



## Light Shadow Dots

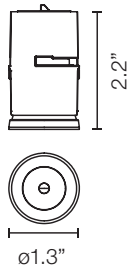
Ceiling Recessed Fixed Downlight

### 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	212 lm, 226 lm, 306 lm
Color Temperature	2700K, 3000K, 4000K, 3500* (See Notes)
Color rendering	CRI 90

### Optical

Beam Angle	*11° / 22° / 28° / 45°
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



Installation type	Ceiling Recessed
Environment	Indoor



## Light Shadow Dots

Ceiling Recessed Fixed Downlight



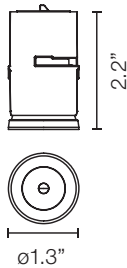
### Electrical & Control

Driver Input Voltage	120V - 277V
Control	Standard 0-10V dimming 1% linear
Driver	Remote - Order Separately
Current	600mA
Vf	6V

### Performance

Delivered Lumens	up to 268 lm.
Efficacy	up to 148 lm/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.C9S

.C9S = IC Rated - Remote Power Supply



CCT	CRI	Initial Lumens	Watts	Beam Angle	Part Number	Finish
2700	90	212	1.8	11°	03.8600	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	226	1.8		03.8603	
4000	90	306	1.8		03.8606	
2700	90	212	1.8	22°	03.8601	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	226	1.8		03.8604	
4000	90	306	1.8		03.8607	
2700	90	212	1.8	28°	03.8602	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	226	1.8		03.8605	
4000	90	306	1.8		03.8608	
2700	90	212	1.8	45°	03.8630	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	226	1.8		03.8631	
4000	90	306	1.8		03.8633	

## Light Shadow Dots

Ceiling Recessed Fixed Downlight

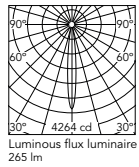
Fixture Type .....

Job Name .....

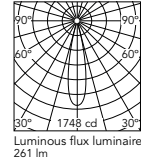


### Photometrics

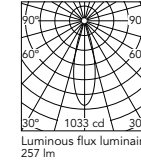
2700 K - SPOT



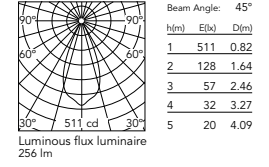
2700 K - MEDIUM



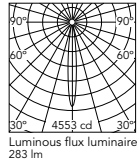
2700 K - FLOOD



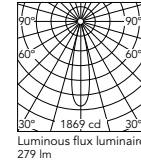
2700 K - WIDE FLOOD



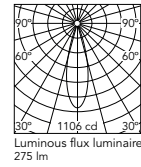
3000 K - SPOT



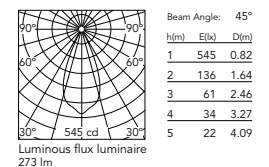
3000 K - MEDIUM



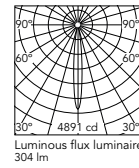
3000 K - FLOOD



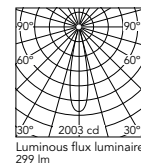
3000 K - WIDE FLOOD



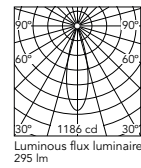
4000 K - SPOT



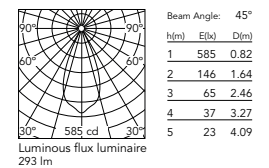
4000 K - MEDIUM



4000 K - FLOOD



4000 K - WIDE FLOOD



## Light Shadow Dots

Ceiling Recessed Fixed Downlight



**SET OF 2 SPOT** | How to Specify      ex. 03.8640.40.C9S      .C9S = IC Rated - Remote Power Supply

CCT	CRI	Initial Lumens	Watts	Beam Angle	Part Number	Finish
2700	90	424	1.8 x 2	11°	03.8640	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	452	1.8 x 2		03.8643	
4000	90	612	1.8 x 2		03.8671	
2700	90	424	1.8 x 2	22°	03.8641	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	452	1.8 x 2		03.8644	
4000	90	612	1.8 x 2		03.8672	
2700	90	424	1.8 x 2	28°	03.8642	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	452	1.8 x 2		03.8645	
4000	90	612	1.8 x 2		03.8673	
2700	90	424	1.8 x 2	45°	03.8646	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	452	1.8 x 2		03.8647	
4000	90	612	1.8 x 2		03.8674	

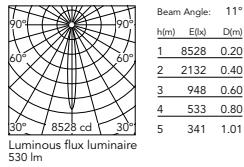
## Light Shadow Dots

Ceiling Recessed Fixed Downlight

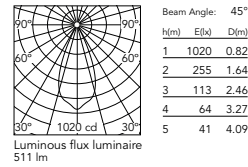


### Photometrics

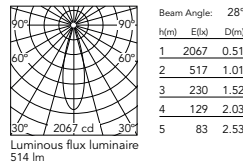
2700 K - SPOT



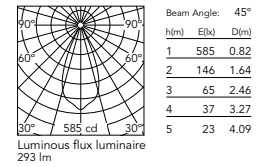
2700 K - MEDIUM



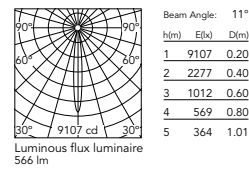
2700 K - FLOOD



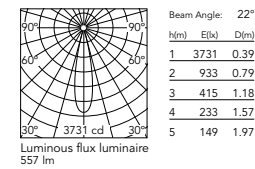
2700 K - WIDE FLOOD



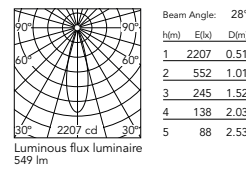
3000 K - SPOT



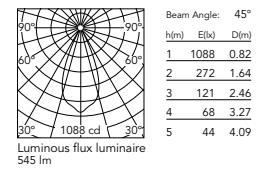
3000 K - MEDIUM



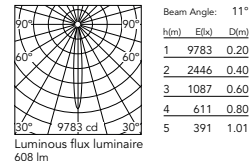
3000 K - FLOOD



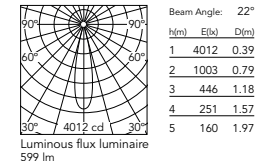
3000 K - WIDE FLOOD



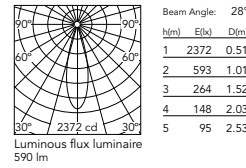
4000 K - SPOT



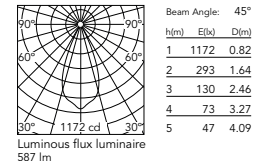
4000 K - MEDIUM



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.C9S .C9S = IC Rated - Remote Power Supply

CCT	CRI	Initial Lumens	Watts	Beam Angle	Part Number	Finish
2700	90	848	1.8 x 4	11°	03.8610	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	904	1.8 x 4		03.8613	
4000	90	1224	1.8 x 4		03.8616	
2700	90	848	1.8 x 4	22°	03.8611	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	904	1.8 x 4		03.8614	
4000	90	1224	1.8 x 4		03.8617	
2700	90	848	1.8 x 4	28°	03.8612	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	904	1.8 x 4		03.8615	
4000	90	1224	1.8 x 4		03.8618	
2700	90	848	1.8 x 4	45°	03.8635	<input type="checkbox"/> 14 Black <input type="checkbox"/> 40 White <input type="checkbox"/> ER Steel <input type="checkbox"/> ES Bronze
3000	90	904	1.8 x 4		03.8636	
4000	90	1224	1.8 x 4		03.8637	

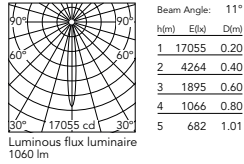
## Light Shadow Dots

Ceiling Recessed Fixed Downlight

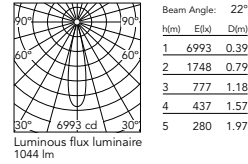


### Photometrics

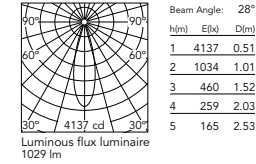
#### 2700 K - SPOT



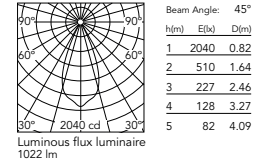
#### 2700 K - MEDIUM



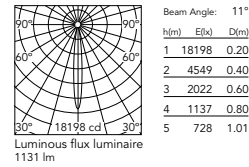
#### 2700 K - FLOOD



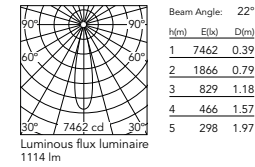
#### 2700 K - WIDE FLOOD



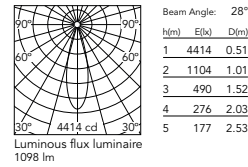
#### 3000 K - SPOT



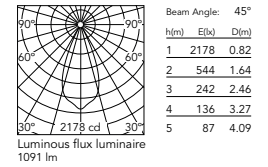
#### 3000 K - MEDIUM



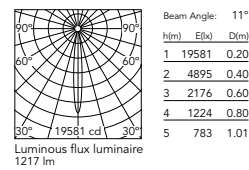
#### 3000 K - FLOOD



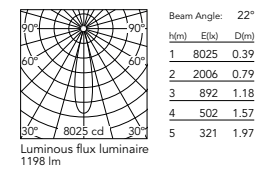
#### 3000 K - WIDE FLOOD



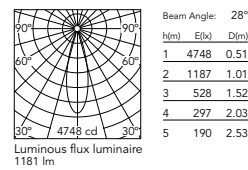
#### 4000 K - SPOT



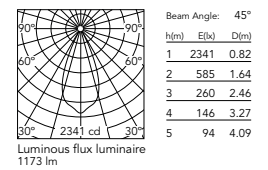
#### 4000 K - MEDIUM



#### 4000 K - FLOOD



#### 4000 K - WIDE FLOOD






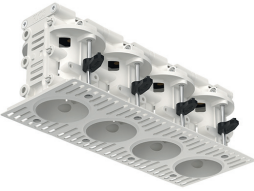
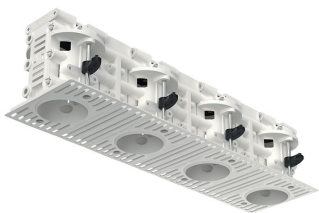
## Light Shadow Dots

Ceiling Recessed Fixed Downlight



h=3" min

### Required Mounting Accessories

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

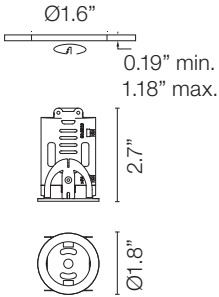
## Light Shadow Dots

Ceiling Recessed Fixed Downlight

### Light Shadow Dots Trim Accessory Drivers

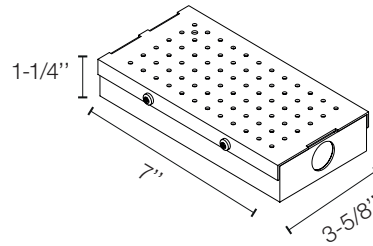
Pre-installation frame.

- 1L 08.0661.40.9S
- 08.0661.14.9S



Splice Box UL 7"x3-5/8"x1-1/4", UL. With Driver Programmed to 600mA , 12W, 0-10V Dimmable, 120/277V

Part Number: SP12W600MA-10V-T01



Minimum: 1 fixtures  
Maximum: 5 fixtures (In series)

#### Wiring Diagrams

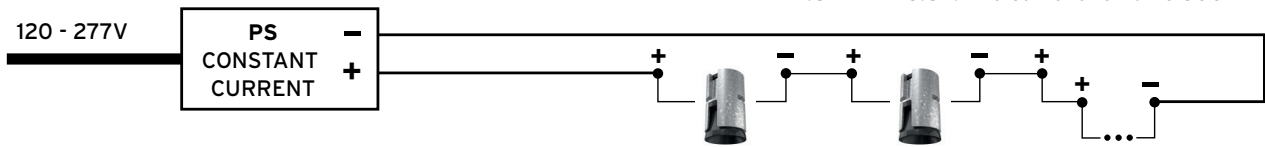
#### Light Shadow Dots

- USE SERIES CONNECTION FOR CONSTANT CURRENT LED FIXTURES

1.8W, 600mA, 3VDC per fixture

SERIES CONNECTION

Secondary voltages are additive,  
1.8V x 2 = 3.8V. The current remains 600mA



\*See Driver for maximum allowance