

## Light Shadow Pro Ø 90 Fixed Optic Wide Flood - Airtight IC Rated - JA8

Designed by FLOS Architectural, 2020



LED - LED array - 18W - 1663lm - 3000K - CRI> 90 - Beam° 48

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)       | 1971                |
| System flux (lm)       | 1663                |
| Efficacy (lm/W)        | 81.52               |

### Physical

|                     |       |
|---------------------|-------|
| Color               | Black |
| Orientation         | Fixed |
| Net weight (lb)     | 0.49  |
| Gross weight (lb)   | 0.75  |
| Package volume (in) | 427   |
| IP internal         | 54    |

### Download

Mounting instructions



### Photometric Files

LDT / IES



### Ecodesign and Energy Labelling



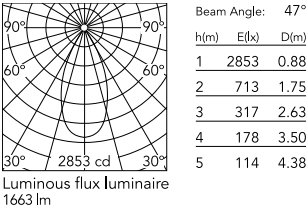
REPLACEABLE2



PWRSUPRPL2



Schematic light drawing



Photometric

|                          |                           |
|--------------------------|---------------------------|
| Lighting type            | Direct                    |
| Light distribution       | Symmetric                 |
| CCT (K)                  | 3000                      |
| CRI>                     | 90                        |
| McAdam steps (SDCM)      | 2                         |
| Rf fidelity index        | 92                        |
| LED Life / Failure Ratio | L70B40 >50.000h (Tc=85°C) |
| Beam angle C0-180 (°)    | 48                        |
| Beam angle C90-270 (°)   | 48                        |
| UGRL                     | <16                       |

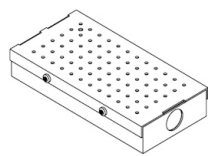
Electrical

|                     |                                       |
|---------------------|---------------------------------------|
| Frequency (Hz)      | 50/60                                 |
| Forward voltage (V) | 36                                    |
| LED current (mA)    | 600                                   |
| Driver              | Remote from housing                   |
| Dimmable            | Yes                                   |
| Dimming interface   | Remote Dimmable (Dimmer Not Included) |

Notes

Class 2 Please select 500 mA setting in the remote driver to match the power of the Adjustable version.

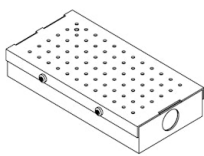
Accessories & Power Supply



REQUIRED  
Power supply

ACCESSORYTYPE1

SP25W500MA-10V-A01  
Splice Box UL 7"x3-5/8"x1-1/4",  
500mA , 25W, 0-10V Dimmable,  
120-277V



REQUIRED  
Power supply

ACCESSORYTYPE1

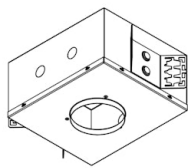
SP30W500MA-VAR-U02  
Splice Box 500mA, ERP ESS030W-  
0500-42 21W, 20-42VDC, Tri  
Mode dim



REQUIRED  
Housing and Hanger Bar

08.1201.00.UL

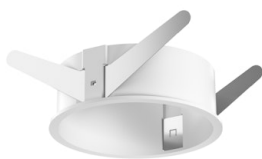
Bar Hanger Set , Male-Female (set  
of 2)



REQUIRED  
Housing and Hanger Bar

ACCESSORYTYPE2

08.7073.00.90  
Light Shadow PRO 60 Adjustable  
Trimless & 90 Fixed Trimless  
Airtight Housing for New  
construction, Remote Driver see  
dimmable driver options below.  
CCEA Chicago Plenum



REQUIRED  
Frame

08.0161.40

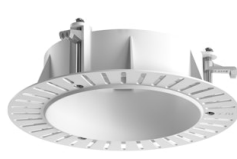
Installation Frame Trim Ø90 Fix



REQUIRED  
Frame

08.0161.14

Installation Frame Trim Ø90 Fix



REQUIRED  
Frame

08.0193.00

Installation Frame No Trim Ø90  
Fix