



Light Shadow PRO 90 Adjustable

IC Rated / Airtight Recessed Downlight Designed by Flos Architectural

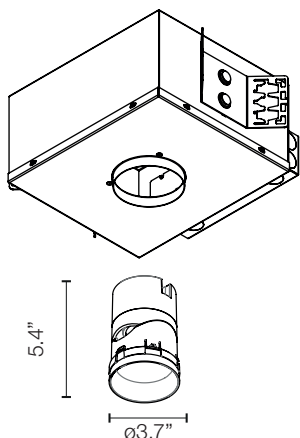
Description

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



JA8-2022 CA
TITLE 24
LISTED

Photometrics

For current IES files please visit
arch.flosusa.com

Warranty

2 years from date of sale.

Lamp

Lamp Type	LED
Wattage Super Spot	8.8W
Wattage (Optic S/M/F)	12.6W
Initial lumens super Spot	925lm
Initial Lumens (Optic S/M/F)	1320lm, 1403lm, 1484lm
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





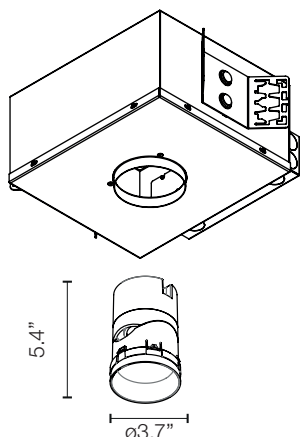
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Physical

Installation type Ceiling Recessed - Remote from Housing,
IC-Rated

Environment Indoor

Maximum Plenum Height: 6.5"

Electrical & Control

Driver Location Remote from Housing

Driver Input Voltage 120V - 277V

Control 0-10V, Phase Cut, Eco Syst.

Current Super Spot 700mA

Current (Optic S/M/F) 350mA

Class 2

Performance

Delivered Lumens Super Spot 696lm

Delivered Lumens (Optic S/M/F) 1062lm, 1209lm, 1265lm

Efficacy up to 100 lm/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

Airtight Listed housing for new construction only.

JA8 Certificate.

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

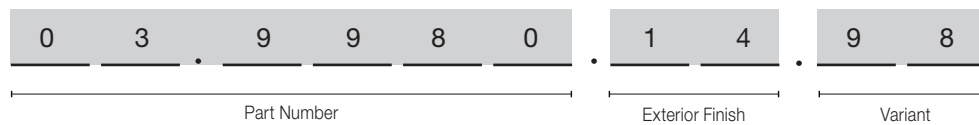
IC-rated downlight for direct insulation contact.

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

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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	816	715	8.8	9°	03.9980	☒ 14 Black ☐ 40 White ☐ ER Steel ☐ ES Bronze	Beam Angle: 9° 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 Luminous flux luminaire 770 lm
3000	90	834	731	8.8		03.9985	☒ 14 Black ☐ 40 White ☐ ER Steel ☐ ES Bronze	Beam Angle: 9° 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 Luminous flux luminaire 808 lm
4000	90	925	811	8.8		03.9940	☒ 14 Black ☐ 40 White ☐ ER Steel ☐ ES Bronze	Beam Angle: 9° 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 Luminous flux luminaire 839 lm

Optic Spot (16°)

CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Part Number	Finish	Photometrics
2700	90	1320	1070	12.6	16°	03.9981	☒ 14 Black ☐ 40 White ☐ ER Steel ☐ ES Bronze	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
3000	90	1403	1137	12.6		03.9986	☒ 14 Black ☐ 40 White ☐ ER Steel ☐ ES Bronze	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
4000	90	1484	1203	12.6		03.9941	☒ 14 Black ☐ 40 White ☐ ER Steel ☐ ES Bronze	Beam Angle: 16° h(m) E(lx) D(m) 1 17438 0.27 2 4359 0.54 3 1938 0.82 4 1090 1.09 5 698 1.36 Luminous flux luminaire 1522 lm

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Optic Medium (24°)

CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Part Number	Finish	Photometrics
2700	90	1320	1076	12.6	24°	03.9982	14 Black 40 White ER Steel ES Bronze	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
3000	90	1403	1143	12.6		03.9987	14 Black 40 White ER Steel ES Bronze	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
4000	90	1484	1204	12.6		03.9942	14 Black 40 White ER Steel ES Bronze	Beam Angle: 24° h(m) E(lx) D(m) 1 10404 0.42 2 2601 0.83 3 1156 1.25 4 650 1.67 5 416 2.09 Luminous flux luminaire 1530 lm

Optic Flood (33°)

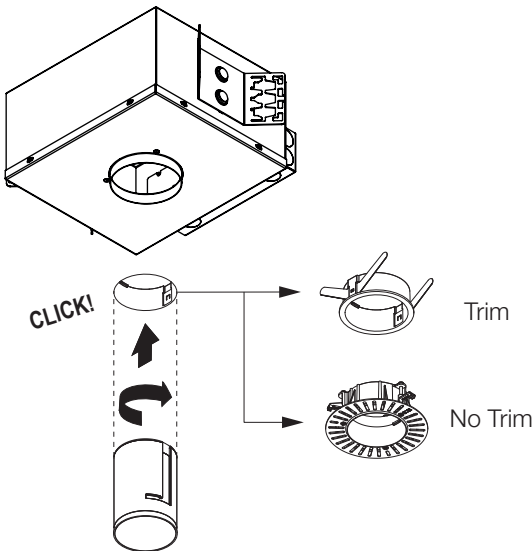
CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Part Number	Finish	Photometrics
2700	90	1320	1126	12.6	33°	03.9983	14 Black 40 White ER Steel ES Bronze	Beam Angle: 33° h(m) E(lx) D(m) 1 4877 0.60 2 1219 1.19 3 542 1.79 4 305 2.39 5 195 2.98 Luminous flux luminaire 1404 lm
3000	90	1403	1196	12.6		03.9988	14 Black 40 White ER Steel ES Bronze	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
4000	90	1484	1265	12.6		03.9943	14 Black 40 White ER Steel ES Bronze	Beam Angle: 33° h(m) E(lx) D(m) 1 5533 0.60 2 1383 1.19 3 615 1.79 4 346 2.39 5 221 2.98 Luminous flux luminaire 1593 lm

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Table with 3 columns: Required Accessories, Optional Accessories, and technical drawings. The first column lists frame trim options (08.0165.14, 08.0165.40) and a 3D/2D drawing of the trim. The second column lists the frame trimless option (08.0167.00) and a 3D/2D drawing of the trimless unit. The third column lists the orientation toolkit (08.0826.00) and a 3D/2D drawing of the toolkit. Dimensions are provided for each component.

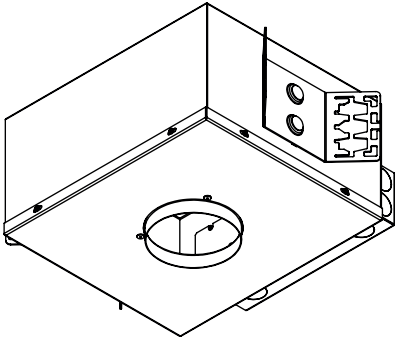
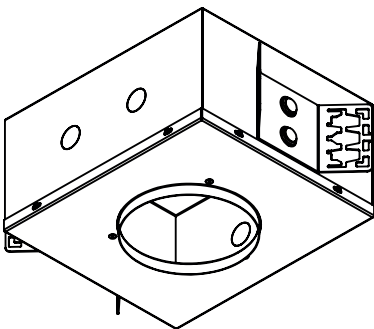
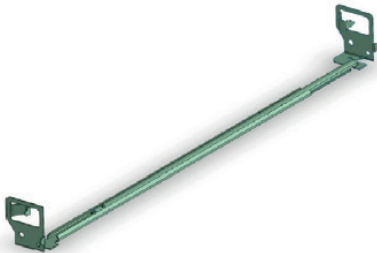
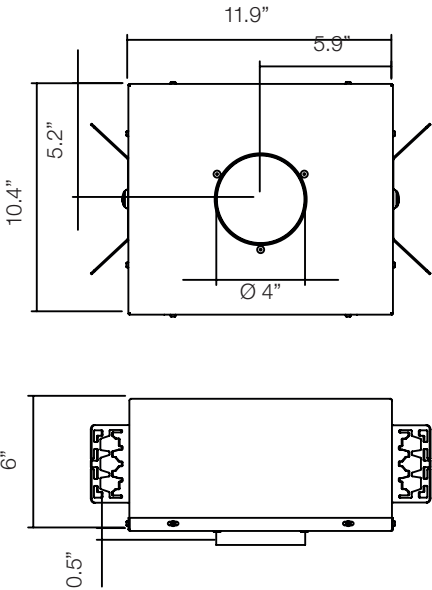
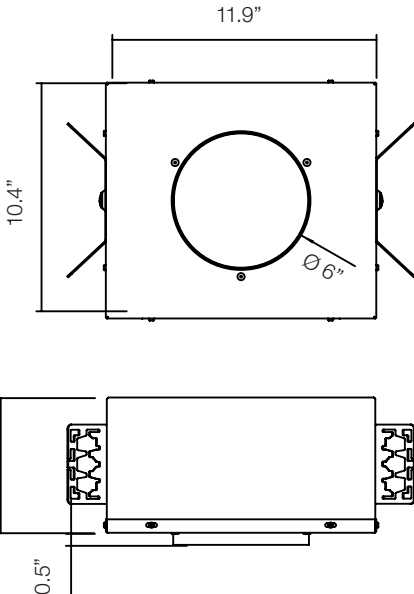
How to order Light Shadow PRO



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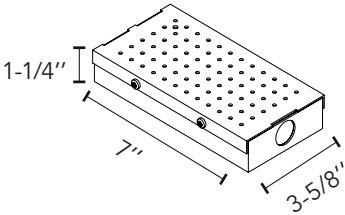
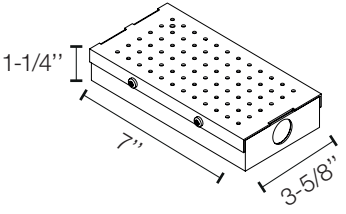
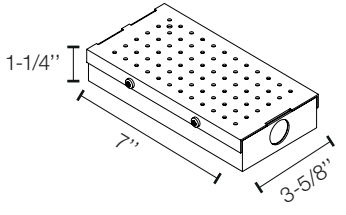
Required Mounting Accessories

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
08.7071.00A90	08.7075.00.90	Part Number: 08.1201.00.UL
		
		

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Required Remote Drivers

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	Osram OTi25. 25W, Prog 150-1250MA, 8-55VDC, 0-10V
SP20W350MA-PEQ-S01	SP22W350MA-VAR-C01	SP25W350MA-10V-A02
		

Required Remote Drivers for Optic Super Spot

Osram OTi25. 25W, Prog 150-1250MA, 8-55VDC, 0-10V	Lutron PEQ11UVN-2A070 20W max, 0.15 - 1.05A, 10-54VDC. Dgtl Eco 0.1%	ERP ESS015W-0700-18 12.6W, 700mA, 10-1VDC, Tri mode dim
SP25W700MA-10V-A01	SP20W700MA-PEQ-S01	SP15W700MA-VAR-U01
