

# FLOS

03.8645.ERC Steel

## Light Shadow Dots - Single Spot Module. Set of 2 Spots

Designed by FLOS Architectural, 2019



LED - Power LED - 2 x 2.7W - 2 x 540lm - 3000K - CRI> 90 - Beam° 29

LED lighting module, with low glare, to be inserted in the recessed frames (not included), installation through a bayonet system with interchangeable spots. Available in one-light versions and groups of two and four lights. Driver not included, the driver has to be directly connected to the embedding frames.



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               | Power LED           |
| Lamp category          | LED                 |
| Number of lamps        | 2                   |
| Power (W)              | 2.7                 |
| Source flux (lm)       | 636                 |
| Lumen Output (lm)      | 540                 |
| Efficacy (lm/W)        | 100                 |

### Physical

|                     |       |
|---------------------|-------|
| Colour              | Steel |
| Trim                | No    |
| Orientation         | Fixed |
| Recessed depth (mm) | 75    |
| Spot diameter (mm)  | 33    |
| Length (mm)         | 33    |
| Net weight (kg)     | 0.1   |
| Package height (mm) | 6     |
| Package width (mm)  | 13    |
| Package length (mm) | 21    |
| IP internal         | 20    |
| IP external         | 23    |

### Download

- [Mounting instructions](#) PDF
- [Mounting instructions](#) PDF

### Photometric Files

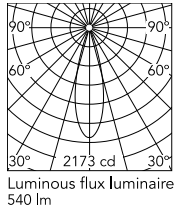
- [LDT / IES](#) ZIP

### Technical Drawings

- [2D](#) ZIP
- [3D](#) ZIP



## Schematic light drawing



## Photometric

|                          |                               |
|--------------------------|-------------------------------|
| Lighting type            | Direct                        |
| Light distribution       | Symmetric                     |
| CCT (K)                  | 3000                          |
| CRI>                     | 90                            |
| LED Life / Failure Ratio | L80B50 > 50.000h<br>(Tc=85°C) |
| Beam angle C0-180 (°)    | 29                            |
| Beam angle C90-270 (°)   | 29                            |
| Extreme cut off          | Yes                           |
| UGR <sub>L</sub>         | <10                           |

## Electrical

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| Insulation class    | III                                                                                        |
| Forward voltage (V) | 3                                                                                          |
| LED current (mA)    | 900                                                                                        |
| Power supply        | Remote excluded                                                                            |
| Dimmable            | Yes                                                                                        |
| Power supply type   | Non Dimmable,<br>Dimmable Casambi,<br>Dimmable 0-10V,<br>Dimmable DALI 2,<br>Dimmable Push |

## Ecodesign and Energy

### Labelling



## Accessories & Power Supply



REQUIRED  
Frame

Installation

08.0582.00

Pre-installation frame. 4L - int 43



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...



REQUIRED  
Power supply

Electrical

60.8534

Continuous current power supply. 230/240V - 50/60Hz. Adjustable Current 350mA - 17W / 500mA - 24W / 550mA - 25W / 700/ 750 mA - 32W switch by trailing and leading edge dimming, mains dimming or push dimming



REQUIRED  
Power supply

Electrical

60.8911

Non dimmable continuous current power supply of 15-20W, 110/240V - 50/60Hz, with power current selected through adjustable 350 mA-15W /500 mA /550 / 700 / 850 mA / 900 mA - 20W switch



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

60.9414

Continuous current power supply of 20W, dimmable 0-10V, 220/240V - 50/60Hz



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

60.9602

'Continuous current power supply of 20W, dimmable DALI 2, 220/240V - 50/60Hz with power current 900 mA



REQUIRED  
Frame

Installation

08.0580.00

Pre-installation frame. 1L



REQUIRED  
Frame

Installation

08.0581.00

Pre-installation frame. 2L - int 43



REQUIRED  
Frame

Installation

08.0583.00

Pre-installation frame. 2L - int 70



REQUIRED  
Frame

Installation

08.0584.00

Pre-installation frame. 4L - int 70



REQUIRED  
Frame

Installation

08.0661.40

Dots Trim Pre-installation frame.  
1L



REQUIRED  
Frame

Installation

08.0661.14

Dots Trim Pre-installation frame.  
1L



OPTIONAL  
Frame

Installation

08.0586.00

Accessory Pre-installation frame,  
70 mm - 2.76" spacer