L603

INTERIOR | EXTERIOR
Surface Mount Downlight

- Damp and Dry location



Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: L603-26-W30V-N-G-1-B-BK

Product	Version [1]	CCT & CRI [2]	Beam Angle	Reflector Colour	Input Voltage [3]	Surface-mount Box [4] (optional)	Finish [5]
L603	**26**						
	26 26W	**High (90+) CRI:** **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **Very high (97+) CRI:** **W27V** 2700K 97+ **W30V** 3000K 97+ **Consult factory:** **WD (warm dim)** 1800K~3000K 95+	**S** spot 12° **N** narrow flood 30° **F** flood 45°	**S** silver specular **B** black specular **BZ** bronze specular **G** gold specular	**1** integral driver - ELV dimming (120V) **2** remote driver - 0-10V dimming (120-277V)	**B** surface-mount box	**Aluminum Finishes:** **BK** black powder coated **BZ** bronze powder coated **WH** white powder coated **SI** silver finish

System Components (Included)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specification

1. *Available 120V. Consult factory for other voltage options.*
2. *Refer to pg.2 - for light quality and colour consistency details. W30DAY (Daylight Spectrum) is only available with 3000K.*
3. *1: Integral 120V input with ELV dimming OR 277V input with non-dimming. 2: Remote 120V-277V input with 0-10V dimming.Inclluded with fixture.*
4. *Refer to pg.3 - for dimension drawings and installation guide. Surface mount box comes bare (no finishes available) with matte gray plugs. Can be painted on-site to match desired surface.*
5. *Refer to Appendix or MP Lighting website for complete look of luminaire with different finish options.*

Warranty Notes & Disclaimer

Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. MP Lighting reserves the right, at its sole discretion, at any time and without notice, to make design changes to any of our products. Consult MP Lighting website for most updated documentation.

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Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
26W	700mA	31W	2860 lm	1619-1636 lm

Application

Environment	Dry Location approved. IP 54 (under soffit or canopy).
Mounting	Mounts to a 4" octagonal box using the provided adapter plate., or mounts with B (optional surface-mount box)

Electrical

Electrical	**Standard (included):** Integral LED drivers (120-277V AC input, **constant current output**): ELV dimming with 120V input. Non-dimmable with 277V input. Remote LED drivers (120-277V AC input, **constant current output**): 0-10V dimming.
Control	**On/off control** **Dimming:** ELV or 0-10V dimming with appropriate drivers **Other options (consult factory):** TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

Luminaire Construction

LED Light Source	**W27H =** CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W30H =** CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W35H =** CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W27V =** CCT: 2700K, CRI (Ra): 97+, Colour Consistency: 2SDCM **W30V =** CCT: 3000K, CRI (Ra): 97+, Colour Consistency: 2SDCM **WD(warm dim) =** CCT: 1800K~3000K, CRI (Ra): 95+
Weight	4lbs (1.8kg)
Material	**Fixture:** machined marine-grade aluminum
Supplied with	**Standard installation housing:** Comes with unviersal crossbar and mounting screws (2), and/or B (surface-mount box) when ordered.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

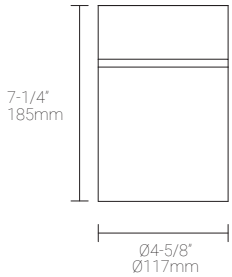
Ordered Separately

System Components	**Power supplies:** remote driver Please consult factory or visit Recommended Drivers for available driver options.

Mounting Options & Dimensions

LED Fixture Dimensions

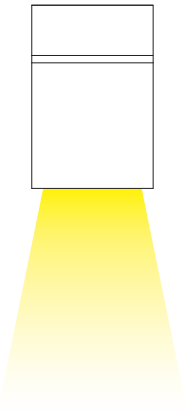
Fixture



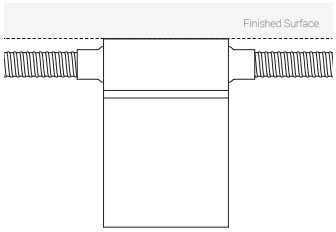
3D View



Beam

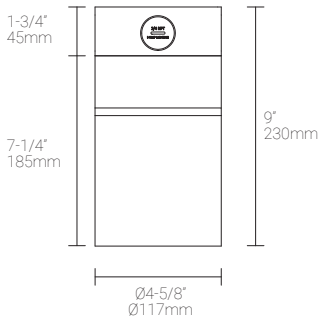


Installed



LED Fixture Dimensions | with B (optional surface-mount box)

Fixture

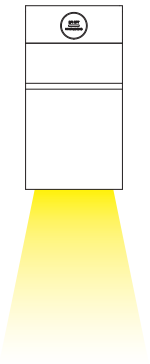


3D View

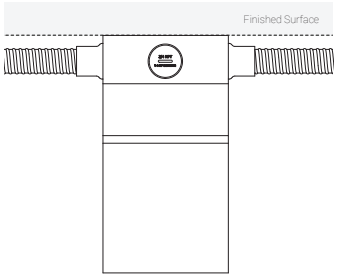




Beam

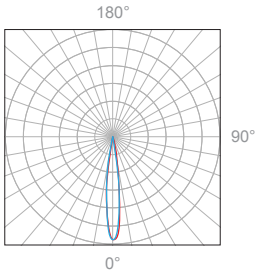


Installed



26W, 3000K, 90+ CRI, Silver Reflector

Polar Candela Distribution



Beam Width: 12°

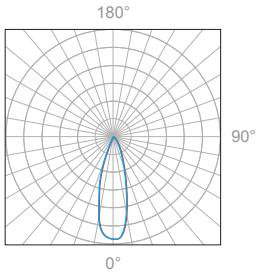


Illuminance at a Distance

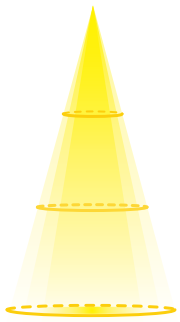
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	1597fc	0.8ft	0.24m	0.8ft	0.24m
6.0ft	1.83m	399fc	1.5ft	0.46m	1.5ft	0.46m
9.0ft	2.74m	177fc	2.3ft	0.70m	2.3ft	0.70m
12.0ft	3.66m	99.8fc	3.1ft	0.94m	3.1ft	0.94m
15.0ft	4.57m	63.9fc	3.9ft	1.19m	3.9ft	1.19m
18.0ft	5.49m	44.3fc	4.6ft	1.40m	4.6ft	1.40m

Delivered Lumen: 1636.2 lm
Vertical Beam Spread: 14.7°
Horizontal Beam Spread: 14.7°

Polar Candela Distribution



Beam Width: 30°

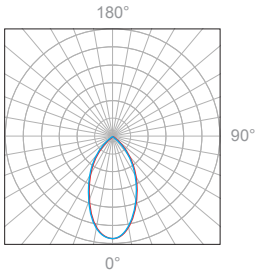


Illuminance at a Distance

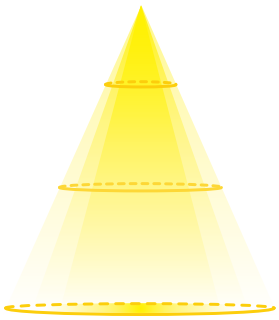
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	567fc	1.4ft	0.43m	1.4ft	0.43m
6.0ft	1.83m	142fc	2.8ft	0.85m	2.8ft	0.85m
9.0ft	2.74m	63fc	4.2ft	1.28m	4.2ft	1.28m
12.0ft	3.66m	35.4fc	5.6ft	1.71m	5.6ft	1.71m
15.0ft	4.57m	22.7fc	7.0ft	2.13m	7.0ft	2.13m
18.0ft	5.49m	15.7fc	8.4ft	2.56m	8.4ft	2.56m

Delivered Lumen: 1628.4 lm
Vertical Beam Spread: 26.3°
Horizontal Beam Spread: 26.3°

Polar Candela Distribution



Beam Width: 45°

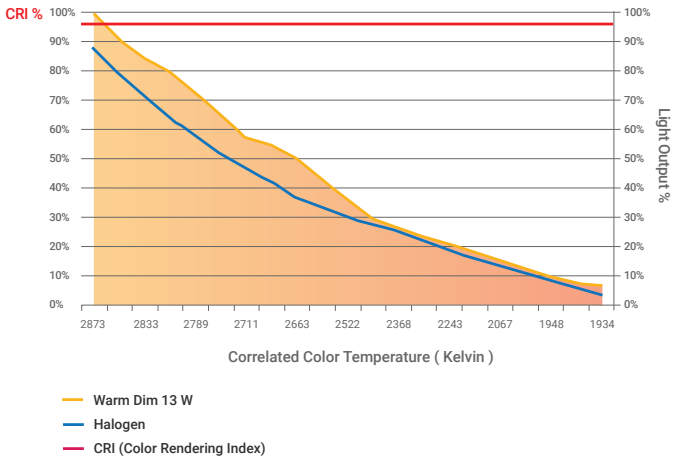


Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	275fc	2.2ft	0.67m	2.2ft	0.67m
6.0ft	1.83m	68.8fc	4.4ft	1.34m	4.4ft	1.34m
9.0ft	2.74m	30.6fc	6.6ft	2.01m	6.6ft	2.01m
12.0ft	3.66m	17.2fc	8.8ft	2.68m	8.8ft	2.68m
15.0ft	4.57m	11fc	10.9ft	3.32m	10.9ft	3.32m
18.0ft	5.49m	7.64fc	13.1ft	3.99m	13.1ft	3.99m

Delivered Lumen: 1619.1 lm
Vertical Beam Spread : 40.1°
Horizontal Beam Spread : 40.1°

Warm Dimming VS. Halogen



Appendix

Aluminum Finishes



BK black powder coated



BZ bronze powder coated



WH white powder coated



SI silver finish