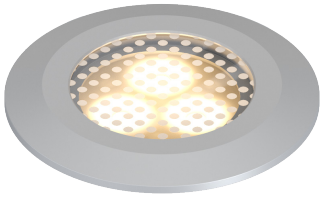
L315

INTERIOR

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

- Dry location



Ordering Information

Clear Form

Date : _____

Project : _____

Type : _____

Quantity : _____

Note : _____

Specifications

Luminaire | Example Code: L315-7-W30H-N-C-0-[ ]-S6

Product	Version	CCT & CRI [1]	Beam Angle [2]	Lens	Accessories [3] (optional)	Internal Angle Bracket [4]	Trim Finish [5]
L315							
	3 1Wx3 **7** 2.5Wx3	**W22S** 2200K 80+ **W27H** 2700K 90+ **W30H** 3000K 90+ **W35H** 3500K 90+ **W41H** 4100K 90+	**S** spot 12° **N** narrow flood 20° **F** flood 40°	**C** clear **F** frosted **CA** clear anti-slip **FA** frosted anti-slip	**HM2** hex louver, matte anodized **HB2** hex louver, black anodized **AB2** angled louver, black anodized **SB2** straight louver, black anodized **QB2** square louver, black anodized **RB2** ring louver, black anodized **NB2** narrow louver, black	**0** no angle **15** 15° angle **X** custom	**Aluminum Finishes:** **MA** matte clear anodized **BA** black anodized **BZ** bronze powder coated **Stainless Steel Finishes:** **S6** stainless steel 316 **BT0** black stainless steel **Other Materials:** **ABZ** antique bronze

System Components (Ordered Separately)

Remote Driver : _____

* Consult MP Lighting Website or Factory.

Important Notes

Specification

1. *Refer to pg.2 - for Light Quality and Colour Consistency.*
2. *See Light Distribution section for illustration of different combinations of beam angles and angle bracket.*
3. *Louvers will be below the lens. AB2/SB2/QB2/RB2/NB2 only available when there is no Internal Angle Bracket.*
4. *Internal angle bracket is factory set and cannot be field adjusted. 5° increments to maximum of 15° without accessories. Maximum 15° angle with accessories.*
5. *Different finish options are only applicable to trim ring and not for LED module housing. Refer to Appendix or MP Lighting website for complete look of luminaire with different trim finish options.*

Warranty Notes & Disclaimer

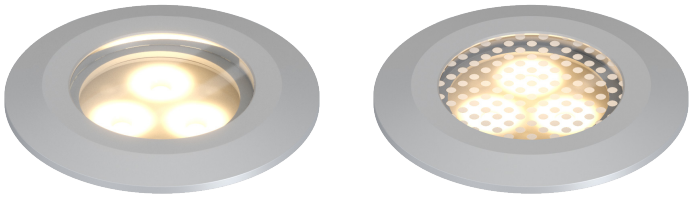
Malfunction and damage to product due to incompatible dimming system or misuse will not be covered under warranty. Consult MP Lighting for recommended drivers. If the fixture has an option to be installed with a dimming control system, consult a dimming system manufacturer with minimum load before installing. 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.

L315

INTERIOR

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

- Dry location



Performance

Wattage	Forward Current	Power Consumption Budget per fixture (including driver)	LED output (Source)	Fixture Output (Delivered)
3W	350mA	3.0W	330 lm	262.5-286.5 lm
7.5W	700mA	7.5W	825 lm	468.8-493.4 lm

Application

Environment	Dry Location approved. IP 40.
Mounting	Comes with a steel flange that mounts to pre-installed standard 4" (102mm) octagonal box, 1-1/2"(38mm) deep minimum, and 1/4"(6mm) setback from face of finished surface material. Can be wall or ceiling mounted.

Electrical

Power Supplies	Remote LED drivers (120-277V AC input, **constant current output**): Fixtures to be wired in series. Remote LED drivers (120-277V AC input, **constant voltage output**): Fixtures to be wired in parallel.
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: 2SDCM **W41H =** CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Weight	2.56 lbs (1.16 kg). Typical Aluminum Insert & Back Box only.
Material	**Fixture:** machined marine-grade aluminum, machined stainless steel (316) or antique bronze with tempered glass
Supplied with	**Standard installation housing:** Comes with a steel mounting flange.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

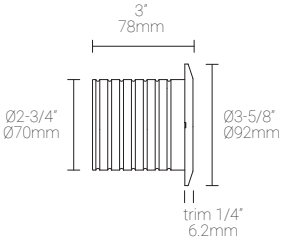
Ordered Separately

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

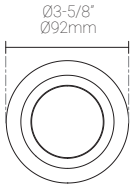
Mounting Options & Dimensions

LED Insert Dimensions

Fixture

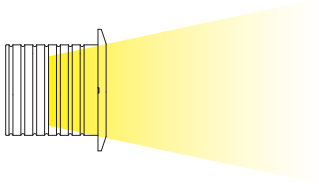


Top View



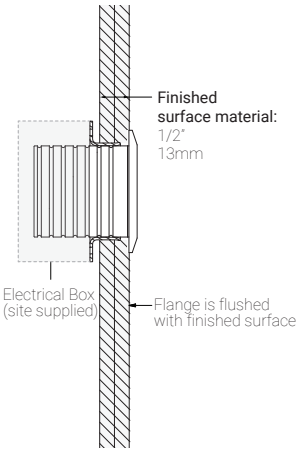
3D View

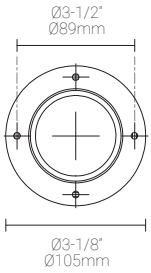
Beam



Ceiling, Wall, and Stair Riser Installation (shown with a mounting flange)

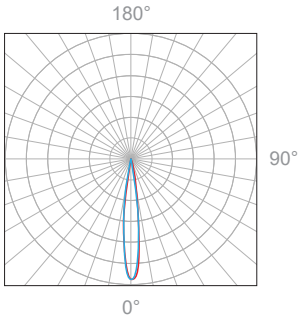
Wall installation shown with a mounting flange





3W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

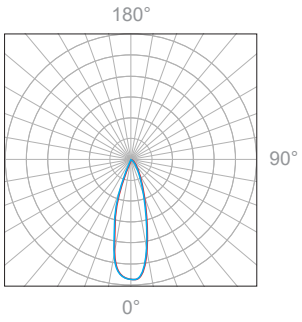
Illuminance at a Distance

Distance		Center Beam	Beam Width			
3.0ft	0.91m	343fc	0.7ft	0.21m	0.7ft	0.21m
6.0ft	1.83m	85.7fc	1.4ft	0.42m	1.4ft	0.42m
9.0ft	2.74m	38.1fc	2.2ft	0.67m	2.1ft	0.64m
12ft	3.66m	21.4fc	2.9ft	0.88m	2.9ft	0.88m
15ft	4.57m	13.7fc	3.6ft	1.09m	3.6ft	1.09m
18ft	5.49m	9.52fc	4.3ft	1.31m	4.3ft	1.31m

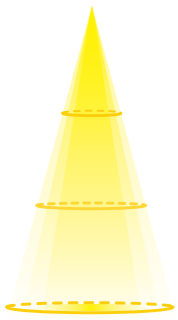
Delivered Lumen: 286.5 lm
Vertical Beam Spread : 13.7°
Horizontal Beam Spread : 13.6°

Tested on 20/09/2024

Polar Candela Distribution



Beam Width: 20°



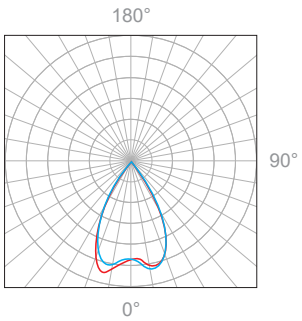
Illuminance at a Distance

Distance		Center Beam	Beam Width			
3.0ft	0.91m	221fc	1.0ft	0.30m	1.1ft	0.33m
6.0ft	1.83m	53.1fc	2.0ft	0.61m	2.1ft	0.64m
9.0ft	2.74m	23.6fc	3.0ft	0.91m	3.2ft	0.97m
12ft	3.66m	13.3fc	4.0ft	1.22m	4.2ft	1.28m
15ft	4.57m	8.50fc	5.0ft	1.52m	5.3ft	1.61m
18ft	5.49m	5.90fc	6.0ft	1.82m	6.3ft	1.92m

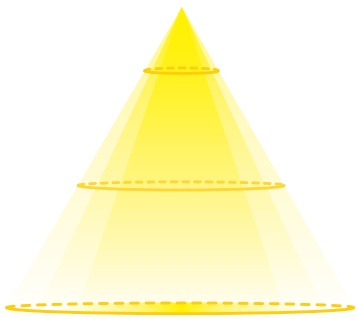
Delivered Lumen: 272.2 lm
Vertical Beam Spread : 18.9°
Horizontal Beam Spread : 19.9°

Tested on 20/09/2024

Polar Candela Distribution



Beam Width: 40°



Illuminance at a Distance

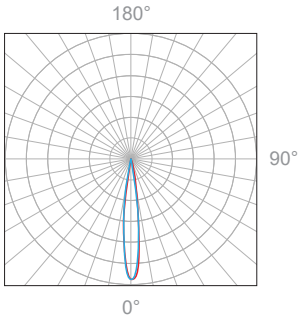
Distance		Center Beam	Beam Width			
3.0ft	0.91m	43.1fc	2.3ft	0.70m	2.1ft	0.64m
6.0ft	1.83m	10.8fc	4.7ft	1.43m	4.2ft	1.28m
9.0ft	2.74m	4.78fc	7.0ft	2.13m	6.4ft	1.95m
12ft	3.66m	2.69fc	9.4ft	2.86m	8.5ft	2.59m
15ft	4.57m	1.72fc	11.7ft	3.56m	10.6ft	3.23m
18ft	5.49m	1.20fc	14.0ft	4.26m	12.7ft	3.87m

Delivered Lumen: 262.5 lm
Vertical Beam Spread : 42.6°
Horizontal Beam Spread : 38.9°

Tested on 20/09/2024

7.5W, 3000K, 90+ CRI

Polar Candela Distribution



Beam Width: 12°

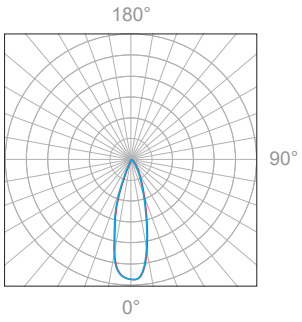
Illuminance at a Distance

Distance		Center Beam	Beam Width			
3.0ft	0.91m	595fc	0.7ft	0.21m	0.7ft	0.21m
6.0ft	1.83m	149fc	1.4ft	0.42m	1.4ft	0.42m
9.0ft	2.74m	66.1fc	2.1ft	0.64m	2.1ft	0.64m
12ft	3.66m	37.2fc	2.8ft	0.85m	2.8ft	0.85m
15ft	4.57m	23.8fc	3.6ft	1.09m	3.5ft	1.06m
18ft	5.49m	16.5fc	4.3ft	1.31m	4.2ft	1.28m

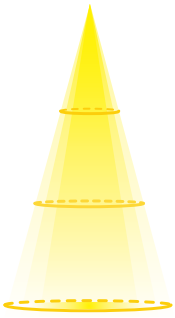
Delivered Lumen: 493.4 lm
Vertical Beam Spread : 13.5°
Horizontal Beam Spread : 13.4°

Tested on 20/09/2024

Polar Candela Distribution



Beam Width: 20°



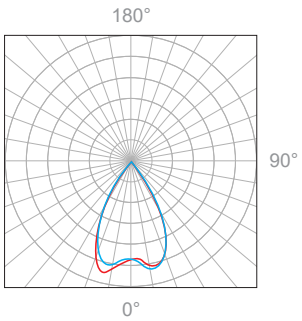
Illuminance at a Distance

Distance		Center Beam	Beam Width			
3.0ft	0.91m	381fc	1.0ft	0.30m	1.0ft	0.30m
6.0ft	1.83m	95.1fc	2.0ft	0.61m	2.1ft	0.64m
9.0ft	2.74m	42.3fc	3.0ft	0.91m	3.1ft	0.94m
12ft	3.66m	23.8fc	4.0ft	1.22m	4.2ft	1.28m
15ft	4.57m	15.2fc	5.0ft	1.52m	5.2ft	1.58m
18ft	5.49m	10.6fc	6.0ft	1.82m	6.3ft	1.92m

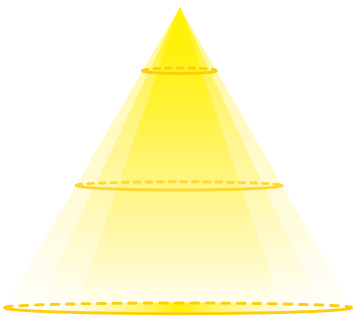
Delivered Lumen: 488.1 lm
Vertical Beam Spread : 19.0°
Horizontal Beam Spread : 19.8°

Tested on 20/09/2024

Polar Candela Distribution



Beam Width: 40°



Illuminance at a Distance

Distance		Center Beam	Beam Width			
3.0ft	0.91m	76.5fc	2.3ft	0.70m	2.1ft	0.64m
6.0ft	1.83m	19.1fc	4.6ft	1.40m	4.2ft	1.28m
9.0ft	2.74m	8.50fc	6.9ft	2.10m	6.4ft	1.95m
12ft	3.66m	4.78fc	9.2ft	2.80m	8.5ft	2.59m
15ft	4.57m	3.06fc	11.5ft	3.50m	10.6ft	3.23m
18ft	5.49m	2.12fc	13.9ft	4.23m	12.7ft	3.87m

Delivered Lumen: 468.8 lm
Vertical Beam Spread : 42.1°
Horizontal Beam Spread : 38.9°

Tested on 20/09/2024

Appendix

Aluminum Finishes

MA matte clear anodized with anti-slip lens

BA black anodized

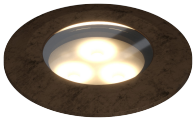
BZ bronze powder coated

Stainless Steel Finishes

S6 stainless steel 316

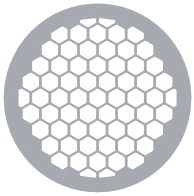
BT0 black stainless steel

Other Materials

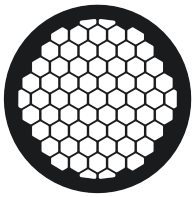


ABZ antique bronze

Accessories

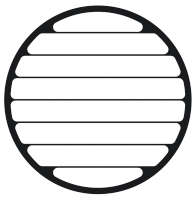


HM2 hex louver, matte clear anodized

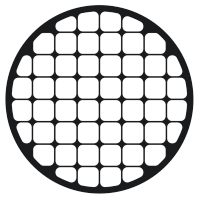


HB2 hex louver, black anodized

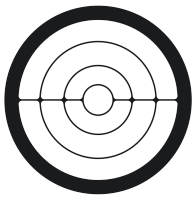
AB2 angled louver, black anodized



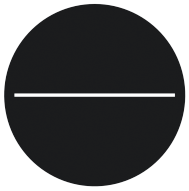
SB2 straight louver, black anodized



QB2 square louver, black anodized



RB2 ring louver, black anodized



NB2 narrow beam louver, black

Lens Options

C clear

F frosted

CA clear anti-slip

FA frosted anti-slip