

L340

EXTERIOR | INTERIOR

In-grade | For decks, ceilings, walls, and stairs

• Wet, Damp, and Dry location



Ordering Information

Clear Form

Date : _____ Quantity : _____

Project : _____ Note : _____

Type : _____

Specifications

Luminaire | Example Code: L340-2-W30H-N-C-[]-0-S6

Product	Version	CCT & CRI	Beam Angle ¹	Glass Cover	Accessories ³ (optional)	Internal Angle Bracket ⁴	Trim Finish
L340							S6
	1 1W 2 2W	W22S 2200K 80+ W27H 2700K 90+ W30H 3000K 90+ W35H 3500K 90+ W41H 4100K 90+	S Spot 12° N Narrow flood 30° W Wide flood 120°	C clear F frosted A anti-slip ²	LM louver, matte anodized LB louver, black anodized HM hex louver, matte anodized HB hex louver, black anodized AB angled louver, black anodized SB straight louver, black anodized QB square louver, black anodized RB ring louver, black anodized PL pinhole louver	0 no angle 20 20° angle X custom	Stainless Steel Finish: S6 stainless steel 316

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specification

- Refer to pg.02 - Electrical for Light Quality & Colour Consistency details.
- See Light Distribution section for illustration of different combinations of beam angles and angle bracket.
- Anti-slip is only available with Clear lens. Refer to Appendix or MP Lighting website for images and details.
- Louvers will be below the glass cover. Only available when there is no Internal Angle Bracket.
- Internal angle bracket is factory set, and cannot be field adjusted. 5° increments to maximum of 20° without accessories.

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)
1W	350mA	1.3W	110 lm	47~62 lm
2W	700mA	2.6W	220 lm	75~78 lm

Application

Environment	Wet / Damp / Dry Location approved. IP 68.
Drive Over Rating	9,700 lbs (4,400 kg)
Mounting	Recessed: Designed to be inserted into the surface and secured with two screws (included).

Electrical

Power Supplies	Remote LED drivers (120-277V AC input, constant current output): Fixtures to be wired in series.
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	W22S = CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM 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: 3SDCM (Contact factory for 2SCDM option) W41H = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Standard Compliance	✓ADA-compliant ✓WELL standard – Feature 58: Color Quality
Weight	N/A
Material	Fixture: machined stainless steel (316)
Supplied with	Standard installation housing: Comes with two pointed end self-tapping #8-32 screws. Cable: 6" (152mm) factory-installed wire lead
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

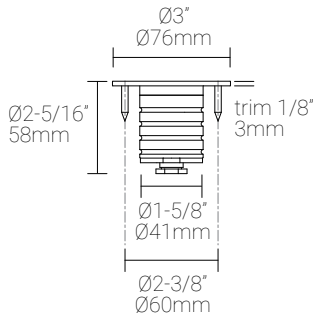
Ordered Separately

System Components	Power supplies: remote driver Please consult factory or visit Recommended Drivers for available driver options.
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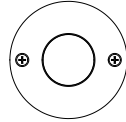
Mounting Options & Dimensions

LED Insert Dimensions

Fixture



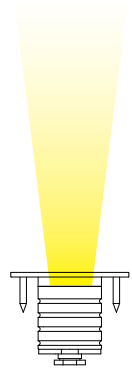
Top View



3D View

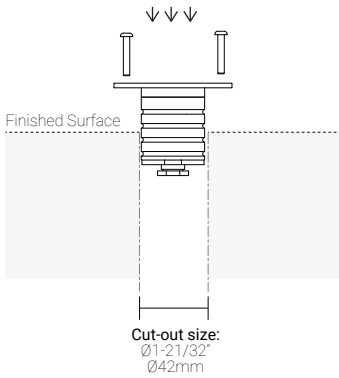


Beam

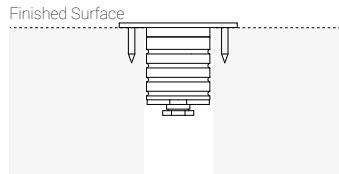


Installation with screws

Fixture with self-tapping screws:
During Installation



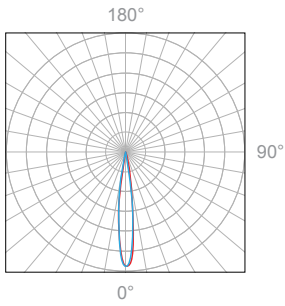
Fixture with self-tapping screws:
Complete Installation



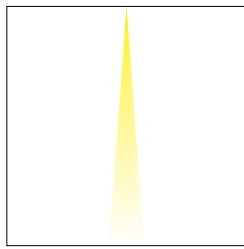
Two pointed end self-tapping
#8-32 screws provided.

1W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

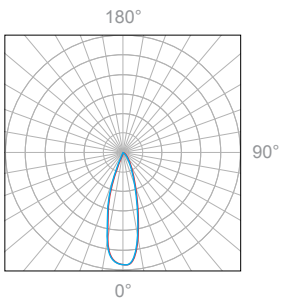


Illuminance at a Distance

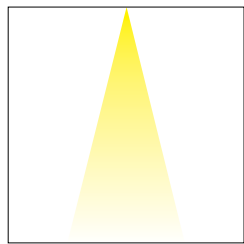
Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	295fc	0.5ft	0.15m	0.5ft	0.15m
3.0ft	0.91m	73fc	1.0ft	0.30m	1.0ft	0.30m
4.5ft	1.37m	33fc	1.6ft	0.49m	1.6ft	0.49m
6.0ft	1.83m	19fc	2.1ft	0.64m	2.1ft	0.64m
7.5ft	2.29m	12fc	2.6ft	0.79m	2.6ft	0.79m
9.0ft	2.74m	9.4fc	3.1ft	0.95m	3.1ft	0.95m

Delivered Lumen: 49lm
 ■ Vertical Beam Spread: 14.0°
 ■ Horizontal Beam Spread: 14.3°

Polar Candela Distribution



Beam Width: 30°

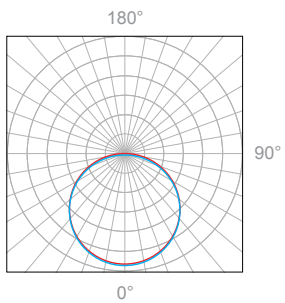


Illuminance at a Distance

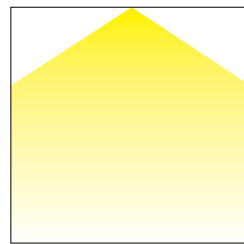
Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	175fc	0.8ft	0.24m	0.8ft	0.24m
3.0ft	0.91m	43fc	1.7ft	0.52m	1.6ft	0.49m
4.5ft	1.37m	20fc	2.5ft	0.76m	2.5ft	0.76m
6.0ft	1.83m	12fc	3.3ft	1.01m	3.3ft	1.01m
7.5ft	2.29m	8.5fc	4.2ft	1.28m	4.1ft	1.25m
9.0ft	2.74m	6.4fc	5.0ft	1.52m	4.9ft	1.52m

Delivered Lumen: 62lm
 ■ Vertical Beam Spread: 32.5°
 ■ Horizontal Beam Spread: 32.1°

Polar Candela Distribution



Beam Width: 120°



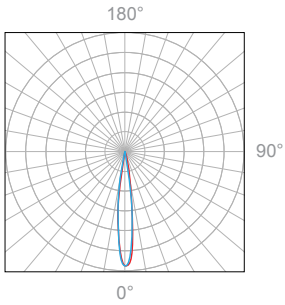
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	15fc	4.8ft	1.46m	4.9ft	1.49m
3.0ft	0.91m	4.4fc	9.6ft	2.93m	9.8ft	2.99m
4.5ft	1.37m	2.1fc	14.4ft	4.39m	14.7ft	4.48m
6.0ft	1.83m	1.2fc	19.3ft	5.88m	19.6ft	5.97m
7.5ft	2.29m	0.8fc	24.1ft	7.35m	24.5ft	7.47m
9.0ft	2.74m	0.6fc	28.9ft	8.81m	29.4ft	8.96m

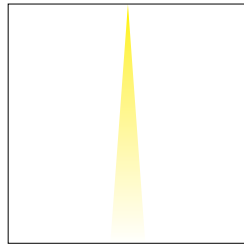
Delivered Lumen: 47lm
 ■ Vertical Beam Spread : 116.1°
 ■ Horizontal Beam Spread : 117.1°

2W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

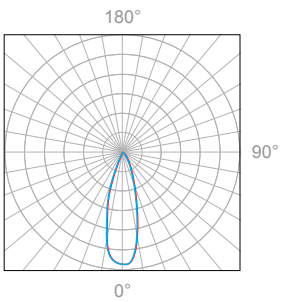


Illuminance at a Distance

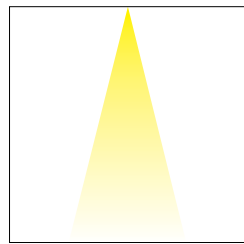
Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	525fc	0.5ft	0.15m	0.5ft	0.15m
3.0ft	0.91m	140fc	1.0ft	0.30m	1.0ft	0.30m
4.5ft	1.37m	62fc	1.6ft	0.49m	1.6ft	0.49m
6.0ft	1.83m	35fc	2.1ft	0.64m	2.1ft	0.64m
7.5ft	2.29m	23fc	2.6ft	0.79m	2.6ft	0.79m
9.0ft	2.74m	16fc	3.1ft	0.95m	3.1ft	0.95m

Delivered Lumen: 78lm
 ■ Vertical Beam Spread: 19.2°
 ■ Horizontal Beam Spread: 19.2°

Polar Candela Distribution



Beam Width: 30°

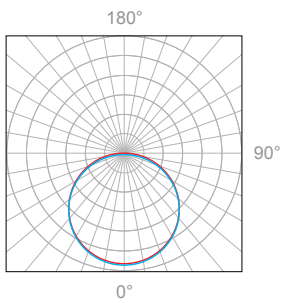


Illuminance at a Distance

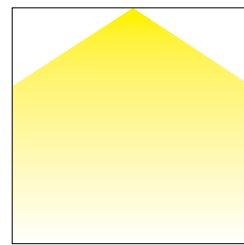
Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	335fc	0.8ft	0.24m	0.8ft	0.52m
3.0ft	0.91m	82fc	1.5ft	0.46m	1.5ft	0.46m
4.5ft	1.37m	38fc	2.3ft	0.70m	2.3ft	0.70m
6.0ft	1.83m	23fc	3.1ft	0.94m	3.0ft	0.91m
7.5ft	2.29m	15fc	3.8ft	1.16m	3.8ft	1.16m
9.0ft	2.74m	11fc	4.6ft	1.40m	10.4ft	1.40m

Delivered Lumen: 79lm
 ■ Vertical Beam Spread: 28.5°
 ■ Horizontal Beam Spread: 28.5°

Polar Candela Distribution



Beam Width: 120°



Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	28fc	4.8ft	1.46m	4.9ft	1.49m
3.0ft	0.91m	8fc	9.6ft	2.93m	9.7ft	2.96m
4.5ft	1.37m	4fc	14.4ft	4.39m	14.6ft	4.45m
6.0ft	1.83m	2.5fc	19.2ft	5.85m	19.4ft	5.91m
7.5ft	2.29m	1.8fc	24.0ft	7.32m	24.3ft	7.41m
9.0ft	2.74m	1.4fc	28.9ft	8.81m	29.1ft	8.87m

Delivered Lumen: 75lm
 ■ Vertical Beam Spread : 116.1°
 ■ Horizontal Beam Spread : 116.6°