




L600

Application	Exterior/Interior surface mount downlight. Exterior/Interior Recessed Downlight system - Commercial, Residential, Institutional, Retail, Clinic, Hospitality, Religious, Educational & Architecture
IP Rating	42
Mounting	Mounts to standard 4" octagonal box.
Electrical	13.0W driver (standard) 13.0W driver (Halogen Dim) Integral driver (standard) Input: 120V AC (Triac, 0-10V or Lutron), 277V AC (0-10V) Remote driver (standard) input: 120V AC or 277V AC (dimnable with Triac, 0-10V, DMX, DALI or non-dimnable), 120-277V AC (dimnable) *Optional remote drivers and back up power supply available. Consult factory.
Power Consumption	13.0 Watt
Light Output	13.0 Watt, 1044~1080lm <i>*For photometric data, see page 03</i>
Warranty	5 years limited warranty Estimated useful life of LED is 50,000 hours.
Material	Anodized aluminum. RoHS compliant
Weight	2lbs (0.907kg)
Approval	
Emergency Driver options(remote)	MP Lighting Emergency Backup Unit. Input: 100-277V, 50/60Hz Output: 11-36V, 16W Bodine Emergency Micro Inverter Input: 120/277V, 50/60HZ Output: 120/277V, 60Hz, 20W

Type:

Project:

Modified:

Quantity:

Notes:

DISCLAIMER - When using a control system, consult dimming system manufacturer with minimum load before installing 12V AC transformer. Malfunction and damage to product due to improper dimming system installation or misuse will not be covered under warranty. Only DC Drivers are recommended for dimming systems. Consult MP Lighting for recommended drivers.

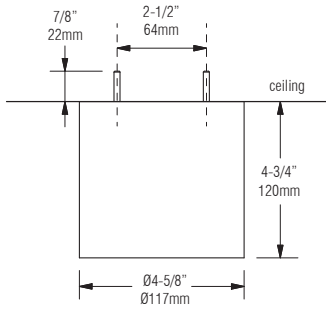
*MP Lighting reserves the right, at its sole discretion, at any time and without notice, to make design changes to any of our products.

Order Guide

Example: L600-13-W30-S-W-S-1-MA

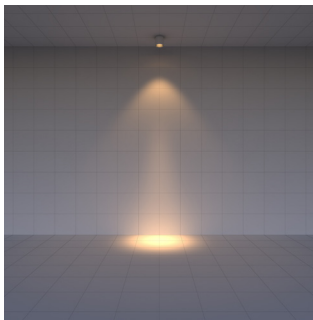
Code	Wattage	Color	CRI	Beam	Reflector Color	Input voltage	Finish
L600	13						
	13 = 13W	W27 = 2700K W30 = 3000K W35 = 3500K HD= halogen dim (2900K~1900K)	S = 80+CRI V = 97+CRI <i>*97+CRI only available for W27/W30</i>	S = spot (10°) N = narrow flood (30°) F = flood (40°) W = wide flood (60°)	S = silver specular B = black specular BZ = bronze specular G = gold specular	1 = 120V 2 = 277V <i>*1 = 120V Input integral driver. Phase dimmable. 2 = 120-277V Universal input voltage. 0-10V dimmable</i>	MA = matte silver powder coat BA = black powder coat BZ = bronze powder coat WH = white powder coat
		<i>*Halogen dim graph available on page 4</i>					

DIMENSION:

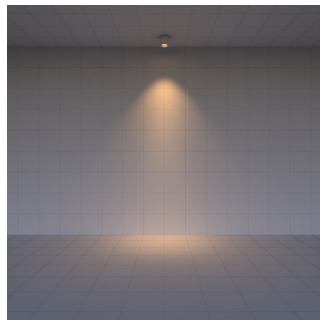


LIGHT DISTRIBUTION:

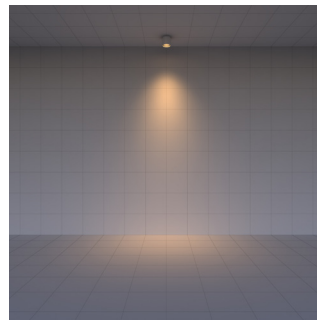
13WATT



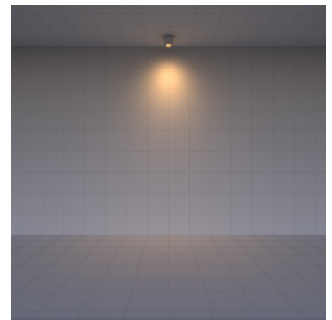
10° (Spot beam)
Matte clear anodized



30° (Narrow Flood beam)
Matte clear anodized



40° (Flood beam)
Matte clear anodized



60° (Wide Flood beam)
Matte clear anodized

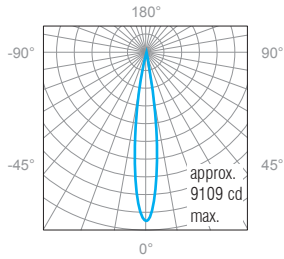
PHOTOMETRIC DATA:

13W 3000K 80+CRI

Polar Candela Distribution

Illuminance at a Distance

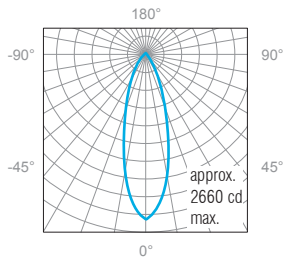
Lumen: 1050lm, Spot (10°)



	Center Beam FC	Beam Width
3.0'	1012.1	0.8'
6.0'	253.0	1.6'
9.0'	112.5	2.5'
12.0'	63.3	3.1'
15.0'	40.5	3.9'
18.0'	28.1	4.7'

0° Spread: 14.8°

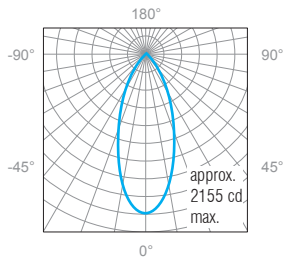
Lumen: 1044lm, Narrow flood (30°)



	Center Beam FC	Beam Width
3.0'	295.6	1.6'
6.0'	73.9	3.3'
9.0'	32.8	4.9'
12.0'	18.5	6.6'
15.0'	11.8	8.2'
18.0'	8.2	9.8'

0° Spread: 30.5°

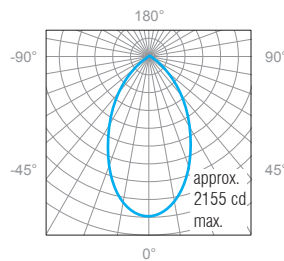
Lumen: 1080lm, Flood (40°)



	Center Beam FC	Beam Width
3.0'	239.4	2.1'
6.0'	59.8	4.2'
9.0'	26.6	6.3'
12.0'	15.0	8.4'
15.0'	9.6	10.5'
18.0'	6.6	12.6'

0° Spread: 38.6°

Lumen: 1050lm, Wide Flood (60°)



	Center Beam FC	Beam Width
3.0'	89.7	3.7'
6.0'	22.4	7.4'
9.0'	9.97	11.1'
12.0'	5.61	14.9'
15.0'	3.59	18.6'
18.0'	2.49	22.3'

0° Spread: 63.5°

LED HALOGEN DIM GRAPH:

