

Light Shadow Pro Ø 90 Fixed Optic Spot - Airtight IC Rated - JA8

Designed by FLOS Architectural, 2020



LED - LED array - 18W - 1635lm - 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
Lamp category	LED
Number of lamps	1
Power (W)	18
Source flux (lm)	1971
System flux (lm)	1635
Efficacy (lm/W)	80.15

Physical

Color	Black
Orientation	Fixed
Net weight (lb)	0.49
Gross weight (lb)	0.75
Package volume (in)	427
IP internal	20

Download

Mounting instructions



Photometric Files

LDT / IES



Ecodesign and Energy Labelling



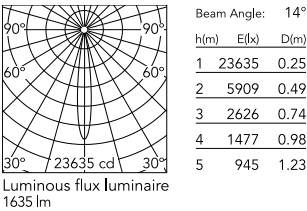
REPLACEABLE2



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 (°)	14
Beam angle C90-270 (°)	14
UGRL	<16

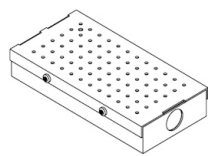
Electrical

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.

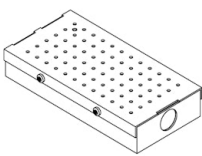
Accessories & Power Supply



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

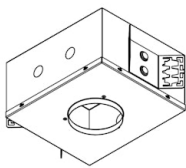
SP30W500MA-VAR-U02
Splice Box 500mA, ERP ESS030W-
0500-42 21W, 20-42VDC, Tri
Mode dim



REQUIRED
Housing and Hanger Bar

08.1201.00.UL

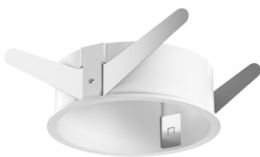
Bar Hanger Set , Male-Female (set
of 2)



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

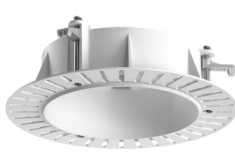
Installation Frame Trim Ø90 Fix



REQUIRED
Frame

08.0161.14

Installation Frame Trim Ø90 Fix



REQUIRED
Frame

08.0193.00

Installation Frame No Trim Ø90
Fix