

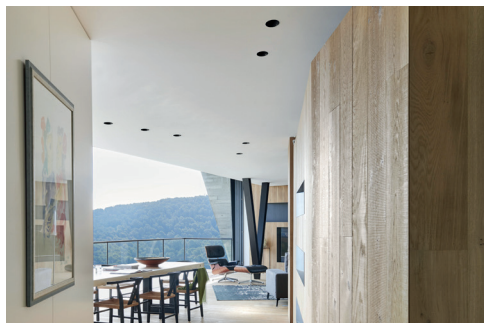


Light Shadow PRO 90 Adjustable

IC Rated / Airtight Recessed Downlight Designed by Flos Architectural

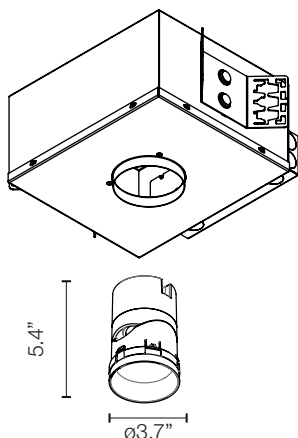
Description

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 5 optics are available in this collection: Super Spot, Spot, Medium, Flood, Wide Flood.



Dimensions

HOUSING: 12.7" x 11.9" x 6.1"



Certifications



Photometrics

For current IES files please visit
arch.flosusa.com

Warranty

2 years from date of sale.

Lamp

Lamp Type	LED
Wattage	12.6W
Initial Lumens (Optic S/M/F)	1590lm, 1710lm, 1815lm
Color Temperature	2700K, 3000K, 4000K *3500K (See Notes)
Color rendering	90

Optical

Beam Angle	9°/ 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 ☐ Steel ☐ Bronze ☐ Copper



Installation type	Ceiling Recessed - Remote from Housing, IC-Rated
Environment	Indoor
Maximum Plenum Height:	6.5"



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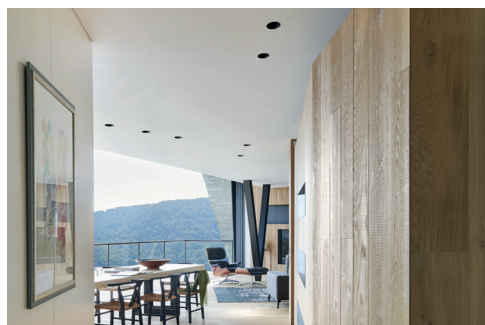
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Electrical & Control

Driver Location	Remote from Housing
Driver Input Voltage	120V - 277V
Control	0-10V, Phase Cut, Eco Syst.
Current	350mA

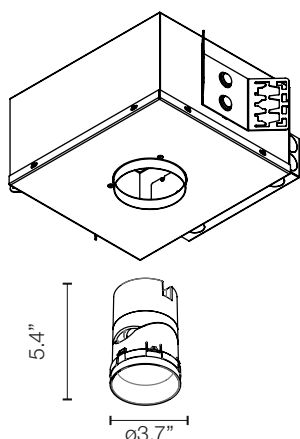
Performance

Delivered Lumens	1420lm, 1495lm, 1137lm
Efficacy	83lm/W



Dimensions

HOUSING: 12.7" x 11.9" x 6.1"



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

Airtight Listed housing for new construction only.

CCEA, Chicago Plenum standard 0-10V Dimmable and ELV.

IC-rated downlight for direct insulation contact.

3500K and other CCT available but not cataloged. Consult factory for additional color temperatures.

Certifications



Photometrics

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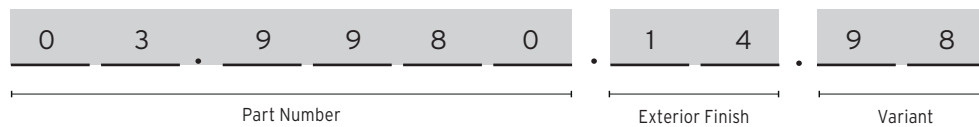
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How to specify



Optic Super Spot (9°)

CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Part Number	Finish	Photometrics																		
2700	90	800	770	12.6	9°	03.9980	<div><div></div>14 Black</div> <div><div></div>40 White</div> <div><div></div>ER Steel</div> <div><div></div>ES Bronze</div> <div><div></div>EQ Copper</div>	<div><p>Beam Angle: 9°</p><table><thead><tr><th>h(m)</th><th>E(lx)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>26281</td><td>0.16</td></tr><tr><td>2</td><td>6570</td><td>0.31</td></tr><tr><td>3</td><td>2920</td><td>0.47</td></tr><tr><td>4</td><td>1643</td><td>0.62</td></tr><tr><td>5</td><td>1051</td><td>0.78</td></tr></tbody></table></div>	h(m)	E(lx)	D(m)	1	26281	0.16	2	6570	0.31	3	2920	0.47	4	1643	0.62	5	1051	0.78
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5	1051	0.78																								
3000	90	845	808	12.6	03.9985	<div><div></div>14 Black</div> <div><div></div>40 White</div> <div><div></div>ER Steel</div> <div><div></div>ES Bronze</div> <div><div></div>EQ Copper</div>	<div><p>Beam Angle: 9°</p><table><thead><tr><th>h(m)</th><th>E(lx)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>27607</td><td>0.16</td></tr><tr><td>2</td><td>6902</td><td>0.31</td></tr><tr><td>3</td><td>3067</td><td>0.47</td></tr><tr><td>4</td><td>1725</td><td>0.62</td></tr><tr><td>5</td><td>1104</td><td>0.78</td></tr></tbody></table></div>	h(m)	E(lx)	D(m)	1	27607	0.16	2	6902	0.31	3	3067	0.47	4	1725	0.62	5	1104	0.78	
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4000	90	915	839	12.6	03.9940	<div><div></div>14 Black</div> <div><div></div>40 White</div> <div><div></div>ER Steel</div> <div><div></div>ES Bronze</div> <div><div></div>EQ Copper</div>	<div><p>Beam Angle: 9°</p><table><thead><tr><th>h(m)</th><th>E(lx)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>28661</td><td>0.16</td></tr><tr><td>2</td><td>7165</td><td>0.31</td></tr><tr><td>3</td><td>3185</td><td>0.47</td></tr><tr><td>4</td><td>1791</td><td>0.62</td></tr><tr><td>5</td><td>1146</td><td>0.78</td></tr></tbody></table></div>	h(m)	E(lx)	D(m)	1	28661	0.16	2	7165	0.31	3	3185	0.47	4	1791	0.62	5	1146	0.78	
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Optic Spot (16°)

CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Part Number	Finish	Photometrics																					
2700	90	1590	1327	12.6	16°	03.9981	<div><div>14 Black</div><div>40 White</div><div>ER Steel</div><div>ES Bronze</div><div>EQ Copper</div></div>	<div><table><tr><td colspan="3">Beam Angle: 16°</td></tr><tr><td>h(m)</td><td>E(lx)</td><td>D(m)</td></tr><tr><td>1</td><td>15200</td><td>0.27</td></tr><tr><td>2</td><td>3800</td><td>0.54</td></tr><tr><td>3</td><td>1689</td><td>0.82</td></tr><tr><td>4</td><td>950</td><td>1.09</td></tr><tr><td>5</td><td>608</td><td>1.36</td></tr></table></div>	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
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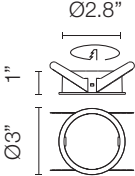
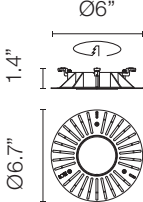
Table with 9 columns: CCT, CRI, Initial Lumens, Delivered Lumens, Watts, Beam Angle, Part Number, Finish, Photometrics. It lists three configurations for the Optic Medium (24°) beam angle, showing different CCT options (2700K, 3000K, 4000K) and their corresponding photometric data.

Table with 9 columns: CCT, CRI, Initial Lumens, Delivered Lumens, Watts, Beam Angle, Part Number, Finish, Photometrics. It lists three configurations for the Optic Flood (33°) beam angle, showing different CCT options (2700K, 3000K, 4000K) and their corresponding photometric data.

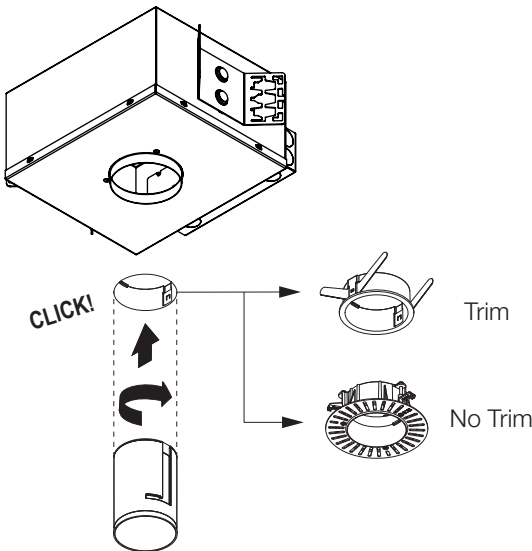
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Required Accessories

Frame Trim Ø90.	Frame Trimless Ø90. CEILING TYPE: Drywall	
<div><div></div> 08.0165.40</div> <div><div></div> 08.0165.14</div>	08.0167.00	
		
		

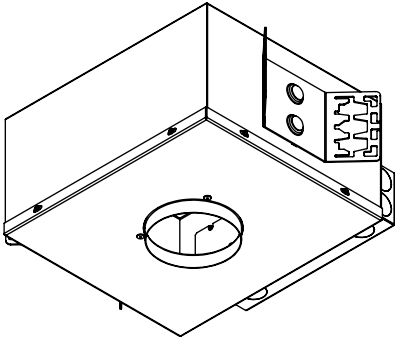
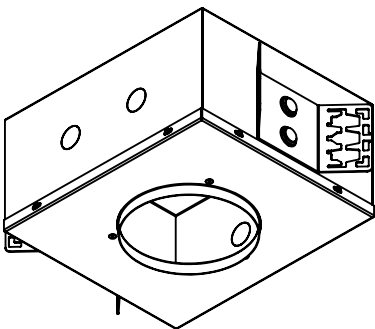
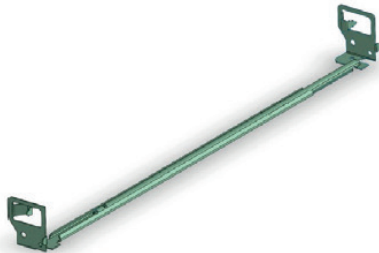
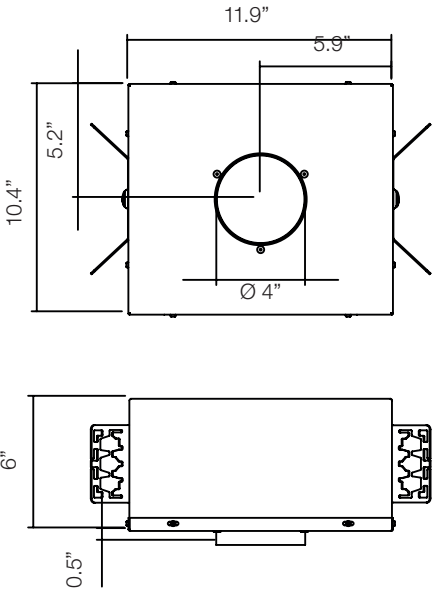
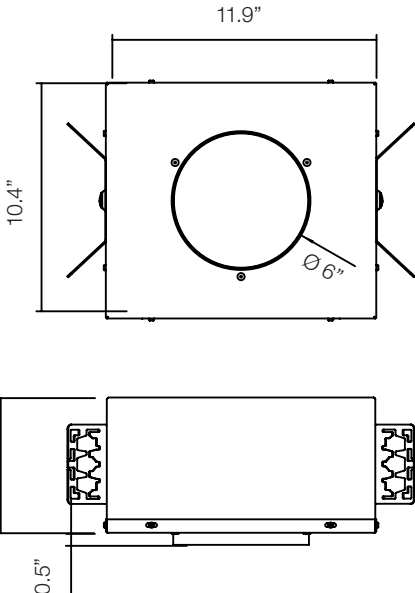
How to order Light Shadow PRO



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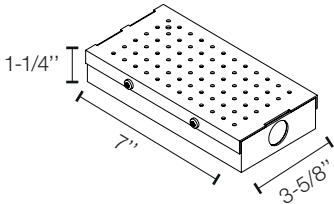
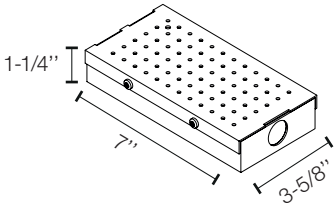
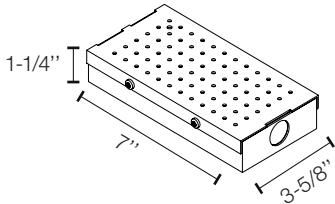
Required Mounting Accessories

LS PRO 90 Adj Trim Airtight Housing for New construction, Remote Driver see options below. CCEA Chicago Plenum	LS PRO 90 Adj Trimless Airtight Housing for New construction, Remote Driver see options below. CCEA Chicago Plenum	1 male, 1 female hanger bar Extendable from 14" to 24" centers. Qty required for housing is 2. Part number listed below is a Set of 2
08.7071.00.90	08.7075.00.90	Part Number: 08.1201.00.UL
		
		

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Required Remote Drivers

ERP- PSB30W-0700-42, 29W, Prog 350-700mA, 28 -42VDC, Tri mode	KeySt KTLD20-UV-SC350-56-VDIM-AF4. 20W , Prog to 350mA, 10-56VDC. 0-10V	Osram OTi25. 25W, Prog 150-1250MA, 8-55VDC, 0-10V
SP22W350MA-VAR-C01	SP20W350MA-10V-V01	SP25W350MA-10V-A01
		
Lutron LDE14U1UKN-AA035.7 - 17.5W, 0.22 - 0.45A, 21 - 50VDC. Dgtl Eco 1%	Lutron PEQ01UVN-2A035 20W max, 0.15 - 1.05A, 10-54VDC. Dgtl Eco 0.1%	Magtech MD22-U42-0350-Xz 20W, 350 mA, 27-42VDC Tri mode dim
SP18W350MA-LDE-S01	SP20W350MA-PEQ-S01	SP22W350MA-VAR-C01
