



Light Shadow PRO 90 Adjustable - Quick Ship

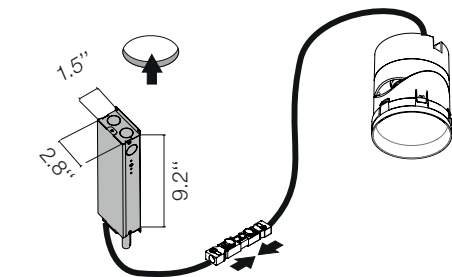
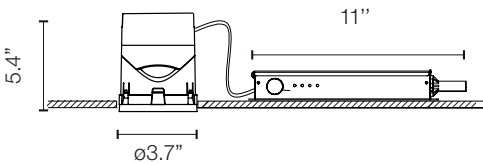
NON-IC Recessed Downlight Designed by Flos Architectural

Description

The natural evolution of Light Shadow, now available in Pro versions. This high comfort downlight can be integrated in the space thanks to his reduced size and compact structure. Born to give high efficiency lighting with the highest standards of visual comfort when using the black patented reflectors. The dual focus lenses that the PRO family uses are developed by Flos to ensure the maximum control and give an exceptional even light beam. Light shadow PRO takes advantage of an innovative micro-textures silicone lens that allows extreme control without sacrificing the product efficiency. A total of 3 optics are available in this collection: Spot, Medium, Flood.



Dimensions



Certifications



Photometrics

For current IES files please visit arch.flosusa.com

Warranty

2 years from date of sale.

Lamp

| | |
|------------------------------|------------------------|
| Lamp Type | LED |
| Wattage | 14.8W |
| Initial Lumens (Optic S/M/F) | 1590lm, 1710lm, 1815lm |
| Color Temperature | 2700K, 3000K |
| Color rendering | 90 |

Optical

| | |
|--------------------|----------------|
| Beam Angle | 16° / 24°/ 33° |
| Lighting Type | Direct |
| Light Distribution | Symmetric |

Physical

| | |
|---------------------------|----------------|
| Material | Aluminum |
| Aiming | Adjustable 35° |
| Weight | 0.5 Pounds |
| Ingress Protection Rating | IP20 |

Finishes:

☐ White

☒ Black



| | |
|-----------------------|------------------|
| Installation type | Ceiling Recessed |
| Environment | Indoor |
| Minimum plenum height | 11" |

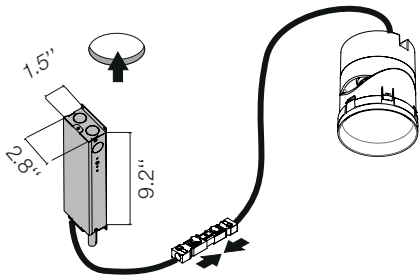
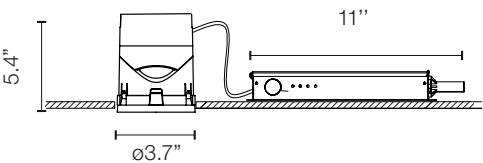


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Dimensions



Electrical & Control

| | |
|----------------------|---|
| Driver Location | Attached Splice Box |
| Driver Input Voltage | 120V or 277V (depending on Selected Splice Box) |
| Control | 0-10V |
| Current | 400mA |

Performance

| | |
|------------------|---------------|
| Delivered Lumens | 995lm, 1072lm |
| Efficacy | up to 72lm/W |

Notes

Black reflector provides the greatest comfort level

Integral LED board is not field replaceable.

Pre-Installation frame required. Depending on Installation requirements select Trim or Trimless Installation frames

Splice Box is installed from below.

Min 3" clearance from insulation.

Certifications



Photometrics

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Warranty

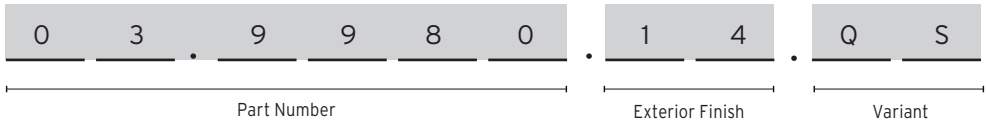
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How to specify



Optic Spot (16°)

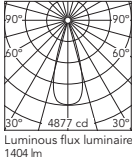
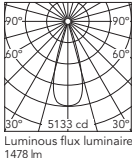
| CCT | CRI | Initial Lumens | Delivered Lumens | Watts | Beam Angle | Part Number | Finish | Photometrics |
|------|-----|----------------|------------------|-------|------------|-------------|---|---|
| 2700 | 90 | 800 / 1590 | 1327 | 14.8 | 16° | 03.9981 | <div>14 Black</div> <div>40 White</div> | <p>Beam Angle: 16° h(m) E(lx) D(m) 1 15200 0.27 2 3800 0.54 3 1689 0.82 4 950 1.09 5 608 1.36 Luminous flux luminaire 1327 lm</p> |
| 3000 | 90 | 845 / 1710 | 1397 | 14.8 | | 03.9986 | <div>14 Black</div> <div>40 White</div> | <p>Beam Angle: 16° h(m) E(lx) D(m) 1 16001 0.27 2 4000 0.54 3 1778 0.82 4 1000 1.09 5 640 1.36 Luminous flux luminaire 1397 lm</p> |

Optic Medium (24°)

| CCT | CRI | Initial Lumens | Delivered Lumens | Watts | Beam Angle | Part Number | Finish | Photometrics |
|------|-----|----------------|------------------|-------|------------|-------------|---|---|
| 2700 | 90 | 800 / 1590 | 1334 | 14.8 | 24° | 03.9982 | <div>14 Black</div> <div>40 White</div> | <p>Beam Angle: 24° h(m) E(lx) D(m) 1 9069 0.42 2 2267 0.83 3 1008 1.25 4 567 1.67 5 363 2.09 Luminous flux luminaire 1334 lm</p> |
| 3000 | 90 | 845 / 1710 | 1404 | 14.8 | | 03.9987 | <div>14 Black</div> <div>40 White</div> | <p>Beam Angle: 24° h(m) E(lx) D(m) 1 9546 0.42 2 2386 0.83 3 1061 1.25 4 597 1.67 5 382 2.09 Luminous flux luminaire 1404 lm</p> |

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Optic Flood (33°)

| CCT | CRI | Initial Lumens | Delivered Lumens | Watts | Beam Angle | Part Number | Finish | Photometrics |
|------|-----|----------------|------------------|-------|------------|-------------|----------------------|---|
| 2700 | 90 | 800 / 1590 | 1404 | 14.8 | 33° | 03.9983 | 14 Black 40 White |  <p>Beam Angle: 33° h(m) E(lx) D(m) 1 4877 0.60 2 1219 1.19 3 542 1.79 4 305 2.39 5 195 2.98 Luminous flux luminaire 1404 lm</p> |
| 3000 | 90 | 845 / 1710 | 1478 | 14.8 | | 03.9988 | 14 Black 40 White |  <p>Beam Angle: 33° h(m) E(lx) D(m) 1 5133 0.60 2 1283 1.19 3 570 1.79 4 321 2.39 5 205 2.98 Luminous flux luminaire 1478 lm</p> |

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Required Accessories

| | | |
|---|--|--|
| Frame Trim Ø90. Maximum Ceiling thickness 0.8" | Frame Trimless Ø90. Maximum Ceiling thickness 1" CEILING TYPE: Drywall | |
| 08.0165.40 08.0165.14 | 08.0167.00 | |
| | | |
| | | |

Required Drivers

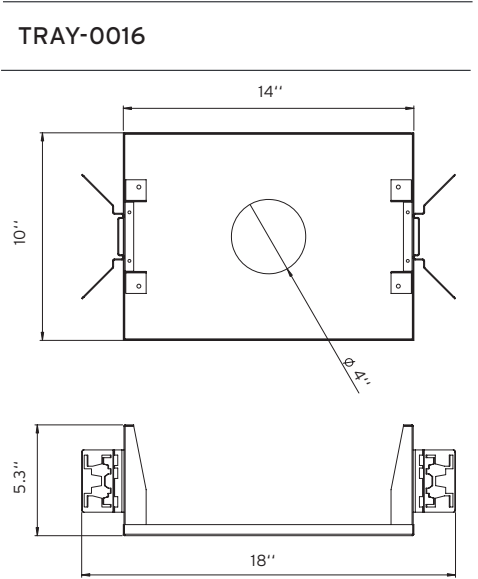
| | | |
|---|---|--|
| Splice Box UL 9" L x 2.5" W x 1.5" H, With Driver Programmed to 400mA , 40W, 0-10V Dimmable, Thermal 120V | Splice Box UL 9" L x 2.5" W x 1.5" H, With Driver Programmed to 400mA , 40W, 0-10V Dimmable, Thermal 277V | |
| SP30W400MA-120-U01 | SP30W400MA-277-U01 | |
| | | |

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Tray - Optional Accessories

Trim registration tray -non electrical,
place holder for non IC new construction,
14" x 10" ø 4"



How to order Light Shadow PRO

