



L600

Application Exterior/Interior surface mount downlight.
Recommended Projects - Commercial, Institutional, Retail, Clinic, Hospitality, Religious, Educational, Architecture

IP Rating 54

Mounting Mounts to standard 4" octagonal box.

Electrical 13.0W driver (standard)
13.0W driver (Daylight Spectrum)
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
*For photometric data, see page 03

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

DISCLAIMER If the fixture has an option to be installed with a dimming 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.

Type:

Project:

Modified:

Quantity:

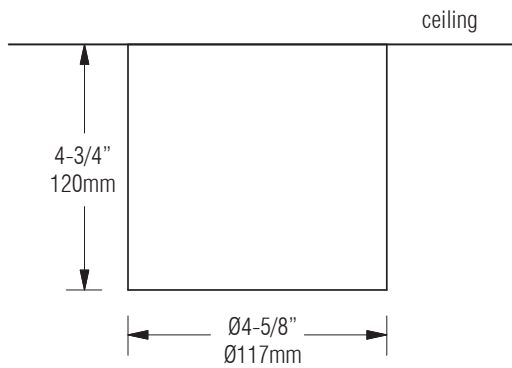
Notes:

Order Guide

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

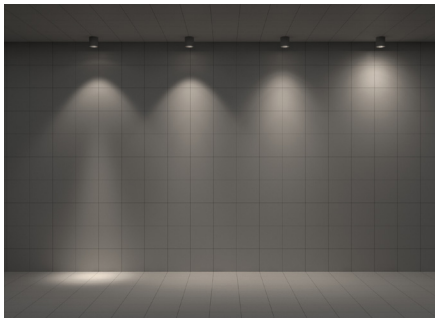
Code	Wattage	Color	CRI	Beam	Reflector Color	Input voltage	Finish
L600	13					-	
	13 = 13W	W27 = 2700K W30 = 3000K W35 = 3500K HD= halogen dim (2900K~1900K)	S = 80+CRI V = 97+CRI (*97+CRI only available for W27/W30) DAY = Daylight Spectrum, 97+CRI (available in 3000K only)	S = spot (10°) N = narrow flood (30°) F = flood (40°) W = wide flood (60°)	S = silver specular B = black specular BZ = bronze specular G = gold specular	1 = 120V 2 = 277V *1 = 120V Input integral driver. Phase dimmable. 2 = 120-277V Universal input voltage. 0-10V dimmable	MA = matte clear anodized BA = black powder coat BZ = bronze powder coat WH = white powder coat MP = matte pewter
	*Available 120V. For other voltage options available, please consult factory	*Halogen dim graph available on page 2	*Contact factory for Daylight Spectrum option				

DIMENSION:



LIGHT DISTRIBUTION & HALOGEN DIM:

13WATT



Left to right: 10° (Spot beam), 30° (Narrow Flood), 40° (Flood beam), 60° (Wide Flood beam)

Colour Temperature: 2873K
Light Output: 680lm



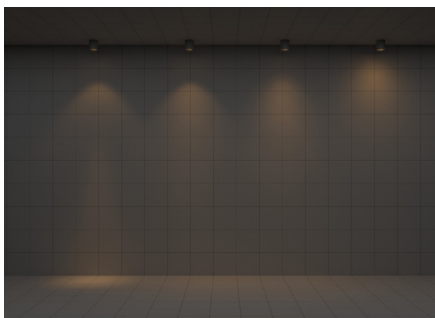
Left to right: 10° (Spot beam), 30° (Narrow Flood), 40° (Flood beam), 60° (Wide Flood beam)

Colour Temperature : 2700K
Light Output: 388lm



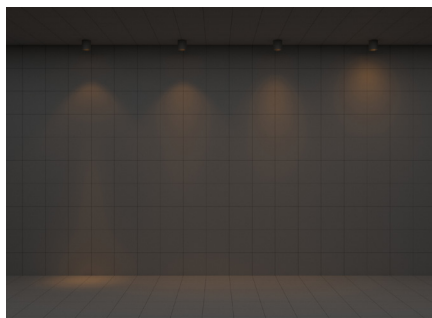
Left to right: 10° (Spot beam), 30° (Narrow Flood), 40° (Flood beam), 60° (Wide Flood beam)

Colour Temperature : 2500K
Light Output: 238lm



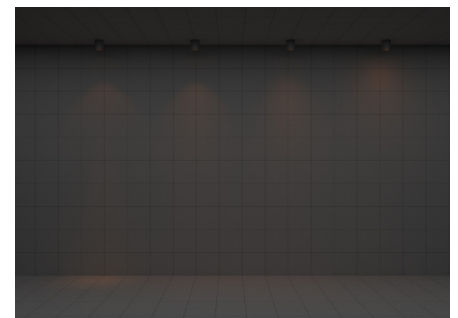
Left to right: 10° (Spot beam), 30° (Narrow Flood), 40° (Flood beam), 60° (Wide Flood beam)

Colour Temperature : 2300K
Light Output: 163lm



Left to right: 10° (Spot beam), 30° (Narrow Flood), 40° (Flood beam), 60° (Wide Flood beam)

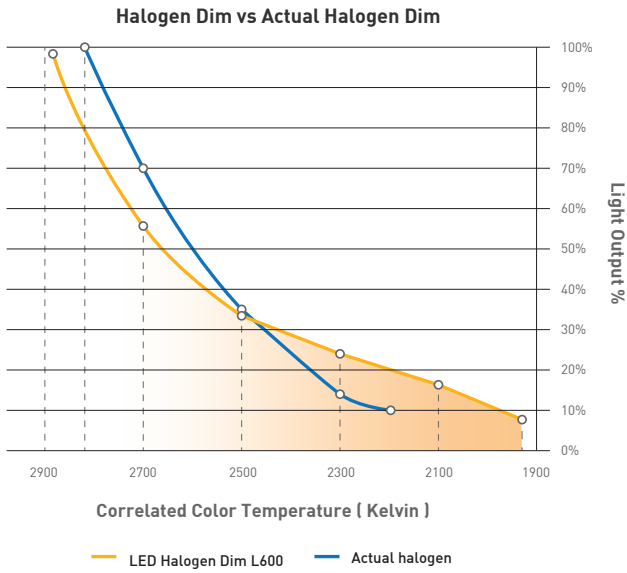
Colour Temperature: 2100K
Light Output: 122lm



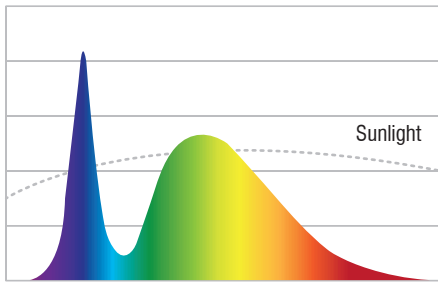
Left to right: 10° (Spot beam), 30° (Narrow Flood), 40° (Flood beam), 60° (Wide Flood beam)

Colour Temperature: 1934K
Light Output: 46lm

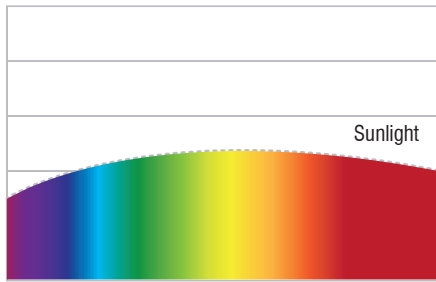
LED HALOGEN DIM GRAPH:



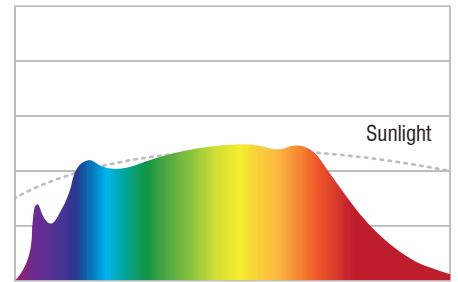
LED COLOR SPECTRUM:



Conventional LED



Sunlight



MP Dimmable Full Spectrum LED

PHOTOMETRIC DATA:

3W, 3000K, Clear lens

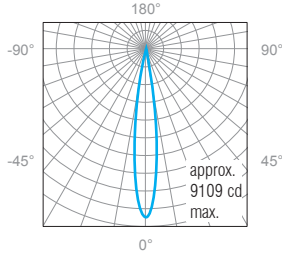
Polar Candela Distribution

Illuminance at a Distance

Polar Candela Distribution

Illuminance at a Distance

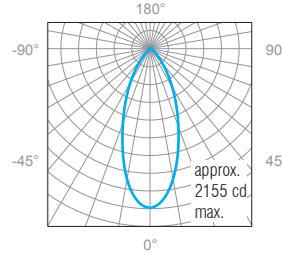
Lumen: 1050lm, Spot (10°)



	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°

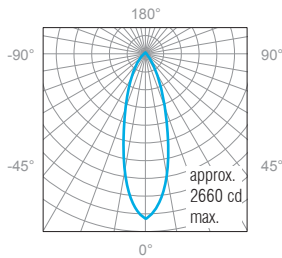
Lumen: 1080lm, Flood (40°)



	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°

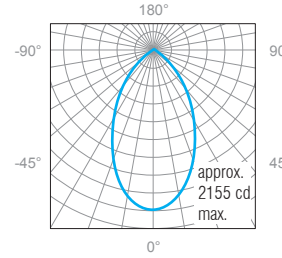
Lumen: 1044lm, Narrow flood (30°)



	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: 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°