000K - CRI> 90 - Beam° 14

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
Power (W)	22
Source flux (lm)	2339
Lumen Output (lm)	1906

### Physical

Colour	White
Orientation	Fixed
Recessed depth (mm)	129
Spot diameter (mm)	90
Net weight (kg)	0.54
IP internal	20
IP external	54

### Download

Mounting instructions [PDF](#)

### Photometric Files

LDT / IES [ZIP](#)

### Technical Drawings

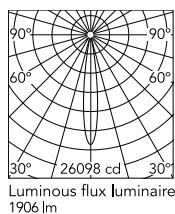
2D [ZIP](#)

3D [ZIP](#)

BIM [ZIP](#)



## Schematic light drawing



Beam Angle: 14°		
h(m)	E(k)	D(m)
1	26098	0.25
2	6524	0.50
3	2900	0.75
4	1631	1.00
5	1044	1.25

Luminous flux luminaire  
1906 lm

## Photometric

Lighting type	Direct
Light distribution	Symmetric
CCT (K)	3000
CRI>	90
McAdam steps (SDCM)	2
LED Life / Failure Ratio	L70B40 >50.000h (Tc=85°C)
Beam angle C0-180 (°)	14
Beam angle C90-270 (°)	14
UGR <sub>L</sub>	<10

## Electrical

Insulation class	III
LED current (mA)	600
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

## 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

60.9692

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

### REQUIRED Power supply

#### Electrical

60.7678

### REQUIRED Power supply

#### Electrical

60.9207

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...

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

08.0161.40

Installation Frame Trim Ø90 Fix



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...



OPTIONAL  
Accessory

Mounting

08.0826.00

Orientation Toolkit