

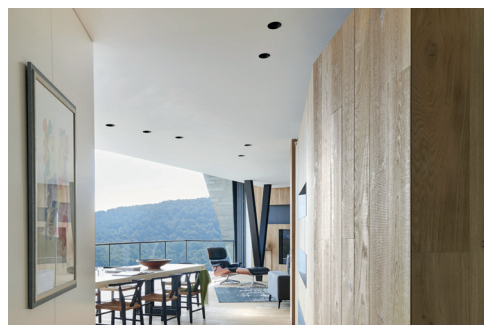


## Light Shadow PRO 90 Adjustable

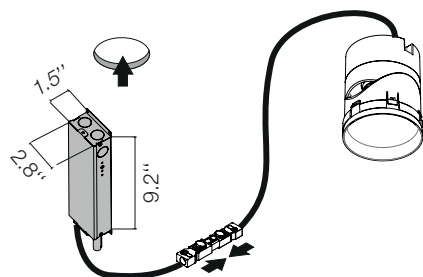
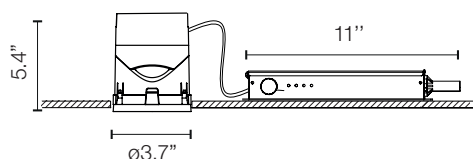
NON-IC Recessed Downlight Designed by Flos Architectural

### Description

The natural evolution of Light Shadow, now available in Pro versions. This high comfort downlight can be integrated in the space thanks to its 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-textured 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



### Certifications



### Photometrics

For current IES files please visit  
[arch.flosusa.com](http://arch.flosusa.com)

### Warranty

2 years from date of sale.

### Lamp

Lamp Type	LED
Wattage Super Spot	8.8W
Wattage (Optic S/M/F)	14.8W
Initial Lumens Super Spot	925lm, 816lm, 834lm
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:



Installation type	Ceiling Recessed
Environment	Indoor
Minimum plenum height	11"

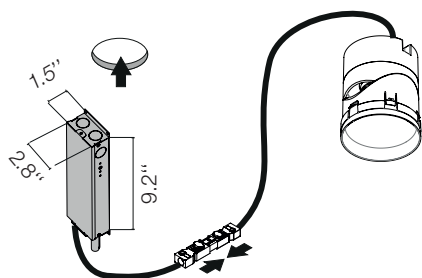
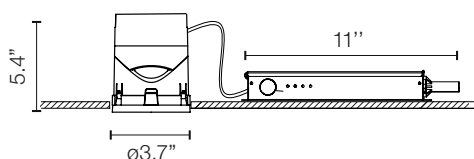


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### Electrical & Control

Driver Location	Attached Splice Box
Driver Input Voltage	120V or 277V (depending on Selected Splice Box)
Control	0-10V, ELV
Current Super Spot	700mA
Current (Optic S/M/F)	400mA

### Performance

Delivered Lumens Super Spot	793 lm, 699 lm, 715 lm
Delivered Lumens (Optic S/M/F)	995 lm, 1072 lm, 1137 lm
Efficacy	up to 76 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

Splice Box is installed from below.

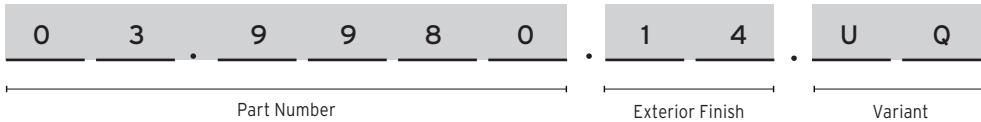
3500K and other CCT available but not cataloged. Consult factory for additional color temperatures.

Min 3" clearance from insulation.

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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	925	793	8.8	9°	03.9980	<div>14 Black</div> <div>40 White</div> <div>ER Steel</div> <div>ES Bronze</div> <div>EQ Copper</div>	<p>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</p>
3000	90	816	699	8.8		03.9985	<div>14 Black</div> <div>40 White</div> <div>ER Steel</div> <div>ES Bronze</div> <div>EQ Copper</div>	<p>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</p>
4000	90	834	715	8.8		03.9940	<div>14 Black</div> <div>40 White</div> <div>ER Steel</div> <div>ES Bronze</div> <div>EQ Copper</div>	<p>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</p>

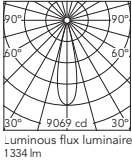
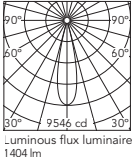
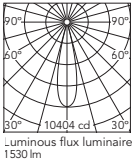
Optic Spot (16°)

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> <div>ER Steel</div> <div>ES Bronze</div> <div>EQ Copper</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> <div>ER Steel</div> <div>ES Bronze</div> <div>EQ Copper</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>
4000	90	915 / 1815	1522	14.8		03.9941	<div>14 Black</div> <div>40 White</div> <div>ER Steel</div> <div>ES Bronze</div> <div>EQ Copper</div>	<p>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</p>

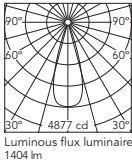
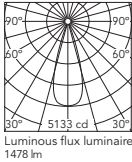
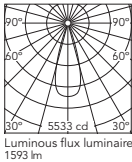
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Optic Medium (24°)

CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Part Number	Finish	Photometrics
2700	90	800 / 1590	1334	14.8	24°	03.9982	14 Black 40 White ER Steel ES Bronze EQ Copper	 <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	14 Black 40 White ER Steel ES Bronze EQ Copper	 <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>
4000	90	915 / 1815	1530	14.8		03.9942	14 Black 40 White ER Steel ES Bronze EQ Copper	 <p>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</p>

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 ER Steel ES Bronze EQ Copper	 <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 ER Steel ES Bronze EQ Copper	 <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>
4000	90	915 / 1815	1593	14.8		03.9943	14 Black 40 White ER Steel ES Bronze EQ Copper	 <p>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</p>

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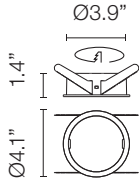

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Required Accessories

Frame Trim Ø90.  
Maximum Ceiling thickness 0.8"

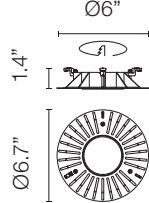

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Frame Trimless Ø90. Maximum Ceiling thickness 1" **CEILING TYPE: Drywall**

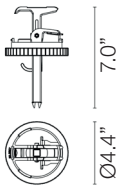
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Optional Accessories

Orientation Toolkit Adjustable Ø90

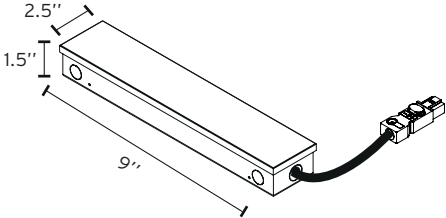
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Required Drivers

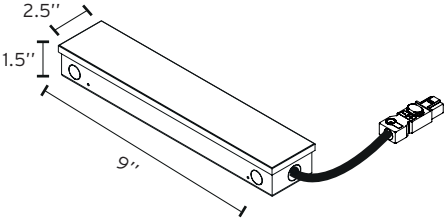
Splice Box UL 9" L x 2.5" W x 1.5" H,  
With Driver Programmed to 400mA ,  
40W, 0-10V Dimmable, Thermal 120V

SP30W400MA-120-U01



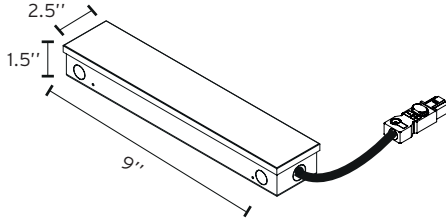
Splice Box UL 9" L x 2.5" W x 1.5" H,  
With Driver Programmed to 400mA ,  
40W, 0-10V Dimmable, Thermal 277V

SP30W400MA-277-U01



Splice Box UL 9" L x 2.5" W x 1.5" H,  
With Driver Programmed to 400mA ,  
30W, ELV Dimmable, Thermal 120V

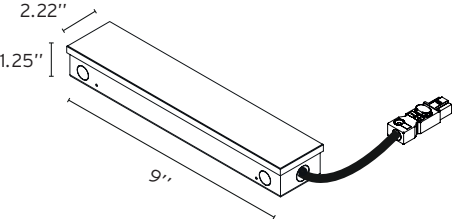
SP30W400MA-ELV-U01



Required Driver for Optic Super Spot

Splice Box UL 120V 700mA 1-10V

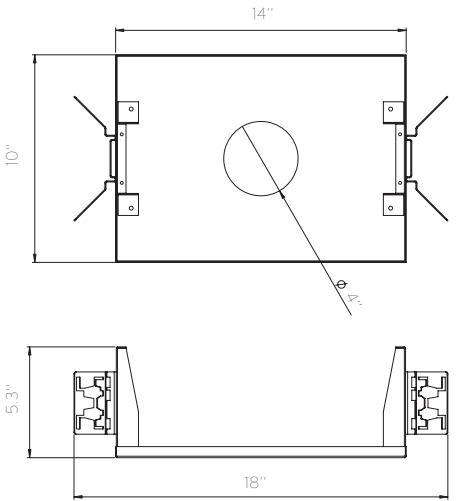
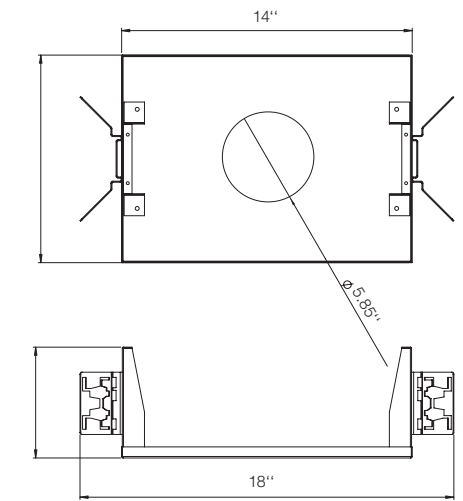
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Tray - Optional Accessories

TRIM registration tray -non electrical, place holder for non IC new construction, 14" x 10" ø 4"	TRIMLESS registration tray -non electrical, place holder for non IC new construction, 14" x 10" ø 5.85"
TRAY-0016	TRAY-0042
	

How to order Light Shadow PRO

