

A Lighting Fixture Designed to Optimize LED Technology



The advent of LED technology has presented mass transportations with “not-so-good, better, best” choices for upgrading subway tunnel lighting.

The “not-so good” choice removes the antiquated light source from an outdated lighting fixture and replaces it with an LED bulb. This “horseless carriage” approach, puts new technology into outdated and inadequate fixtures.

The “better” choice removes and replaces the light source and optics. This approach acknowledges that the light source must control lumen distribution in order to be effective and efficient.

The “best” choice is a new lighting fixture designed specifically for the LED light source. The new lighting fixture provides controlled lumen distribution and is designed to maximize lighting performance and minimize operational and maintenance costs.

Maximized Performance with 50% Less Energy and NO Maintenance – Guaranteed!

Metro Guide Light surpasses NPFA 130 lighting level and emergency battery standards, reduces operational cost by 80%, eliminates maintenance costs and is guaranteed for 5-years.

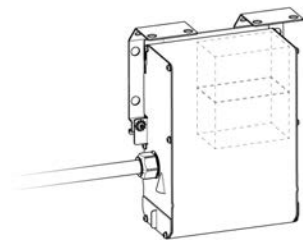
- Consumes <18 Watts
- Exceeds NPF 130 lighting levels (.25 FTC Min) at 15’ spacing
- Eliminates lamp replacement maintenance
- Quick-install mounting system is as fast as a “bulb change”
- High abuse quick-connect power connection eliminates conduit and hardwiring
- Integrated 240 minute battery back-up
- Guaranteed 5-year life cycle



Universal quick-mount bracket and quick-connect wiring minimizes installation costs

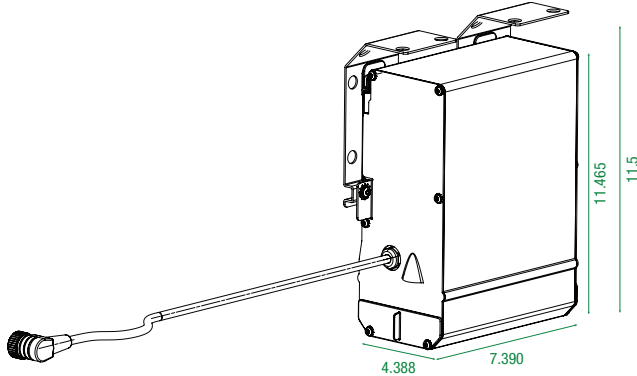


Zero lamp replacement maintenance with Metro Guide Light

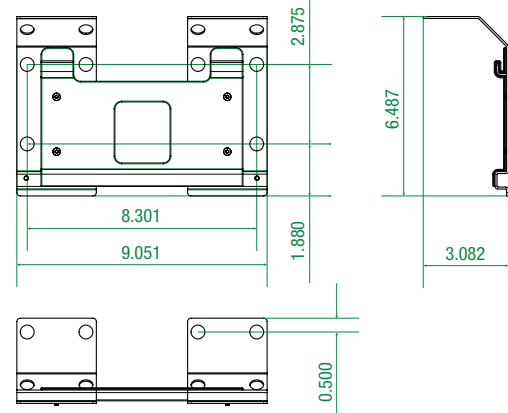


Metro Guide Light is available with an integral emergency battery – up to 240 minutes.

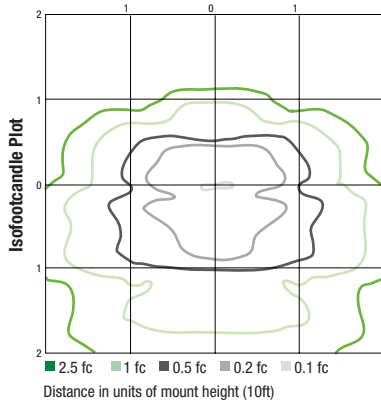
DIMENSIONAL DATA



MOUNTING BRACKET



PHOTOMETRICS



Illuminance Plot

0.49	0.55	0.62	0.67	0.68	0.72	0.73	0.75	0.75	0.75	0.76	0.76	0.74	0.71	0.68	0.62	0.57	0.50	14.00 ft 0.00
1.05	1.31	1.43	1.45	1.52	1.63	1.54	1.57	1.61	1.63	1.55	1.54	1.60	1.57	1.48	1.41	1.37	1.11	
1.14	1.38	1.51	1.55	1.61	1.65	1.65	1.63	1.67	1.68	1.64	1.64	1.66	1.64	1.57	1.52	1.42	1.21	
1.51	1.92	2.05	2.01	2.13	2.28	2.16	2.10	2.23	2.26	2.14	2.14	2.23	2.20	2.03	2.03	2.07	1.62	
1.37	2.23	2.11	1.55	1.96	2.44	1.95	1.86	2.35	2.52	1.78	1.78	2.49	2.29	1.58	1.93	2.33	1.68	
0.00																		75.00 ft

Mount Height	Spacing	Reflectance	Footcandles	Max	Min	Av	Max/Min
10 feet	15 feet	None	Initial	2.71	0.46	1.42	5.9:1

SPECIFICATIONS

- Housing:** IP66 rated housing constructed of anodized aluminum – extruded body with stamped end-caps.
- Optics:** LED-based light engine with specialized optics designed to provide a uniform, lateral beam spread. 4,000K, >.70 CRI.
- Electrical:** 110VAC, 240VAC, 277VAC or 480VAC driver, power factor >90, THD <32%. Wiring whip standard (specify gauge and length). Optional quick-connect cable with female receptacle (QCC) LSZH armor coated.
- Battery:** 240 minute lead acid with self-diagnostics.
- Mounting:** 10-gauge stainless steel universal quick-mount bracket (wall, ceiling, corner). Luminaire hinge mounts to bracket with thermoplastic interface and is locked in place with two stainless steel tamperproof fasteners.
- Listings & Certifications:** UL Wet Location Listed.
U.S. Patent No. 9,316,370

ORDERING INFORMATION

SERIES	VOLTAGE	OPTIONS
<input checked="" type="checkbox"/> MGL1	<input type="checkbox"/>	<input type="checkbox"/>
MGL1= Metro Guide Light	110=110 VAC 240=240 VAC 277=277 VAC 480=480 VAC	QCC=Quick-Connect Cable with female receptacle IEB=Integral Emergency Battery (240 minute max)

PROJECT INFORMATION

Project Name/Location _____

Fixture Type _____

Fixture Quantity _____

Catalog Number _____