



Light Shadow PRO 45 Fixed

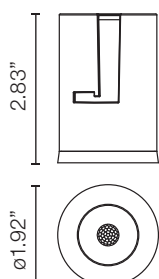
IC - Rated / Airtight Recessed Downlight Designed by Flos Architectural

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



Lamp

Lamp Type	LED Array
Wattage	8.8W
Initial Lumens	816 lm, 834 lm, 925 lm
Color Temperature	2700K, 3000K, 4000K
Color rendering	90

Optical

Beam Angle	15°/ 20°/ 33°
Lighting Type	Direct
Light Distribution	Symmetric

Physical

Material	Aluminum
Aiming	Fixed
Weight	0.26 lb
Ingress Protection Rating	IP54

Finishes:

☐ White ☒ Black ☐ Steel ☐ Bronze ☐ Copper



Certifications



JA8-2022 CA
TITLE 24
LISTED

Photometrics

For current IES files please visit
arch.flosusa.com

Warranty

2 years from date of sale.

Installation type	Recessed
Environment	Indoor - IC Rated

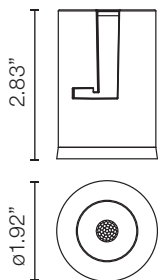


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Dimensions



Electrical & Control

Driver Location	Remote
Driver Input Voltage	120V - 277V
Control	0-10V
Current	700mA max.

Performance

Delivered Lumens	From 667 lm to 768 lm
Efficacy	Up to 87 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 Certification.
- CCEA, Chicago Plenum standard 0-10V Dimmable and ELV.
- IC- Rated downlight for direct insulation contact.

Certifications



JA8-2022 CA
TITLE 24
LISTED

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Warranty

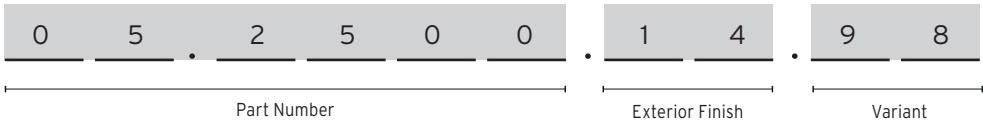
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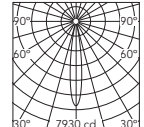
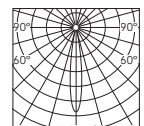
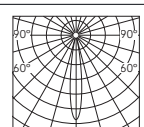
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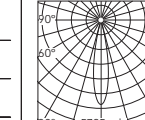
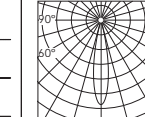
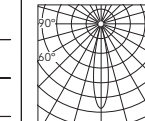
How to specify



Optic Spot (15°)

CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Part Number	Finish	Photometrics																		
2700	90	816	up to 675	8.8	15°	05.2500	<div><div>14 Black</div><div>40 White</div><div>ER Steel</div><div>ES Bronze</div><div>EQ Copper</div></div>	<div><p>Beam Angle: 15°</p><table><thead><tr><th>h(m)</th><th>Et(lx)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>7930</td><td>0.27</td></tr><tr><td>2</td><td>1982</td><td>0.54</td></tr><tr><td>3</td><td>881</td><td>0.81</td></tr><tr><td>4</td><td>496</td><td>1.08</td></tr><tr><td>5</td><td>317</td><td>1.35</td></tr></tbody></table><p>Luminous flux luminaire 675 lm</p></div>	h(m)	Et(lx)	D(m)	1	7930	0.27	2	1982	0.54	3	881	0.81	4	496	1.08	5	317	1.35
h(m)	Et(lx)	D(m)																								
1	7930	0.27																								
2	1982	0.54																								
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4	496	1.08																								
5	317	1.35																								
3000	90	834	up to 690	8.8	05.2505	<div><div>14 Black</div><div>40 White</div><div>ER Steel</div><div>ES Bronze</div><div>EQ Copper</div></div>	<div><p>Beam Angle: 15°</p><table><thead><tr><th>h(m)</th><th>Et(lx)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>8100</td><td>0.27</td></tr><tr><td>2</td><td>2025</td><td>0.54</td></tr><tr><td>3</td><td>900</td><td>0.81</td></tr><tr><td>4</td><td>506</td><td>1.08</td></tr><tr><td>5</td><td>324</td><td>1.35</td></tr></tbody></table><p>Luminous flux luminaire 690 lm</p></div>	h(m)	Et(lx)	D(m)	1	8100	0.27	2	2025	0.54	3	900	0.81	4	506	1.08	5	324	1.35	
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4	506	1.08																								
5	324	1.35																								
4000	90	925	up to 765	8.8	05.2510	<div><div>14 Black</div><div>40 White</div><div>ER Steel</div><div>ES Bronze</div><div>EQ Copper</div></div>	<div><p>Beam Angle: 15°</p><table><thead><tr><th>h(m)</th><th>Et(lx)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>8999</td><td>0.27</td></tr><tr><td>2</td><td>2250</td><td>0.54</td></tr><tr><td>3</td><td>1000</td><td>0.81</td></tr><tr><td>4</td><td>562</td><td>1.08</td></tr><tr><td>5</td><td>360</td><td>1.35</td></tr></tbody></table><p>Luminous flux luminaire 766 lm</p></div>	h(m)	Et(lx)	D(m)	1	8999	0.27	2	2250	0.54	3	1000	0.81	4	562	1.08	5	360	1.35	
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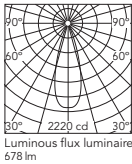
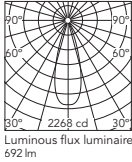
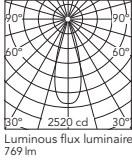
Optic Medium (25°)

CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Part Number	Finish	Photometrics																		
2700	90	816	up to 671	8.8	20°	05.2501	<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: 20°</p><table><thead><tr><th>h(m)</th><th>E(lx)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>5725</td><td>0.34</td></tr><tr><td>2</td><td>1431</td><td>0.69</td></tr><tr><td>3</td><td>636</td><td>1.03</td></tr><tr><td>4</td><td>358</td><td>1.38</td></tr><tr><td>5</td><td>229</td><td>1.72</td></tr></tbody></table><p>Luminous flux luminaire 671 lm</p></div>	h(m)	E(lx)	D(m)	1	5725	0.34	2	1431	0.69	3	636	1.03	4	358	1.38	5	229	1.72
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1	5725	0.34																								
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3	636	1.03																								
4	358	1.38																								
5	229	1.72																								
3000	90	834	up to 686	8.8	05.2506	<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: 20°</p><table><thead><tr><th>h(m)</th><th>E(lx)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>5848</td><td>0.34</td></tr><tr><td>2</td><td>1462</td><td>0.69</td></tr><tr><td>3</td><td>650</td><td>1.03</td></tr><tr><td>4</td><td>365</td><td>1.38</td></tr><tr><td>5</td><td>234</td><td>1.72</td></tr></tbody></table><p>Luminous flux luminaire 685 lm</p></div>	h(m)	E(lx)	D(m)	1	5848	0.34	2	1462	0.69	3	650	1.03	4	365	1.38	5	234	1.72	
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2	1462	0.69																								
3	650	1.03																								
4	365	1.38																								
5	234	1.72																								
4000	90	925	up to 760	8.8	05.2511	<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: 20°</p><table><thead><tr><th>h(m)</th><th>E(lx)</th><th>D(m)</th></tr></thead><tbody><tr><td>1</td><td>6497</td><td>0.34</td></tr><tr><td>2</td><td>1624</td><td>0.69</td></tr><tr><td>3</td><td>722</td><td>1.03</td></tr><tr><td>4</td><td>406</td><td>1.38</td></tr><tr><td>5</td><td>260</td><td>1.72</td></tr></tbody></table><p>Luminous flux luminaire 761 lm</p></div>	h(m)	E(lx)	D(m)	1	6497	0.34	2	1624	0.69	3	722	1.03	4	406	1.38	5	260	1.72	
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1	6497	0.34																								
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Optic Flood (33°)

CCT	CRI	Initial Lumens	Delivered Lumens	Watts	Beam Angle	Part Number	Finish	Photometrics
2700	90	816	up to 678	8	33°	05.2502	14 Black 40 White ER Steel ES Bronze EQ Copper	 <p>Beam Angle: 33° h(m) E(lx) D(m) 1 2219 0.58 2 555 1.17 3 247 1.75 4 139 2.34 5 89 2.92 Luminous flux luminaire 678 lm</p>
3000	90	834	up to 692	8		05.2507	14 Black 40 White ER Steel ES Bronze EQ Copper	 <p>Beam Angle: 33° h(m) E(lx) D(m) 1 2267 0.58 2 567 1.17 3 252 1.75 4 142 2.34 5 91 2.92 Luminous flux luminaire 692 lm</p>
4000	90	925	up to 768	8		05.2512	14 Black 40 White ER Steel ES Bronze EQ Copper	 <p>Beam Angle: 33° h(m) E(lx) D(m) 1 2519 0.58 2 630 1.17 3 280 1.75 4 157 2.34 5 101 2.92 Luminous flux luminaire 769 lm</p>

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Required Accessories

Light Shadow PRO 45 Fixed Trim Airtight Housing for New construction, Remote Driver, 0-10V and ELV dimmable driver. CCEA Chicago Plenum	Light Shadow PRO 45 Fixed Trimless Airtight Housing for New construction, Remote Driver, 0-10V and ELV dimmable driver. CCEA Chicago Plenum	Hanger Bar 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
08.7120.00.90	08.7121.00.90	08.1201.00.UL

Required Accessories

Frame Trim Ø45. Fixed	Frame No Trim Ø45. Fixed	
08.0360.40 08.0360.14	08.0361.00	

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Required Remote Drivers

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, TRIAC, ELV & 0-10V
SP25W700MA-10V-A01	SP20W700MA-PEQ-S01	SP15W700MA-VAR-U01
