

## Light Shadow Pro Ø 45 Fixed Optic Spot - Airtight IC Rated - JA8

Designed by FLOS Architectural, 2022



LED - LED array - 8.8W - 678lm - 3000K - CRI> 90 - Beam° 15

IC Rated / Airtight 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               | 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)              | 8.8                 |
| Source flux (lm)       | 834                 |
| System flux (lm)       | 678                 |
| Efficacy (lm/W)        | 58.96               |

### Physical

|                     |       |
|---------------------|-------|
| Color               | Black |
| Orientation         | Fixed |
| Recessed depth (in) | 4.02  |
| Spot diameter (in)  | 1.93  |
| Length (in)         | 1.93  |
| Net weight (lb)     | 0.27  |
| Package height (in) | 3.55  |
| Package width (in)  | 5.52  |
| Package length (in) | 4.14  |
| IP internal         | 20    |
| IP external         | 54    |

### Download

Mounting instructions [↓ PDF](#)

### Photometric Files

LDT / IES [↓ ZIP](#)

### Technical Drawings

2D [↓ ZIP](#)

3D [↓ ZIP](#)

### Ecodesign and Energy Labelling



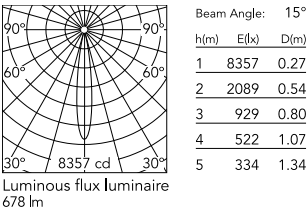
REPLACEABLE2



PWRSUPRPL2



Schematic light drawing



Photometric

|                          |                           |
|--------------------------|---------------------------|
| Lighting type            | Direct                    |
| Light distribution       | Symmetric                 |
| CCT (K)                  | 3000                      |
| CRI>                     | 90                        |
| McAdam steps (SDCM)      | 2                         |
| Rf fidelity index        | 91                        |
| Rg gamut index           | 100                       |
| LED Life / Failure Ratio | L90B10>33.000h<br>Tc=85°C |
| Beam angle C0-180 (°)    | 15                        |
| Beam angle C90-270 (°)   | 15                        |
| Extreme cut off          | No                        |
| UGRL                     | <10                       |

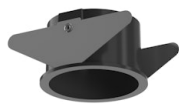
Electrical

|                     |                                          |
|---------------------|------------------------------------------|
| Frequency (Hz)      | 50/60                                    |
| Forward voltage (V) | 12                                       |
| LED current (mA)    | 700                                      |
| Driver              | Remote from housing                      |
| Dimmable            | Yes                                      |
| Dimming type        | Dimmable 0-10V,<br>Dimmable ELV          |
| Dimming interface   | Remote Dimmable<br>(Dimmer Not Included) |
| Precabled           | No                                       |

Notes

Class 2 Please consult the dimensions of the unit: when it does not fit through the recessing hole, an accessible remote location for the unit is required.

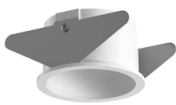
Accessories & Power Supply



REQUIRED  
Frame

ACCESSORYTYPE2

08.0360.14  
Installation Frame Trim for Light  
Shadow Pro Ø 45



REQUIRED  
Frame

ACCESSORYTYPE2

08.0360.40  
Installation Frame Trim for Light  
Shadow Pro Ø 45



REQUIRED  
Frame

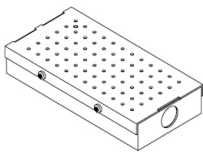
ACCESSORYTYPE2

08.0361.00  
Installation Frame No Trim for  
Light Shadow Pro Ø 45



REQUIRED  
Housing and Hanger Bar

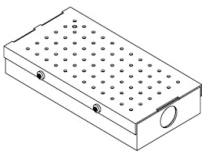
08.1201.00.UL  
Bar Hanger Set , Male-Female (set  
of 2)



REQUIRED  
Power supply

ACCESSORYTYPE1

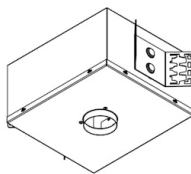
SP20W700MA-PEQ-S01  
Lutron EcoSystem Splice Box UL  
500mA, 20W, 0.1% dim, 120-277V



REQUIRED  
Power supply

ACCESSORYTYPE1

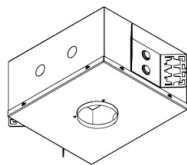
SP25W700MA-10V-A01  
Splice Box UL 700mA , 25W, 0-  
10V Dimmable, 120-277V



REQUIRED  
Housing and Hanger Bar

ACCESSORYTYPE2

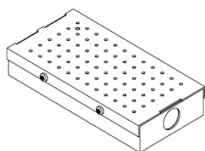
08.7120.00.90  
Light Shadow PRO 45 Fixed Trim  
Airtight Housing for New  
construction. IC Rated - JA8



REQUIRED  
Housing and Hanger Bar

ACCESSORYTYPE2

08.7121.00.90  
Light Shadow PRO 45 Fixed  
Trimless Airtight Housing for New  
construction. IC Rated - JA8



REQUIRED  
Power supply

ACCESSORYTYPE1

SP15W700MA-VAR-U01

ERP ESS015W-0700-18 12.6W,  
700mA, 10-1VDC, Tri mode dim