

A Lighting Fixture Designed to Optimize LED Technology for Subway Platforms



There are three components to the METRO Platform Light: LED Module, Fixture Frame and Raceway.

LED MODULES

The IP66-rated LED Modules are comprised of best-in-class LED components – .125” die-cast aluminum housing, .250” impact-grade polycarbonate lens/diffuser (anti-static coated), and IP67 rated power supply and water-tight cable gland wiring. The result is an LED Module designed to provide high levels of uniform, glare-free lighting that is impervious to environmental/physical abuse and will provide many years of the highest quality platform lighting with very low operational and maintenance costs.

FIXTURE FRAME

The Fixture Frame is comprised of a .125” heavy duty aluminum extrusion with .125” one-piece machined aluminum end caps. Standard frames are 4 foot (2 LED Modules) and 6 foot (3 LED Modules). Each LED Module is closed-cell gasketed to the Fixture Frame, held in place by top brackets and secured with hand-adjustable knobs facilitating tool-less removal for service.

RACEWAY

The Fixture Frame is hinged to the Raceway (integral, continuous hinge), sealed against moisture and dust with closed-cell gasketing and secured with tamper-proof stainless steel quarter-turn fasteners. The Metro Platform Light is designed to resist vandalism and facilitate authorized entry and LED Module removal for maintenance.

AVAILABLE WITH:

- 12-watt LED Module for 10 FTC level
- or*
- 20-watt LED Module for 20 FTC level

EMERGENCY LIGHTING OPTIONS INCLUDE:

- Integral 90-minute Battery Back-up
- Remote 240-minute Battery Back-up
- Combination Emergency System (95-295VAC, 600VDC, Battery)



IP66 rated die-cast aluminum LED module is impervious to physical/environmental abuse and provides high levels of uniform, glare-free lighting.

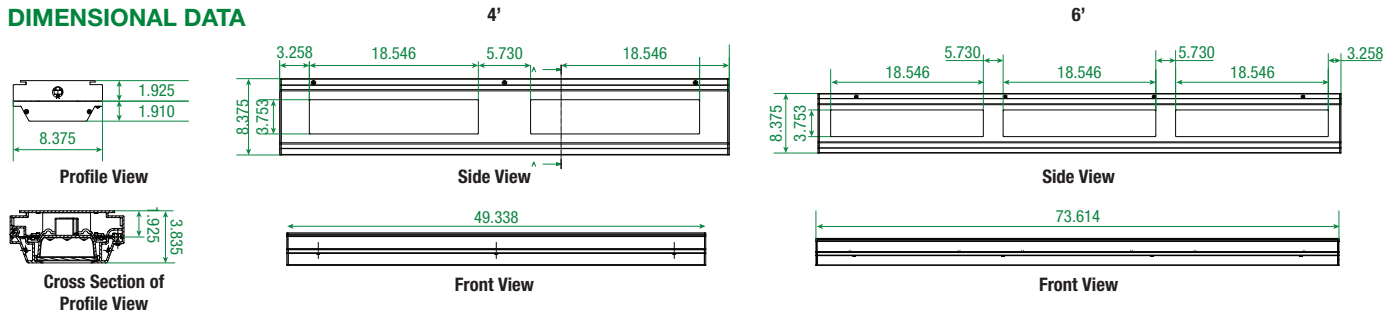


The heavy duty aluminum Fixture Frame resists vandalism and facilitates authorized entry for tool-less LED module replacement.



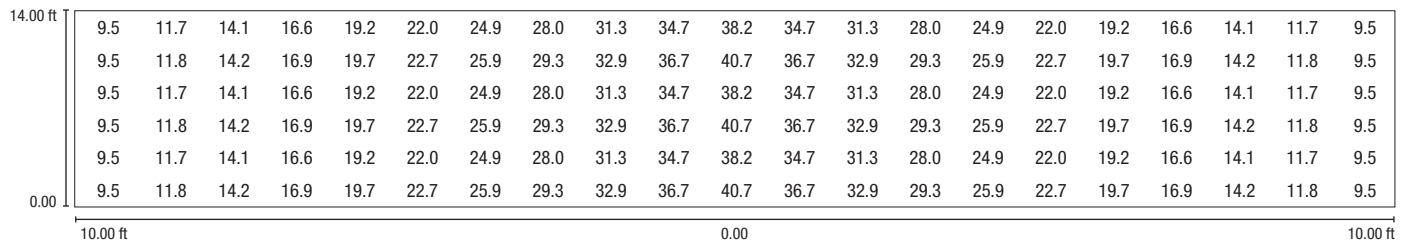
The three component luminaire (LED Module, Fixture Frame, Raceway) is designed for new construction or can be customized to integrate into existing Raceway.

DIMENSIONAL DATA



PHOTOMETRICS

Value Chart



Mount Height	Spacing	Reflectance	Footcandles	Max	Min	Avg	Avg/Min	Max/Min
8' 6"	10 feet	None	Initial	40.7	9.5	22.4	2.36	4.27

ORDERING INFORMATION

SERIES	-	HOUSING	-	MOUNTING	-	SIZE	-	LIGHT ENGINE	-	VOLTAGE	-	OPTIONS
<input type="checkbox"/> MPL1		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
MPL1= Metro Platform Light		AL=Area Lighting WL=Wall Washer		S=Surface P=Pendant C=Corner		4=4' 6=6'		12W=12-Watt 20W=20-Watt		UV=Universal (95-295VAC)		QC=Quick Connects EM1=90-min. Battery Backup EM2=240-min. Battery Backup EM3=240-min Battery Backup 95-295VAC, 600 VDC TB=Integral Terminal Block

SPECIFICATIONS

LED Module: Comprised of a .125" die-cast housing that provides optimal heat sinking for the LEDs. .250" clear impact-grade polycarbonate lens with opalescent overlay diffuser is sealed to the housing. The IP67 rated power supply is secured to the exterior of the LED Module die-cast housing and wired to the LEDs via a water-tight cable gland. The IP66 rated LED Module is closed-cell gasketed to the fixture frame and held in place by top brackets and secured with hand-adjustable knobs facilitating tool-less removal for service.

Fixture Frame: .125" extruded aluminum with one-piece machined aluminum end caps. Fixture Frame is hinged to the raceway (integral, continuous hinge), sealed with closed cell gasketing and secured with stainless steel tamperproof quarter-turn fasteners. The Fixture Frame hinge can be customized to interface with existing raceways. Four foot (2 LED Modules) and six foot (3 LED Modules) Fixture Frames available with symmetric distributions for area lighting and asymmetric distribution for wall washing.

Raceway: .125" extruded aluminum with one-piece machined aluminum end caps.

Finish: 1,000 hour salt spray UV stabilized polyester coat finish.

Light Engines: The LED light engines are available in 12-watt (10 FTC application) and 20-watt (10 FTC application) versions.

Electrical: Universal voltage 120-277V. Quick connects optional. Optional battery back-up: EM1 90-min; EM2 240-min; EM3 240-min Battery Backup 95-295VAC, 600 VDC line combination (consult factory for EM3).

Pending Listings: IP66 rated LED Module and Fixture Frame.

PROJECT INFORMATION

Project Name/Location _____

Fixture Type _____

Fixture Quantity _____

Catalog Number _____