

FLOS

03.9981.ER Steel

Light Shadow Pro Ø 90 Adjustable Optic Spot

Designed by FLOS Architectural

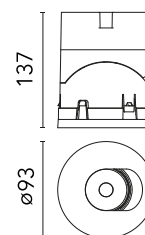


LED - LED array - 18W - 1357lm - 2700K - CRI> 90 - Beam° 15

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 | 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) | 1636 |
| Lumen Output (lm) | 1357 |

Physical

| | |
|--------------------------|------------|
| Colour | Steel |
| Orientation | Adjustable |
| Rotation (°) | 355 |
| Longitudinal tilting (°) | 35 |
| Transversal tilting (°) | 35 |
| Recessed depth (mm) | 149 |
| Spot diameter (mm) | 93 |
| Net weight (kg) | 0.22 |
| Package width (mm) | 14 |
| Package length (mm) | 21 |
| IP internal | 20 |
| IP external | 20 |

Download

[Mounting instructions](#)  PDF

Photometric Files

[LDT / IES](#)  ZIP

Technical Drawings

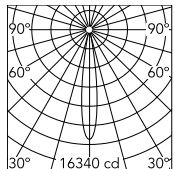
[2D](#)  ZIP

[3D](#)  ZIP

[Bim](#)  ZIP



Schematic light drawing



Beam Angle: 15°

| h(m) | E(lx) | D(m) |
|------|-------|------|
| 1 | 16340 | 0.27 |
| 2 | 4085 | 0.54 |
| 3 | 1815 | 0.81 |
| 4 | 1021 | 1.09 |
| 5 | 653 | 1.36 |

Luminous flux Luminaire
1357 lm

Photometric

| | |
|--------------------------|---------------------------|
| Lighting type | Direct |
| Light distribution | Symmetric |
| CCT (K) | 2700 |
| CRI> | 90 |
| McAdam steps (SDCM) | 2 |
| LED Life / Failure Ratio | L70B40 >50.000h (Tc=85°C) |
| Beam angle C0-180 (°) | 15 |
| Beam angle C90-270 (°) | 15 |
| UGR _L | <10 |

Electrical

| | |
|---------------------|---|
| Insulation class | III |
| Forward voltage (V) | 37 |
| LED current (mA) | 500 |
| 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 |

Ecodesign and Energy

Labelling



Accessories & Power Supply



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

60.7678

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...

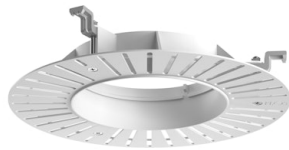


REQUIRED
Power supply

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
Frame

08.0167.00

Installation Frame No Trim Ø90



REQUIRED
Frame

Installation

08.0165.ER

Installation Frame Trim Ø90



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...