

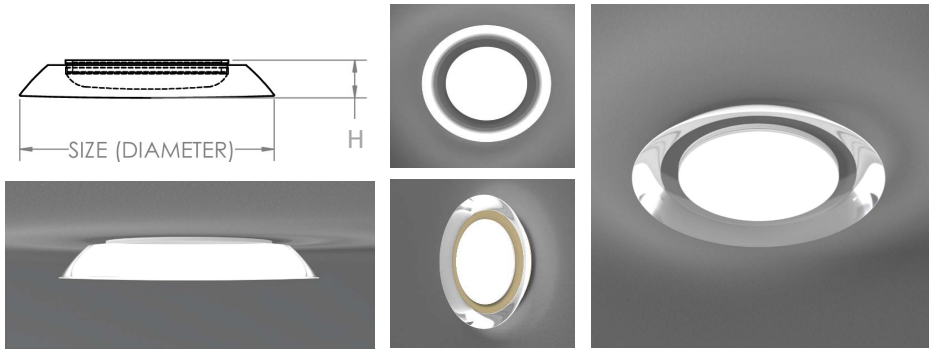
## Petal

The Petal by Fluent redefines lighting with a perfect balance of visual comfort, advanced optical control, and a timeless, refined aesthetic. Crafted from hand polished solid acrylic, it offers a sophisticated design element that seamlessly integrates into both complex and minimalist architectural spaces.

PROJECT:

FIXTURE TYPE:

QUANTITY:



### SPECIFICATION CODE

MODEL/DISTRIBUTION	SIZE (in)	LIGHT SOURCE	VOLTAGE	CCT (K)	CRI	CONTROL	MOUNTING	BACK PLATE	OPTIONS
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EXAMPLE

SLPE	6.5	HO 14W	120-277	3500	90	DIMO	SURF	BPCLR	
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<b>SLPE</b> (Petal with Luminous Distribution)	<b>6.5</b> (H = 1.4)	<b>M 7W</b> (500lm, 1250 cd/ft <sup>2</sup> ) <b>H 10W</b> (700lm, 1500 cd/ft <sup>2</sup> ) <b>HO 14W</b> (975lm, 2250 cd/ft <sup>2</sup> )	<b>120-277</b>	<b>2700</b> <b>3000</b> <b>3500</b> <b>4000</b> <b>5000</b>	<b>80 (min)</b> <b>90 (min)</b>	<b>DIMO</b> (0-10V, 0-100%) <b>PDIMO</b> (TRIAC, <S-100%, DIM-TO-OFF)	<b>SURF</b> (ceiling or wall, surface mount over junction box (SEE MOUNTING DETAILS ON PAGE 2), integral power supply sits within junction box)	<b>BP</b> _____ (back plate behind optic visible through optic, pick finish: CLR (no backplate), WHT, BLK, or RAL _____)	<b>GP</b> _____ (5" diameter goof plate for 6.5" fixture mounted over recessed 4" octagon junction box, pick finish color: WHT, BLK, or RAL _____)
	<b>11.0</b> (H = 1.7)	<b>L 14W</b> (1000lm, 750 cd/ft <sup>2</sup> ) <b>M 19W</b> (1400lm, 1250 cd/ft <sup>2</sup> ) <b>H 27W</b> (1975lm, 1500 cd/ft <sup>2</sup> )	<b>HO 14W</b> (Not available with SURF Mounting, Remote only.)	<b>SURF/REMOTE</b> (ceiling or wall, surface mount over junction box (SEE MOUNTING DETAILS ON PAGE 2), remote power supply, enclosure cover included)	<b>MOD</b> _____ (modification to standard product, feasibility to be verified by factory)				

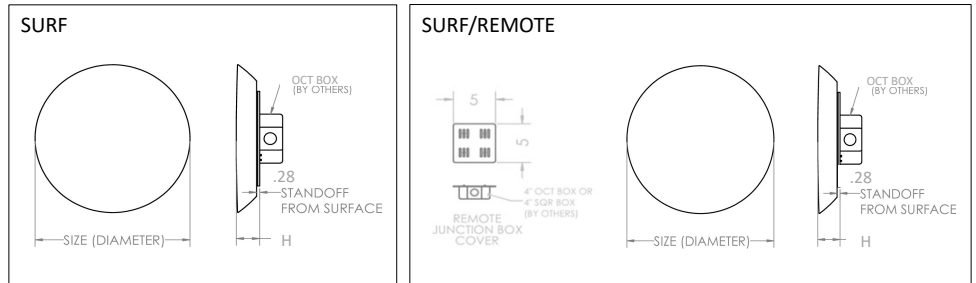
**LEGEND LIGHT SOURCE**

**H 10W** (700lm, 1500 cd/ft<sup>2</sup>)

OUTPUT LEVEL    LOAD    LIGHT OUTPUT    EMITTING SURFACE LUMINANCE VIEWED PERPENDICULAR TO SURFACE (APPROXIMATE)

(VALUES SHOWN AT 3500K, 80CRI)

**RAL**  
 (pick any color from the RAL color standard, finish will be fine textured unless otherwise specified as a MOD)



### GENERAL SPECIFICATIONS

APPROVAL	ETL listed to UL2108 damp location
MIN OPERATING TEMP	-20C (-4F)
MAX OPERATING TEMP	SURF/REMOTE Mounting: 40C (104F) , SURF Mounting: 30C (86F), For HO 14W Light Source with SURF/REMOTE Mounting: 30C (86F)
HOUSING MATERIAL	aluminum
DIFFUSER MATERIAL	UV resistant polished acrylic
MOUNTING BRACKET	galvanized steel
FINISH MATERIAL	polyester powder coat
LUMEN MAINTENANCE	L70 > 50,000 hrs. (@25°C)
WARRANTY	5 year limited warranty

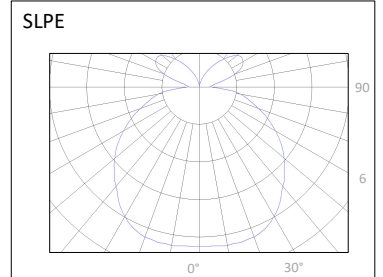
## LIGHT SOURCE / PHOTOMETRY

LEDs	Cree 2835
CCT	2700K, 3000K, 3500K, 4000K, 5000K
COLOR BINNING	within 3-step MacAdam ellipse
CRI	80+ (Ra>80, 25>R9>0), 90+ (Ra>90, 75>R9>50)
LUMEN MAINTENANCE	L70 > 50,000 hrs. (@25°C)

AVAILABLE IES FILES [www.fluent-lighting.com](http://www.fluent-lighting.com)

OUTPUT MULTIPLIER Lumen values and photometric files configured at 3500K, 80 CRI. Please use the following multipliers for different color temperatures and CRI values.

	2700K	3000K	3500K	4000K	5000K
80+	.93	.97	1.00	1.03	1.03
90+	.79	.83	.85	.87	.87



## CONTROL

### DIM0 (0-10V dimming, 0-100%)

TYPE	electronic
DIMMING PROTOCOL	0-10V
MINIMUM DIM LEVEL	0%
DIMMING CURVE	linear
POWER FACTOR	>0.9
THD	<20%
INPUT	120-277V AC, 50/60HZ

### PDIM0 (TRIAC phase dim, <5-100%, dim-to-off)

TYPE	electronic
DIMMING PROTOCOL	TRIAC (and ELV*) phase dimming
MINIMUM DIM LEVEL	<5-100%, dim-to-off
DIMMING CURVE	linear
POWER FACTOR	>0.9
THD	<20%
INPUT	120 AC, 50/60HZ

REMOTE DISTANCES Specific to each lamping/driver combination and can be 100'+, consult factory for specifics.

Worst case distance: 18ga wire - 15', 16ga wire - 25', 14ga wire - 40', 12ga wire - 60'

MAINTENANCE All drivers are field replaceable.

ALTERNATIVE CONTROLS Contact factory for additional control options.

### APPROVED DIMMERS

#### DIM0

(Approved Dimmers: Lutron NTSTV-DV, Lutron NFTV, Leviton IP710 DL, Watt Stopper ADF 120277)

#### PDIM0

(Approved Dimmers: Leviton 6674, Leviton 6684, Leviton RPI06, Leviton IPI06, Lutron NTLV-600, Lutron DV-103P, Lutron Skylark S-600P, Lutron DVCL-1539)

\*ELV trailing edge dimming is only supported on fixture models 6.5-M 7W and 6.5-H 10W. (Approved ELV dimmer: Leviton 6615)

## MOUNTING

### SURF (SURFACE) MOUNTING DETAILS

SIZE (in)	WEIGHT	DRIVER VOLUME (within j-box)
6.5	4 LBS	5.0 cu. in.
11.0	8 LBS	7.0 cu. in.

### MOUNTS TO

directly to 3.5" oct j-box, 3.5" ceiling pan/box (2.75" ears), or 4" oct j-box (SEE NOTES)

directly to 4" oct j-box, or 4" ceiling pan/box (3.5" ears)

NOTES Ceiling or wall applications. Integral power supply is attached to mounting plate and sits within j-box. Driver volume includes splice compartment for driver-to-luminaire connection.

For fixtures with remote power supplies, an additional cover plate is supplied to mount remote power supply within second, remote 4" oct j-box (by others) or 4" sqr box (by others). For alternative lampings, contact factory for enclosure sizes and options.

For 6.5" size only using 4" octagonal j-box:

Fixture should use goof plate if mounting to recessed 4" octagonal j-box. No goof plate needed if mounted to exposed work 4" octagonal j-box.

## OPTIONS

### BP (BACK PLATE) DETAILS

NOTES Visible solid .06" aluminum back plate position directly behind acrylic. Back plate adds color to fixture and can hide imperfect mounting surfaces. Back plate is standard with WHT, BLK, or RAL powder coat finish. Alternative materials and finishes, including metal finishes are available as a modification. Contact factory for options.

### GP (GOOF PLATE) DETAILS

NOTES 5" diameter goof plate to be used for 6.5" fixture mounted over recessed 4" octagonal j-box. No goof plate is needed to mount to exposed work 4" octagonal j-box. Goof plate is standard with WHT, BLK, or RAL powder coat finish.

