

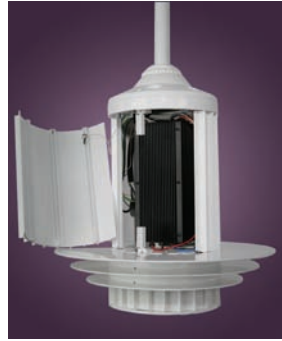
*the industry's first
fully electronic
luminaire*

- *Architectural and Commercial Styling*
- *Decorative Elements to Customize Projects*
- *Wide Array of Optics*
- *Electronic Ballast offers:*
 - *7-10% Energy Savings over Magnetic*
 - *Improved Lumen Maintenance*
 - *Up to 50% Greater Lamp Life*
- *Dimmable to 50% power or lower for:*
 - *Energy Savings*
 - *Peak Demand Reduction*
 - *Flexibility in Multi-Use Spaces*
- *Uses standard 0-10v Analog Controls*



Electronic Ballast Selection and Features

The Wide-Lite Element™ Series presents two varieties of micro-processor-controlled electronic ballasts. Available in 400, 350 and 320 watts and in 208, 240 and 277 volts. All offerings in the series offer Analog Dimming to 50% power and Bi-Level (Hi-Low) to 50% power.



- Excellent lumen maintenance reduces installed and maintained lighting costs
- High efficiency lamp operation
- Regulated lamp power for optimal lamp performance

Superior Lumen Maintenance and Energy Savings

The digitally controlled ignition inherent in the Element's electronic ballast virtually eliminates lamp electrode wear and wall blackening. A dimming installation designed to maintain a constant light output can extend lamp life by 200-300% over magnetic ballast operation. With an increase in lumen output over time, reduced maintenance costs due to longer lamp life, and 40% - 65% energy savings overall, the advantages are remarkable.

For Pulse Start Metal Halide lamps only:

Standard Available Wattages:			Standard Available Voltages:		
320	350	400	208	240	277

Note: Limited availability in other wattages, voltages, and sources. Consult factory.

Decorative Modular Ballast Housing

The Element's most distinctive feature is its sleek, cylindrical ballast housing, that visually unifies the optics with the standard pendant mounting. Cast aluminum nut and hub is standard for quick, positive mounting to 3/4" NPT or NPSM conduit. A handy, tool-less wiring access door simplifies installation and maintenance and disappears when replaced, restoring the ballast's uninterrupted vertical styling.

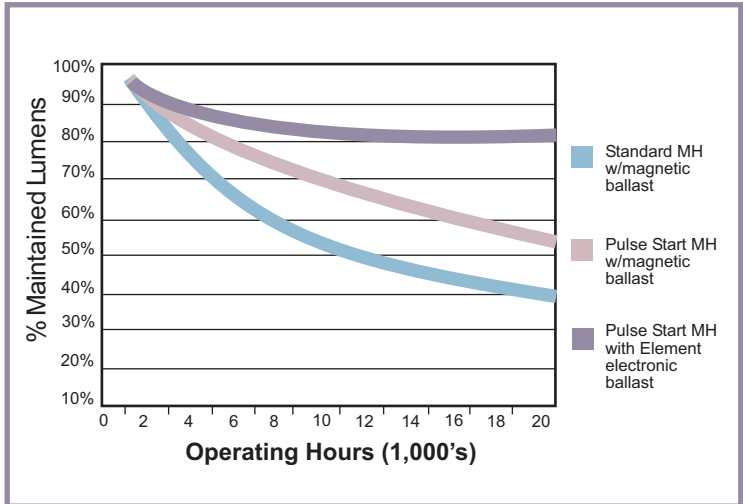
Wattage	ANSI Code	Line Current 208 / 240 / 277	Line Watts
PSMH 400	M135 / M155	2.1 / 1.9 / 1.6	413 - 430
PSMH 350	M131	1.8 / 1.6 / 1.4	363 - 376
PSMH 320	M132 / M154	1.7 / 1.5 / 1.3	344 - 345

Ballast Specification Overview

High frequency electronic ballast operation provides constant wattage regulation and features THD in the range of <10% to <15% with a variety of dimming capabilities and is suitable for operation in an ambient temperature range of -30°C (-22°F) to 40°C (40°F).

Prismatic Glass Optics

The prismatic reflector of borosilicate glass adds an upright component to give fill light on ceiling surfaces, improving the quality of the lighting environment. Both the standard Glass and the Rodded Glass optics are available in either Open or Enclosed construction. Enclosed units feature a flat, tempered glass bottom lens. Rodded Glass optic is recommended for use in gymnasium or other active environments.



Modular Optics and Application Flexibility

In addition to the Glass and Rodded Glass Element Series featured, plans are to make the Element Series available with any of Wide-Lite's standard Metal over Glass, Rodded Metal over Glass, Acrylic, or Metal High Bay optics, as well as Low Bay, Comfort Bay and Vertic'Aisle optics. When all variables are considered, including reflector size, distribution, and open or enclosed construction, there are over 50 available optics to choose from.

Lamp

All luminaires require mogul-based lamps.

Listings

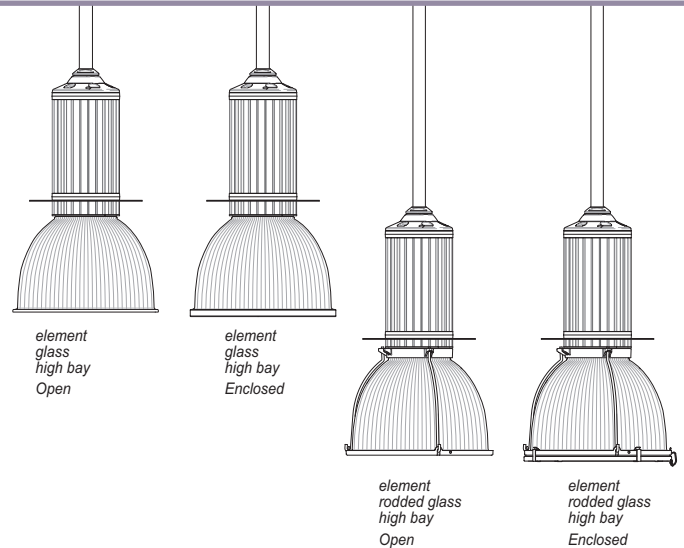
UL/cUL Listed luminaire, UL 1598, suitable for damp locations. The quality systems of this facility have been registered by UL to the ISO 9000 Series Standards.

Warranty / Terms and Conditions

Standard 3 Year Limited Warranty

Wide-Lite's current Warranty may be found at www.wide-lite.com (keyword: warranty) as well as Wide-Lite's current Standard Terms and Conditions of Sale (keyword: terms).

All sales of items in this catalogue shall be subject to Wide-Lite's Standard Terms and Conditions of Sale current at the time of shipment. If you do not have a copy of Wide-Lite's Warranty and Standard Terms, please contact the factory for same prior to ordering.



In addition to the LQ, Wide-Lite is pleased to offer fluorescent emergency lighting

RSP-LF™ Fluorescent Auxiliary Lamp Option

Round Spectra-Lyte now offers a high performance alternative to the auxiliary Quartz lamp option

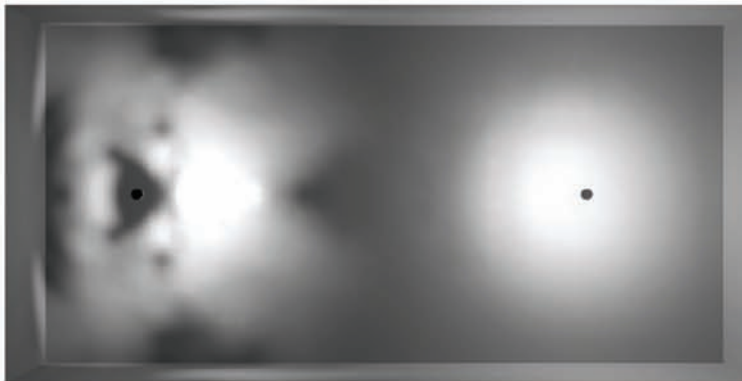
- **Greatly improved lamp life**
16,000 hours at 3 hr starts vs. 2000 hr max
- **Significant gains in lumen output**
3800 lumens (55W) vs. 2800 lumens (150W)
Philips FC12C5 lamp operated on a High Output ballast (0.85 ballast factor).
- **Cooler operation = safe lamp handling**
CF lamps are safe to touch vs. Quartz lamps (Quartz normal operating temp >1200°)
Premature quartz lamp failure may result from improper handling – gloves required.
- **Optimum Photometric performance**
Precise, round distribution vs. shadows and hotspots inherent with off-center mounting of quartz lamp



Photometric Data Comparison Reveals Uniformity of Light

The test results below show a comparison of typical light levels achieved in the emergency lighting state. Note the inconsistent pattern typical of a 150W quartz lamp in contrast to the even, concentric patterns achieved with the fluorescent source.*

A typical garage fixture with off-centered quartz lamped emergency option



* Garage lighting application viewed from above showing relative footcandle levels on the floor and surrounding walls

The RSP with the optically centered Circular High Output Fluorescent Emergency lighting option

LF Applications

Auxiliary lighting when the main lamp's arc is extinguished due to:

Momentary power interruptions

Line voltage dips

Back-up illumination when the main lamp burns out

LF1 Application

Powered from separate source

The benefits of the fluorescent source for auxiliary lighting make it ideal for new installations. For further information on LiteMatic options, consult the Round Spectra-Lyte product bulletin. Consult Factory for additional information.

* Note: Standard quartz wattage is 100W. 150W used for comparison purposes only.

