

# L662

## INTERIOR

Pendant | For ceilings

● Dry location



Clear Globe



Frosted Globe

### Ordering Information

Clear Form

Date : \_\_\_\_\_

Quantity : \_\_\_\_\_

Project : \_\_\_\_\_

Note : \_\_\_\_\_

Type : \_\_\_\_\_

### Specifications

Luminaire | Example Code: L662-C20-2-W30H-C-C72-MA

Product	Canopy <sup>1</sup>	Version	CCT & CRI <sup>2</sup>	Acrylic Globe	Cord Length <sup>3</sup>	Finish (Mounting Hardware)
<b>L662</b>						
	C1	1 1W	W22S 2200K 80+	C clear	<b>Cord:</b>	<b>MA</b> matte clear anodized
	C3	2 2W	W27H 2700K 90+	F frosted	C72 72" (1830mm)	<b>BA</b> black anodized
	C4		W30H 3000K 90+		CX custom length	<b>WH</b> white powder coated
	C20		W35H 3500K 90+			
	C22		W41H 4100K 90+			

### System Components (Ordered Separately)

Remote Driver : \_\_\_\_\_

\* Consult MP Lighting Website or Factory.

### Important Notes

#### Specification

1. Refer to pg.3-5 - for different canopy options and its dimensions.
2. Refer to pg.02 - Electrical for Colour Consistency details.
3. 72" (1830mm) cord is included. Consult factory for custom cord length.

#### 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	55.3 lm
2W	700mA	2.6W	220 lm	109.4 lm

### Application

Environment	Dry Location approved. IP 20.
Mounting	<b>C1/C3/C4:</b> Mounts to a 4" octagonal box using the mounting canopy. <b>C20:</b> Mounts with friction fit spring clips. <b>Cut-out size:</b> Ø1-1/2" (38mm) <b>C22:</b> Threaded canopy screws to to a 4" octagonal box

### Electrical

Power Supplies	Remote LED drivers (120-277V AC input, <b>constant current output</b> ): Fixtures to be wired in series.
Control	<b>On/off control</b> <b>Dimming:</b> ELV or 0-10V dimming with appropriate drivers <b>Other options (consult factory):</b> TRIAC/MLV, DMX, DALI, Casambi, Power over Ethernet

### Luminaire Construction

LED Light Source	<b>W22S</b> = CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM <b>W27H</b> = CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W30H</b> = CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W35H</b> = CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM <b>W41H</b> = CCT: 4100K, CRI (Ra): 90+, Colour Consistency: 3SDCM
Weight	N/A
Material	<b>Fixture:</b> acrylic globe <b>Fixture holder (pendant hardware):</b> machined marine-grade aluminum
Supplied with	<b>Standard installation housing:</b> Comes with a canopy package <b>Cord:</b> 72" (1830mm) cord is included. Consult factory for custom cord length.
Warranty & LED Life	5 years limited warranty Estimated useful life of LED is 50,000 hours.

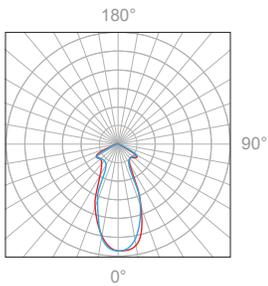
### Ordered Separately

System Components	<b>Power supplies:</b> remote driver Please consult factory or visit <a href="#">Recommended Drivers</a> for available driver options.
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1W, 3000K, 90+ CRI

Clear Globe

Polar Candela Distribution



Beam Width: 38°



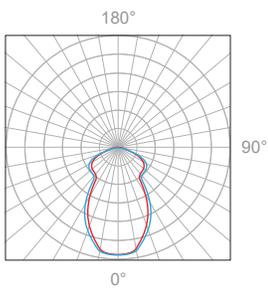
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	8.04fc	2.3ft	0.70m	2.0ft	0.61m
6.0ft	1.83m	2.01fc	4.5ft	1.37m	4.0ft	1.22m
9.0ft	2.74m	0.89fc	6.8ft	2.07m	6.1ft	1.86m
12.0ft	3.66m	0.50fc	9.1ft	2.77m	8.1ft	2.46m
15.0ft	4.57m	0.32fc	11.3ft	3.44m	10.1ft	3.07m
18.0ft	5.49m	0.22fc	13.6ft	4.14m	12.1ft	3.68m

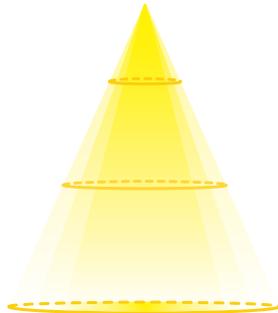
Delivered Lumen: 90 lm  
 ■ Vertical Beam Spread: 41.3°  
 ■ Horizontal Beam Spread: 37.3°

Frosted Globe

Polar Candela Distribution



Beam Width: 70°



Illuminance at a Distance

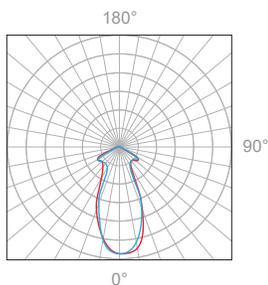
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	3.04fc	4.2ft	1.28m	3.8ft	1.15m
6.0ft	1.83m	0.76fc	8.3ft	2.53m	7.5ft	2.18m
9.0ft	2.74m	0.34fc	12.5ft	3.81m	11.3ft	3.44m
12.0ft	3.66m	0.19fc	16.7ft	5.09m	15.1ft	4.60m
15.0ft	4.57m	0.12fc	20.8ft	6.34m	18.9ft	5.76m
18.0ft	5.49m	0.08fc	25.0ft	7.62m	22.6ft	1.28m

Delivered Lumen: 66.8 lm  
 ■ Vertical Beam Spread: 69.5°  
 ■ Horizontal Beam Spread: 64.3°

2W, 3000K, 90+ CRI

Clear Globe

Polar Candela Distribution



Beam Width: 38°



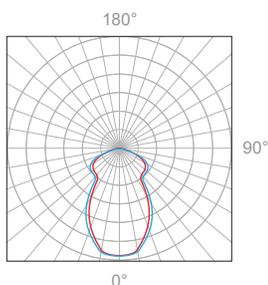
Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	14.5fc	2.2ft	0.67m	1.9ft	0.58m
6.0ft	1.83m	3.62fc	4.4ft	1.34m	3.9ft	1.18m
9.0ft	2.74m	1.61fc	6.6ft	2.01m	5.8ft	1.76m
12.0ft	3.66m	0.90fc	8.8ft	2.68m	7.8ft	2.37m
15.0ft	4.57m	0.58fc	11.0ft	3.35m	9.7ft	2.95m
18.0ft	5.49m	0.40fc	13.2ft	4.02m	11.7ft	3.56m

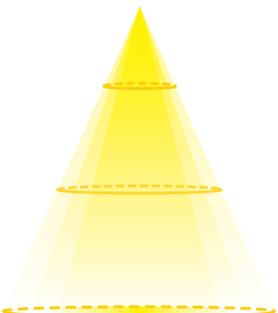
Delivered Lumen: 159 lm  
 ■ Vertical Beam Spread: 40.4°  
 ■ Horizontal Beam Spread: 35.9°

Frosted Globe

Polar Candela Distribution



Beam Width: 70°



Illuminance at a Distance

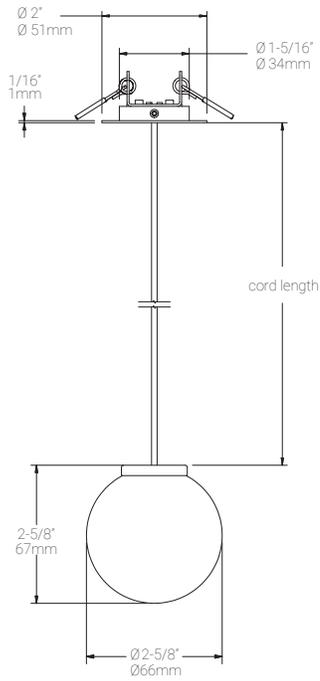
Distance		Center Beam fc	Beam Width			
3.0ft	0.91m	5.36fc	4.3ft	1.31m	4.1ft	1.24m
6.0ft	1.83m	1.34fc	8.6ft	2.62m	8.3ft	2.53m
9.0ft	2.74m	0.60fc	12.9ft	3.93m	12.4ft	3.78m
12.0ft	3.66m	0.33fc	17.2ft	5.24m	16.5ft	5.03m
15.0ft	4.57m	0.21fc	21.4ft	6.52m	20.6ft	6.27m
18.0ft	5.49m	0.15fc	25.7ft	7.83m	24.8ft	7.56m

Delivered Lumen: 120.7 lm  
 ■ Vertical Beam Spread: 71.1°  
 ■ Horizontal Beam Spread: 69.0°

Mounting Options & Dimensions

LED Fixture Dimensions (shown with C20 canopy)

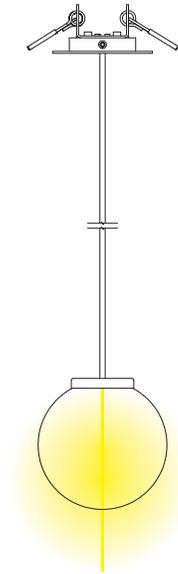
Fixture



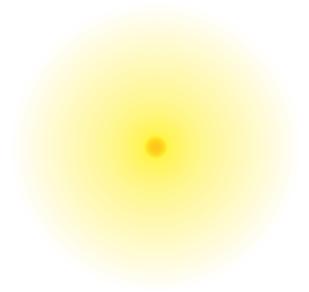
3D View



Beam



Beam on surface



Mounting Options & Dimensions

C1

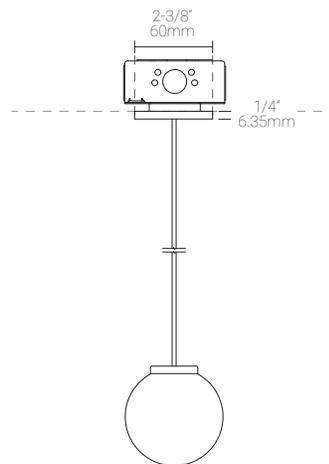
Canopy



Fixture with Canopy



Dimensions



Mounting Options & Dimensions

C3

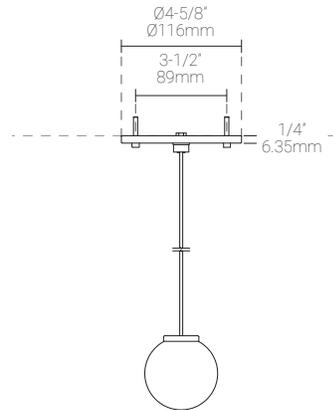
Canopy



Fixture with Canopy



Dimensions



C4

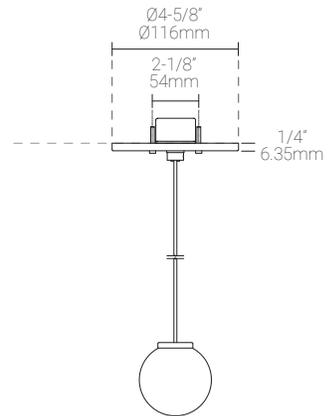
Canopy



Fixture with Canopy



Dimensions



C20

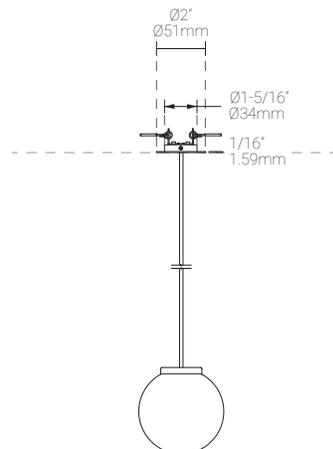
Canopy



Fixture with Canopy



Dimensions



Mounting Options & Dimensions

C22

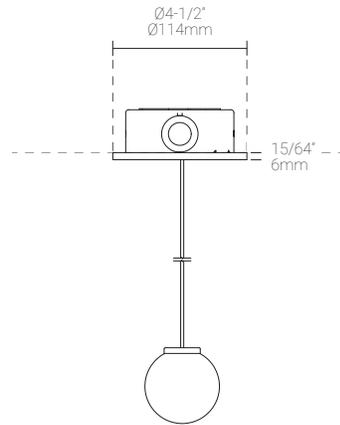
Canopy



Fixture with Canopy



Dimensions



Appendix

Acrylic Globe



Clear



Frosted

Hardware Finishes



MA matte clear anodized



BA black anodized



WH white powder coated

