L960

EXTERIOR

Safety light | Egress marker for public access, bridges, tunnels, walkways & pathways.

● Wet, Damp, and Dry location

Ordering Information   Clear Form

Date :		Quantity :	
Project :		Note :	
Type :			

Specifications

Luminaire | Example Code: L960-2-W30H-RED-SYE

Product	Version	CCT & CRI [1]	Reflective Marker Finish	Finish
L960				
	1 1W	**W22S** 2200K 80+	**RED** red	**MA** matte chrome anodized
	2 2W	**W27H** 2700K 90+	**WHI** white	**BK** black powder coated
		W30H 3000K 90+	**YEL** yellow	**SYE** safety yellow
		W35H 3500K 90+	**NR** no reflector	

System Components (Ordered Separately)

Pool-certified power supply :   * Consult MP Lighting Website or Factory.

Important Notes

Specification

1. *Refer to pg.2 - for Colour Consistency details.*

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.

[∨] MP LIGHTING

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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	5.8 lm
2W	700mA	2.6W	220 lm	11 lm

Application

Environment	Dry / Damp / Wet Location approved. IP 68.
Mounting	Designed to be mounted onto surfaces with two screws or attached to bar grates with included hardware.
Drive Over Rating	9,700 lbs (4,400 kg).

Electrical

Electrical	12" wire lead.
Control	TBC

Luminaire Construction

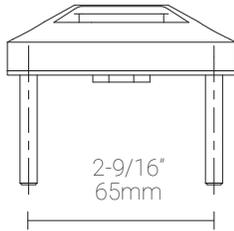|	
LED Light Source	**W22S =** CCT: 2200K, CRI (Ra): 80+, Colour Consistency: 3SDCM **W27H =** CCT: 2700K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W30H =** CCT: 3000K, CRI (Ra): 90+, Colour Consistency: 2SDCM **W35H =** CCT: 3500K, CRI (Ra): 90+, Colour Consistency: 2SDCM
Weight	TBC
Material	**Fixture:** machined marine-grade aluminum with tempered glass.
Supplied with	TBC
Warranty & LED Life	5 years limited warranty. Estimated useful life of LED is 50,000 hours.

Ordered Separately

System Components	**Power supplies:** remote power supply

Mounting Options & Dimensions

LED Dimensions

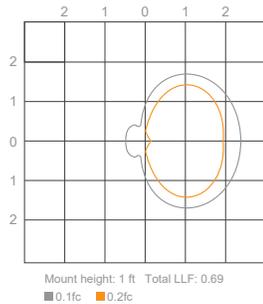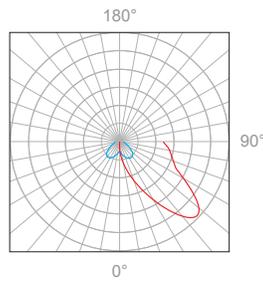| Fixture	Side View	Top View	3D View
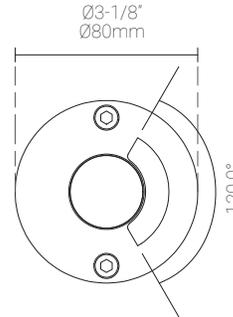
Fixture: 2-9/16" / 65mm

Side View: 15/16" / 25mm

Top View: Ø3-1/8" / Ø80mm, 120.0°

1W, 2700K, 90+ CRI

Polar Candela Distribution

Mount height: 1 ft   Total LLF: 0.69
■ 0.1fc ■ 0.2fc

Isofootcandle Plot

Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	0fc	4.1ft	1.25m	1.3ft	0.39m
3.0ft	0.91m	0fc	8.1ft	2.47m	2.6ft	0.79m
4.5ft	1.37m	0fc	12.2ft	3.72m	3.9ft	1.19m
6.0ft	1.83m	0fc	16.2ft	4.98m	5.2ft	1.58m
7.5ft	2.29m	0fc	20.3ft	6.18m	6.6ft	2.01m
9.0ft	2.74m	0fc	24.3ft	7.40m	7.9ft	2.41m

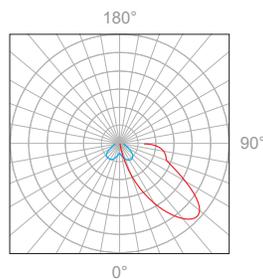**Delivered Lumen: 5.8lm**
■ Vertical Beam Spread : 107°
■ Horizontal Beam Spread : 47.2°

2W, 2700K, 90+ CRI

Polar Candela Distribution
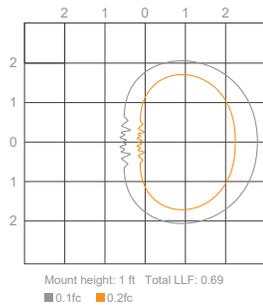
Mount height: 1 ft   Total LLF: 0.69
■ 0.1fc ■ 0.2fc

Isofootcandle Plot

Illuminance at a Distance

Distance		Center Beam fc	Beam Width			
1.5ft	0.46m	0fc	3.5ft	1.06m	1.1ft	0.33m
3.0ft	0.91m	0fc	6.9ft	2.10m	2.2ft	0.67m
4.5ft	1.37m	0fc	10.4ft	3.17m	3.3ft	1.00m
6.0ft	1.83m	0fc	13.8ft	4.20m	4.4ft	1.34m
7.5ft	2.29m	0fc	17.3ft	5.27m	5.5ft	1.67m
9.0ft	2.74m	0fc	20.7ft	6.30m	6.6ft	2.01m

Delivered Lumen: 11lm
■ Vertical Beam Spread : 98.1°
■ Horizontal Beam Spread : 40.5°

Appendix

Finishes

MA matte chrome anodized
RED red reflective marker

MA matte chrome anodized
WHI white reflective marker

MA matte chrome anodized
YEL yellow reflective marker

BK black powder coated
RED red reflective marker

BK black powder coated
WHI white reflective marker

BK black powder coated
YEL yellow reflective marker

SYE safety yellow
RED red reflective marker

SYE safety yellow
WHI white reflective marker

SYE safety yellow
YEL yellow reflective marker