

Metroline
LED architectural luminaire



Powering Business Worldwide

*Good design is obvious.
Great design is transparent.*

Joe Sparano, Tweet

At the intersection of modern technology and design

A city is defined by its pedestrian
experience.

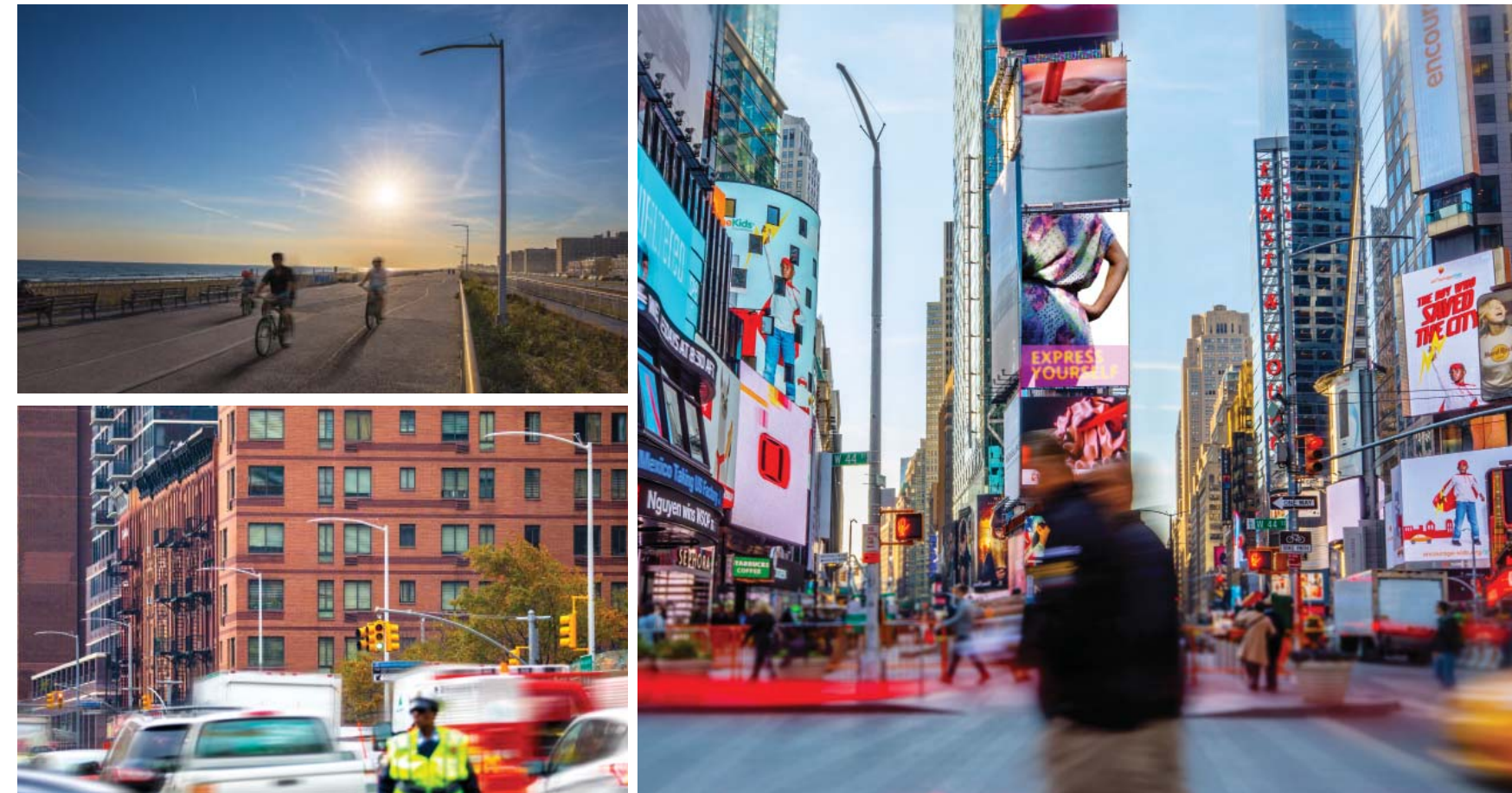
Successful streetscapes create an environment that helps to define a community's style, vitality and sustainability. The Metroline luminaire enhances both the streetscape and pedestrian experience to attract commercial and social activity to "people occupied spaces" in which we live and work.

Supporting a sustainable community

The Metroline luminaire is designed to reflect the values of a sustainable community and respects the environment through the use of technologies that:

- reduce energy consumption by 60 percent compared to existing HID lamp sources
- extend maintenance and useful life cycles more than of 15 years
- maximize the use of recyclable, non-toxic materials





Enhancing the street and pedestrian experience

At its core, pedestrian lighting is part of a context-sensitive design for people occupied spaces. The Metroline luminaire helps encourage all ground level wayfinding, improving the ability to navigate a space quickly. Eaton's AccuLED Optics™ technology improves nighttime visibility allowing rapid identification of risk, promoting a comfortable, safe and secure setting. The clean, modern day form appearance complements the urban space, providing distinctive community identification.

A flexible design solution

The Metroline luminaire is designed to deliver superior lighting efficacies greater than 115 lms/W, only consuming 40 percent of the energy of a 150W HPS luminaire. The low-profile housing is 4" wide and 2" tall, uses minimal external hardware and is designed to withstand 3G vibration making it ideal for use on bridges and structures that flex. The Metroline luminaire is constructed with low copper content aluminum and is finished with a polyester powered coat that resists corrosion for an extended life.

Optional transformer pedestal base and pole

The decorative base is constructed to give easy access to ground level connection points, fusing and surge protection, while providing a safe and secure enclosure. The two-piece decorative base cover transitions the pole to the base while at the same time conceals the pole connection. The tapered steel pole is designed specifically to support two Metroline luminaires and withstands wind conditions of 110 mph with 1.3 gust factors. The wind load also includes provision for 20 square feet of banner signage.



Technical specifications¹

Performance

Distributions: Type II, III and IV
Lumens: 5,300 - 11,500
Wattage: 91W
Efficacy: Up to 124 lm/W
CCT/CRI: 4000K/70 CRI, 3000K/70 CRI, 3000K/80 CRI
Controls: 0-10V, occupancy sensor, wireless control

Additional information

Warranty: 5 year
Vibration tested:
Single Mount - 3G
Twin Mount - 1.5G
UL/cUL listed: Wet location
IP66 rated: Yes (housing)
ANSI: C136.31
ISO 9001: Certified
RoHS: Compliant

Approximate net weight:

Single mount - 36 lbs. (16.36 kgs.)

Twin mount - 68 lbs. (30.90 kgs.)

Effective projected area (EPA) Square feet:

Single mount - 0.90

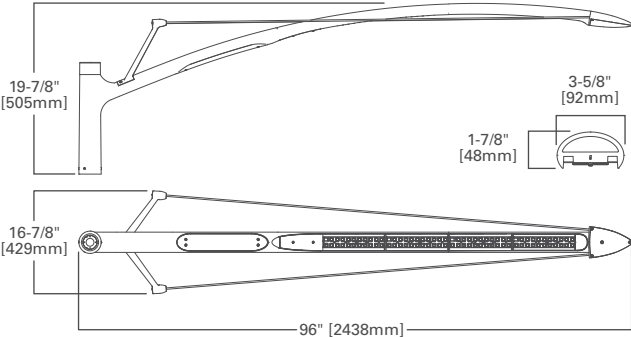
Twin mount - 1.8

Energy data (Electronic LED driver)

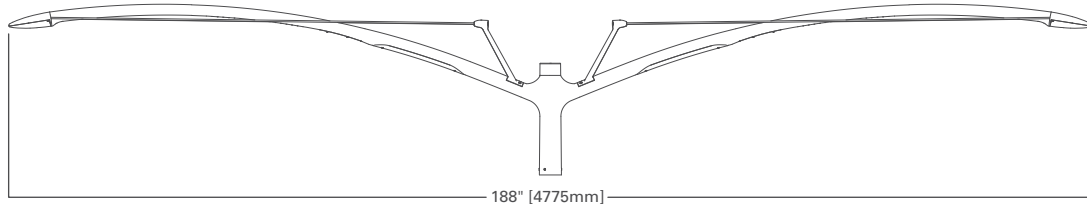
Minimum temperature: -30°C
Ambient temperature rating: 50°C
Operation: 120-277V 50/60Hz

Dimensions

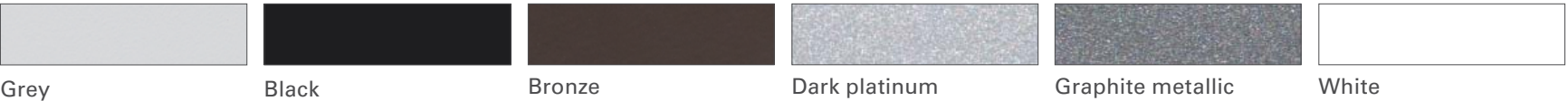
Single mount



Twin mount



Available finishes²



NOTE: ¹ Product specifications subject to change without notice. Consult your lighting representative at Eaton for more information, or visit www.eaton.com/lighting to find the most up to date information. ² Eaton utilizes premium ultra-weatherable TGIC based polyester powder coatings that are specifically formulated to withstand extended outdoor exposure. Consult your lighting representative at Eaton for more information on RAL and custom color matching. Colors and textures have been matched as close as possible. Paper and ink limitations, as well as the influence of heat and light, account for differences from actual coatings.

Lighting Product Lines

Halo
Halo Commercial
Portfolio
Iris
RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper
io
Lumark
McGraw-Edison
Invue
Ephesus
Lumière
Streetworks
AtLite
Sure-Lites

Controls Product Lines

Greengate
iLumin
Zero 88
Fifth Light Technology
iLight (International Only)

Connected Lighting Systems

LumaWatt Pro
WaveLinx
Distributed Low-Voltage Power
ConnectWorks