



## Light Shadow Dots

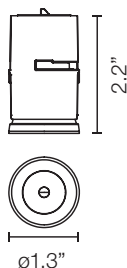
Ceiling Recessed Fixed Downlight

### Description

Flos introduces Light Shadow DOTS a revolution in low-glare lighting. A patented and unique optical solution in this new family reaches extreme cut off angles without sacrificing efficiency. The optics have been designed exclusively by FLOS and guarantee maximum control and uniformity of the beam. Light Shadow DOTS is an IC rated downlight that can be perfectly incorporated into any architecture because of its extraordinary compact size that allows the integration even when there is a minimum space. The collection is available in 1/ 2 or 4 frames trimless, and 2 inter-space option 1.69" and 2.76". It can be mounted in continuous row.



### Dimensions



### Certifications



### Photometrics

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

### Warranty

2 years from date of sale.

### Lamp

Lamps Type	LED
Wattage	1.8W
Initial Lumens	184lm, 194lm, 202lm
Color Temperature	2700K, 3000K, 4000K, 3500* (See Notes)
Color rendering	CRI 90

### Optical

Beam Angle	*10°-13° / 21°-22° / 26°-33° / 38°-46°
Lighting Type	Direct
Light Distribution	Symmetric

\* Spot, Medium, Flood, Wide Flood

### Physical

Material	Aluminum / Injected thermoplastic
Aiming	Fixed
Weight	0.11 Lbs
Ingress Protection Rating	IP20

### Finishes:

☐ White ☒ Black ☐ Steel ☐ Bronze ☐ Copper



### Installation type

Ceiling Recessed

### Environment

Indoor



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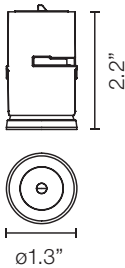
Electrical & Control

Driver Input Voltage	120V - 277V
Control	Standard 0-10V dimming 1% linear
Driver	Remote - Order Separately
Current	600mA
Vf	3V

Performance

Delivered Lumens	140lm to 202lm.
Efficacy	104.7lm/W

Dimensions



Notes

Integral LED board is not field replaceable.

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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Warranty

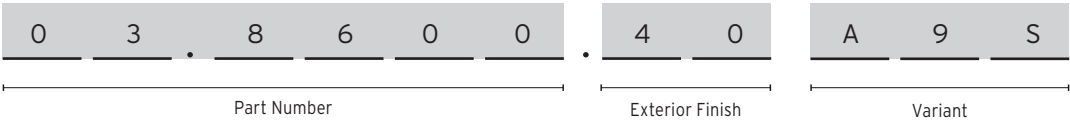
2 years from date of sale.



Light Shadow Dots

Ceiling Recessed Fixed Downlight

How to specify



SET OF 1 SPOT   How to Specify						
ex. 03.8600.40.A9S .A9S = IC Rated - Remote Power Supply						
CCT	CRI	Initial Lumens	Watts	Beam Angle	Part Number	Finish
2700	90	270	1.8	10°	03.8600	14 Black 40 White ER Steel ES Bronze EQ Copper
3000	90	285	1.8		03.8603	
4000	90	293	1.8		03.8606	
2700	90	270	1.8	22°	03.8601	14 Black 40 White ER Steel ES Bronze EQ Copper
3000	90	285	1.8		03.8604	
4000	90	293	1.8		03.8607	
2700	90	270	1.8	33°	03.8602	14 Black 40 White ER Steel ES Bronze EQ Copper
3000	90	285	1.8		03.8605	
4000	90	293	1.8		03.8608	
2700	90	270	1.8	45°	03.8630	14 Black 40 White ER Steel ES Bronze EQ Copper
3000	90	285	1.8		03.8631	
4000	90	293	1.8		03.8633	

Light Shadow Dots

Ceiling Recessed Fixed Downlight



Photometrics

<p><b>2700 K - SPOT</b></p> <p>Beam Angle: 10°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>3436</td> <td>0.17</td> </tr> <tr> <td>2</td> <td>859</td> <td>0.35</td> </tr> <tr> <td>3</td> <td>382</td> <td>0.52</td> </tr> <tr> <td>4</td> <td>215</td> <td>0.70</td> </tr> <tr> <td>5</td> <td>137</td> <td>0.87</td> </tr> </table> <p>Luminous flux luminaire 188 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	3436	0.17	2	859	0.35	3	382	0.52	4	215	0.70	5	137	0.87	<p><b>2700 K - MEDIUM</b></p> <p>Beam Angle: 22°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>1243</td> <td>0.39</td> </tr> <tr> <td>2</td> <td>311</td> <td>0.78</td> </tr> <tr> <td>3</td> <td>138</td> <td>1.17</td> </tr> <tr> <td>4</td> <td>78</td> <td>1.56</td> </tr> <tr> <td>5</td> <td>50</td> <td>1.95</td> </tr> </table> <p>Luminous flux luminaire 186 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	1243	0.39	2	311	0.78	3	138	1.17	4	78	1.56	5	50	1.95	<p><b>2700 K - FLOOD</b></p> <p>Beam Angle: 33°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>577</td> <td>0.59</td> </tr> <tr> <td>2</td> <td>144</td> <td>1.18</td> </tr> <tr> <td>3</td> <td>64</td> <td>1.78</td> </tr> <tr> <td>4</td> <td>36</td> <td>2.37</td> </tr> <tr> <td>5</td> <td>23</td> <td>2.96</td> </tr> </table> <p>Luminous flux luminaire 185 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	577	0.59	2	144	1.18	3	64	1.78	4	36	2.37	5	23	2.96	<p><b>2700 K - WIDE FLOOD</b></p> <p>Beam Angle: 45°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>341</td> <td>0.83</td> </tr> <tr> <td>2</td> <td>85</td> <td>1.67</td> </tr> <tr> <td>3</td> <td>38</td> <td>2.50</td> </tr> <tr> <td>4</td> <td>21</td> <td>3.34</td> </tr> <tr> <td>5</td> <td>14</td> <td>4.17</td> </tr> </table> <p>Luminous flux luminaire 183 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	341	0.83	2	85	1.67	3	38	2.50	4	21	3.34	5	14	4.17
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<p><b>3000 K - SPOT</b></p> <p>Beam Angle: 10°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>3665</td> <td>0.17</td> </tr> <tr> <td>2</td> <td>916</td> <td>0.35</td> </tr> <tr> <td>3</td> <td>407</td> <td>0.52</td> </tr> <tr> <td>4</td> <td>229</td> <td>0.70</td> </tr> <tr> <td>5</td> <td>147</td> <td>0.87</td> </tr> </table> <p>Luminous flux luminaire 200 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	3665	0.17	2	916	0.35	3	407	0.52	4	229	0.70	5	147	0.87	<p><b>3000 K - MEDIUM</b></p> <p>Beam Angle: 22°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>1325</td> <td>0.39</td> </tr> <tr> <td>2</td> <td>331</td> <td>0.78</td> </tr> <tr> <td>3</td> <td>147</td> <td>1.17</td> </tr> <tr> <td>4</td> <td>83</td> <td>1.56</td> </tr> <tr> <td>5</td> <td>53</td> <td>1.95</td> </tr> </table> <p>Luminous flux luminaire 198 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	1325	0.39	2	331	0.78	3	147	1.17	4	83	1.56	5	53	1.95	<p><b>3000 K - FLOOD</b></p> <p>Beam Angle: 33°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>616</td> <td>0.59</td> </tr> <tr> <td>2</td> <td>154</td> <td>1.18</td> </tr> <tr> <td>3</td> <td>68</td> <td>1.78</td> </tr> <tr> <td>4</td> <td>38</td> <td>2.37</td> </tr> <tr> <td>5</td> <td>25</td> <td>2.96</td> </tr> </table> <p>Luminous flux luminaire 198 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	616	0.59	2	154	1.18	3	68	1.78	4	38	2.37	5	25	2.96	<p><b>3000 K - WIDE FLOOD</b></p> <p>Beam Angle: 45°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>363</td> <td>0.83</td> </tr> <tr> <td>2</td> <td>91</td> <td>1.67</td> </tr> <tr> <td>3</td> <td>40</td> <td>2.50</td> </tr> <tr> <td>4</td> <td>23</td> <td>3.34</td> </tr> <tr> <td>5</td> <td>15</td> <td>4.17</td> </tr> </table> <p>Luminous flux luminaire 195 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	363	0.83	2	91	1.67	3	40	2.50	4	23	3.34	5	15	4.17
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<p><b>4000 K - SPOT</b></p> <p>Beam Angle: 10°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>4504</td> <td>0.17</td> </tr> <tr> <td>2</td> <td>1126</td> <td>0.35</td> </tr> <tr> <td>3</td> <td>500</td> <td>0.52</td> </tr> <tr> <td>4</td> <td>282</td> <td>0.70</td> </tr> <tr> <td>5</td> <td>180</td> <td>0.87</td> </tr> </table> <p>Luminous flux luminaire 246 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	4504	0.17	2	1126	0.35	3	500	0.52	4	282	0.70	5	180	0.87	<p><b>4000 K - MEDIUM</b></p> <p>Beam Angle: 22°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>1605</td> <td>0.39</td> </tr> <tr> <td>2</td> <td>401</td> <td>0.78</td> </tr> <tr> <td>3</td> <td>178</td> <td>1.17</td> </tr> <tr> <td>4</td> <td>100</td> <td>1.56</td> </tr> <tr> <td>5</td> <td>64</td> <td>1.95</td> </tr> </table> <p>Luminous flux luminaire 240 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	1605	0.39	2	401	0.78	3	178	1.17	4	100	1.56	5	64	1.95	<p><b>4000 K - FLOOD</b></p> <p>Beam Angle: 33°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>740</td> <td>0.59</td> </tr> <tr> <td>2</td> <td>185</td> <td>1.18</td> </tr> <tr> <td>3</td> <td>82</td> <td>1.78</td> </tr> <tr> <td>4</td> <td>46</td> <td>2.37</td> </tr> <tr> <td>5</td> <td>30</td> <td>2.96</td> </tr> </table> <p>Luminous flux luminaire 237 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	740	0.59	2	185	1.18	3	82	1.78	4	46	2.37	5	30	2.96	<p><b>4000 K - WIDE FLOOD</b></p> <p>Beam Angle: 45°</p> <table> <tr> <th>h(m)</th> <th>E(lx)</th> <th>D(m)</th> </tr> <tr> <td>1</td> <td>431</td> <td>0.83</td> </tr> <tr> <td>2</td> <td>108</td> <td>1.67</td> </tr> <tr> <td>3</td> <td>48</td> <td>2.50</td> </tr> <tr> <td>4</td> <td>27</td> <td>3.34</td> </tr> <tr> <td>5</td> <td>17</td> <td>4.17</td> </tr> </table> <p>Luminous flux luminaire 231 lm (EXTREME CUT OFF)</p>	h(m)	E(lx)	D(m)	1	431	0.83	2	108	1.67	3	48	2.50	4	27	3.34	5	17	4.17
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Light Shadow Dots

Ceiling Recessed Fixed Downlight



SET OF 2 SPOT		How to Specify		ex. 03.8640.40.A9S			.A9S = IC Rated - Remote Power Supply		
CCT	CRI	Initial Lumens	Watts	Beam Angle	Part Number	Finish			
2700	90	270	1.8 x 2	10°	03.8640	<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>			
3000	90	285	1.8 x 2		03.8643				
4000	90	293	1.8 x 2		03.8671				
2700	90	270	1.8 x 2	22°	03.8641	<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>			
3000	90	285	1.8 x 2		03.8644				
4000	90	293	1.8 x 2		03.8672				
2700	90	270	1.8 x 2	33°	03.8642	<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>			
3000	90	285	1.8 x 2		03.8645				
4000	90	293	1.8 x 2		03.8673				
2700	90	270	1.8 x 2	45°	03.8646	<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>			
3000	90	285	1.8 x 2		03.8647				
4000	90	293	1.8 x 2		03.8674				

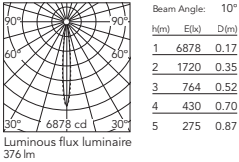
Light Shadow Dots

Ceiling Recessed Fixed Downlight

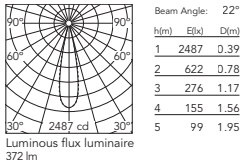


Photometrics

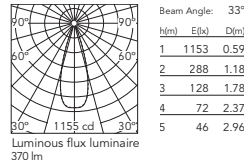
2700 K - SPOT



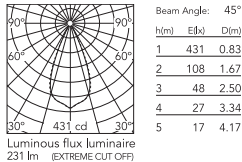
2700 K - MEDIUM



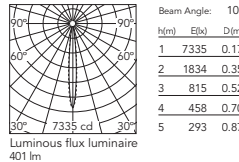
2700 K - FLOOD



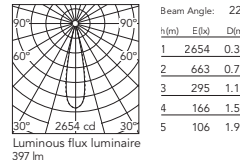
2700 K - WIDE FLOOD



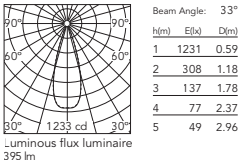
3000 K - SPOT



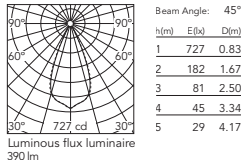
3000 K - MEDIUM



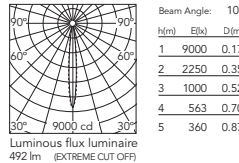
3000 K - FLOOD



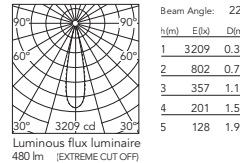
3000 K - WIDE FLOOD



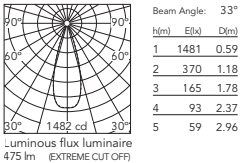
4000 K - SPOT



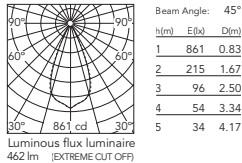
4000 K - MEDIUM



4000 K - FLOOD



4000 K - WIDE FLOOD



Light Shadow Dots

Ceiling Recessed Fixed Downlight



SET OF 4 SPOT | How to Specify ex. 03.8610.40.A9S .A9S = IC Rated - Remote Power Supply

CCT	CRI	Initial Lumens	Watts	Beam Angle	Part Number	Finish
2700	90	270	1.8 x 4	10°	03.8610	<div><div>14 Black</div><div>40 White</div><div>ER Steel</div><div>ES Bronze</div><div>EQ Copper</div></div>
3000	90	285	1.8 x 4		03.8613	
4000	90	293	1.8 x 4		03.8616	
2700	90	270	1.8 x 4	22°	03.8611	<div><div>14 Black</div><div>40 White</div><div>ER Steel</div><div>ES Bronze</div><div>EQ Copper</div></div>
3000	90	285	1.8 x 4		03.8614	
4000	90	293	1.8 x 4		03.8617	
2700	90	270	1.8 x 4	33°	03.8612	<div><div>14 Black</div><div>40 White</div><div>ER Steel</div><div>ES Bronze</div><div>EQ Copper</div></div>
3000	90	285	1.8 x 4		03.8615	
4000	90	293	1.8 x 4		03.8618	
2700	90	270	1.8 x 4	45°	03.8635	<div><div>14 Black</div><div>40 White</div><div>ER Steel</div><div>ES Bronze</div><div>EQ Copper</div></div>
3000	90	285	1.8 x 4		03.8636	
4000	90	293	1.8 x 4		03.8637	

Light Shadow Dots

Ceiling Recessed Fixed Downlight



Photometrics

<p>2700 K - SPOT</p> <p>Beam Angle: 10° h(m) E(lx) D(m) 1 13738 0.17 2 3434 0.35 3 1526 0.52 4 859 0.70 5 550 0.87 Luminous flux luminaire 751 lm</p>	<p>2700 K - MEDIUM</p> <p>Beam Angle: 22° h(m) E(lx) D(m) 1 4974 0.39 2 1243 0.78 3 553 1.17 4 311 1.56 5 199 1.95 Luminous flux luminaire 744 lm</p>	<p>2700 K - FLOOD</p> <p>Beam Angle: 33° h(m) E(lx) D(m) 1 2310 0.59 2 578 1.18 3 257 1.78 4 144 2.37 5 92 2.96 Luminous flux luminaire 741 lm</p>	<p>2700 K - WIDE FLOOD</p> <p>Beam Angle: 45° h(m) E(lx) D(m) 1 1362 0.83 2 341 1.67 3 151 2.50 4 85 3.34 5 54 4.17 Luminous flux luminaire 731 lm</p>
<p>3000 K - SPOT</p> <p>Beam Angle: 10° h(m) E(lx) D(m) 1 14653 0.17 2 3663 0.35 3 1628 0.52 4 916 0.70 5 586 0.87 Luminous flux luminaire 801 lm</p>	<p>3000 K - MEDIUM</p> <p>Beam Angle: 22° h(m) E(lx) D(m) 1 5301 0.39 2 1325 0.78 3 589 1.17 4 331 1.56 5 212 1.95 Luminous flux luminaire 793 lm</p>	<p>3000 K - FLOOD</p> <p>Beam Angle: 33° h(m) E(lx) D(m) 1 2463 0.59 2 616 1.18 3 274 1.78 4 154 2.37 5 99 2.96 Luminous flux luminaire 790 lm</p>	<p>3000 K - WIDE FLOOD</p> <p>Beam Angle: 45° h(m) E(lx) D(m) 1 1454 0.83 2 363 1.67 3 162 2.50 4 91 3.34 5 58 4.17 Luminous flux luminaire 780 lm</p>
<p>4000 K - SPOT</p> <p>Beam Angle: 10° h(m) E(lx) D(m) 1 18018 0.17 2 4505 0.35 3 2002 0.52 4 1126 0.70 5 721 0.87 Luminous flux luminaire 985 lm (EXTREME CUT OFF)</p>	<p>4000 K - MEDIUM</p> <p>Beam Angle: 22° h(m) E(lx) D(m) 1 6418 0.39 2 1604 0.78 3 713 1.17 4 401 1.56 5 257 1.95 Luminous flux luminaire 960 lm (EXTREME CUT OFF)</p>	<p>4000 K - FLOOD</p> <p>Beam Angle: 33° h(m) E(lx) D(m) 1 2962 0.59 2 740 1.18 3 329 1.78 4 185 2.37 5 118 2.96 Luminous flux luminaire 950 lm (EXTREME CUT OFF)</p>	<p>4000 K - WIDE FLOOD</p> <p>Beam Angle: 45° h(m) E(lx) D(m) 1 1724 0.83 2 431 1.67 3 192 2.50 4 108 3.34 5 69 4.17 Luminous flux luminaire 925 lm (EXTREME CUT OFF)</p>


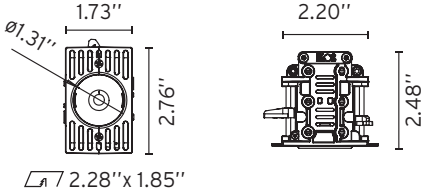

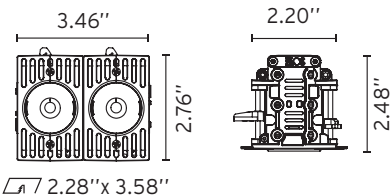

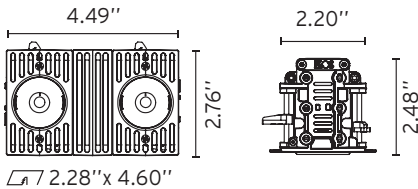
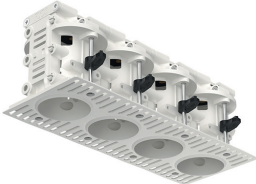
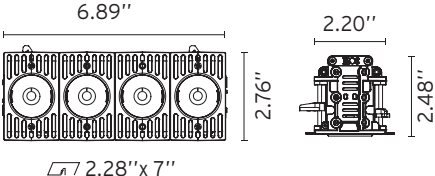
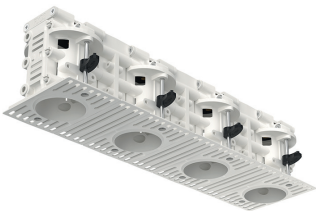
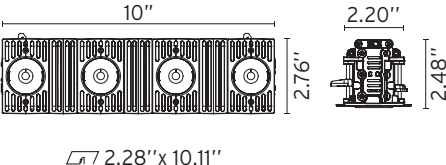
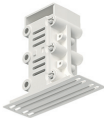
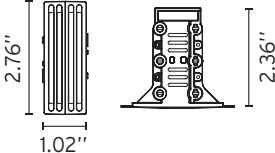


Light Shadow Dots

Ceiling Recessed Fixed Downlight


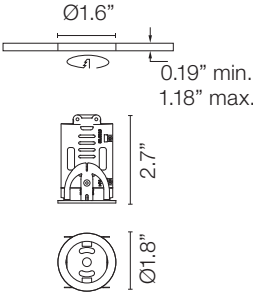
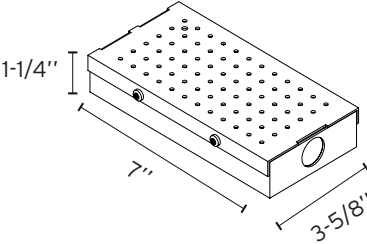
Required Mounting Accessories



<p>Pre-installation frame. 1 L</p> <p>Part Number: 08.0580.00.9S</p>  	<p>Pre-installation frame. 2 L Space 43 mm - 1.69"</p> <p>Part Number: 08.0581.00.9S</p>  	<p>Pre-installation frame. 2 L Space 70 mm - 2.76"</p> <p>Part Number: 08.0583.00.9S</p>  
<p>Pre-installation frame. 4 L Space 43 mm - 1.69"</p> <p>Part Number: 08.0582.00.9S</p>  	<p>Pre-installation frame. 4 L Space 70 mm - 2.76"</p> <p>Part Number: 08.0584.00.9S</p>  	<p>70 mm - 2.76" spacer to maintain between 2 consecutive frames when joining them together.</p> <p>Part Number: 08.0586.00</p>  

Light Shadow Dots

Ceiling Recessed Fixed Downlight

Light Shadow Dots Trim Accessory	Drivers
Pre-installation frame.	Splice Box UL 7"x3-5/8"x1-1/4", UL. With Driver Programmed to 600mA , 12W, 0-10V Dimmable, 120/277V
<div>1L</div> <div><div></div>08.0661.40.9S</div> <div><div></div>08.0661.14.9S</div>	Part Number: SP12W600MA-10V-T01
<div></div> <div></div>	<div></div> <div>Minimum: 1 fixtures Maximum: 5 fixtures (In series)</div>

