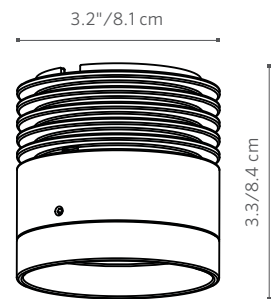




The PS truly represents the next generation of fixed-mount LED down lights. It is meant for top-mounting, and is available with an optional copper cover. It works with 1, 3, 6 or 9LED boards and comes in all of our metal and powder coat finishes. The PS also includes a free mounting bracket that allows for tool-free servicing after initial installation.

PS: Down Light

NUMBER OF LEDs:	1	3	6	9
HALOGEN LUMEN OUTPUT EQUIVALENT:	10 Watt	20 Watt	35 Watt	50 Watt
USEFUL LED LIFE (L70):	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg	50,000 hrs avg
INPUT VOLTAGE:	10 to 15V	10 to 15V	10 to 15V	10 to 15V
VA TOTAL: (Use to size the lighting controller)	2.4	4.5	13.5	13.5
WATTS USED:	2.0	4.2	10.1	11.2
LUMENS PER WATT (EFFICACY)	35.8	52.2	43.9	46.9
MAX LUMENS:	66	202	367	398
CCT (Ra)	82.6	80.4	79.7	78.5





PS: Down Light

FACTORY INSTALLED OPTIONS: Order 1 + 2 + 3

FIXTURE CODE	LAMP CODE	FINISH OPTIONS
1 PS	2 1 LED (50,000 avg. life hours)	3 XX (see options to right)
	3 LED (50,000 avg. life hours)	
	6 LED (50,000 avg. life hours)	
	9 LED (50,000 avg. life hours)	

The PS includes your choice of LED board, choice of finish, 5 ft. lead wire and mounting bracket.

EXAMPLE: PS-3LED-BZ= PS - 3 LEDs - Bronze Metallic Finish

PHOTOMETRICS:

PS 1LED ILLUMINANCE AT A DISTANCE

Center Beam FC	Beam Width
2.0 ft	68.7 fc 0.7 ft 0.7 ft
4.0 ft	17.2 fc 1.3 ft 1.3 ft
6.0 ft	7.6 fc 2.0 ft 2.0 ft
8.0 ft	4.3 fc 2.7 ft 2.7 ft
10.0 ft	2.7 fc 3.4 ft 3.3 ft

Vertical Spread: 19.1° Horizontal Spread: 18.9°

PS 3LED ILLUMINANCE AT A DISTANCE

Center Beam FC	Beam Width
2.0 ft	243.9 fc 0.6 ft 0.6 ft
4.0 ft	61.0 fc 1.3 ft 1.3 ft
6.0 ft	27.1 fc 1.9 ft 1.9 ft
8.0 ft	15.2 fc 2.5 ft 2.5 ft
10.0 ft	9.8 fc 3.1 ft 3.2 ft

Vertical Spread: 17.9° Horizontal Spread: 18°

PS 6LED ILLUMINANCE AT A DISTANCE

Center Beam FC	Beam Width
2.0 ft	505.6 fc 0.6 ft 0.6 ft
4.0 ft	126.4 fc 1.2 ft 1.2 ft
6.0 ft	56.2 fc 1.8 ft 1.8 ft
8.0 ft	31.6 fc 2.3 ft 2.4 ft
10.0 ft	20.2 fc 2.9 ft 3.0 ft

Vertical Spread: 16.7° Horizontal Spread: 17.1°

PS 9LED ILLUMINANCE AT A DISTANCE

Center Beam FC	Beam Width
2.0 ft	569.1 fc 0.6 ft 0.6 ft
4.0 ft	142.3 fc 1.2 ft 1.1 ft
6.0 ft	63.2 fc 1.7 ft 1.7 ft
8.0 ft	35.6 fc 2.3 ft 2.3 ft
10.0 ft	22.8 fc 2.9 ft 2.8 ft

Vertical Spread: 16.6° Horizontal Spread: 16.1°

Beam angle is calculated using LM-79 method for SSL Luminaires: "Beam angle is defined as two times the vertical angle at which the intensity is 50% of the maximum."

For information on ZD technology please refer to the Luxor page in the Lighting Control section.

METALS

- AB = Antique Bronze****
(On Copper)
- AB = Antique Bronze***
(On Brass)
- AT = Antique Tumbled****
(On Copper)
- AT = Antique Tumbled***
(On Brass)
- CU = Copper+**
- NP = Nickel Plate***
- BS = Natural Brass**

POWDERCOAT

- WG = White Gloss**
- FW = Flat White**
- AL = Almond**
- BZ = Bronze Metallic**
- DG = Desert Granite**
- WI = Weathered Iron**
- VF = Verde Speckle**
- SB = Sedona Brown**
- FB = Flat Black**

* May require longer lead time

+ Fixture is covered by a copper sleeve

All PS down lights come standard with amber, green, blue and frosted filters