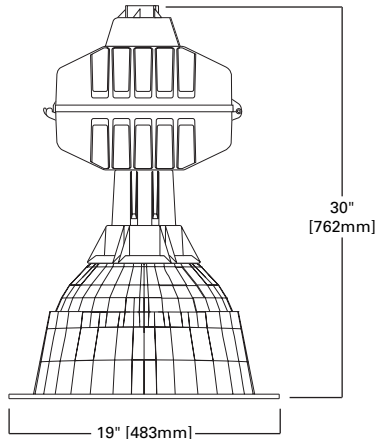


250/320/350/400W
PULSE START METAL HALIDE [ELECTRONIC]



HEAVY-DUTY ENCLOSED & GASKETED VERTICAL AISLE LIGHTER HIGH-BAY LUMINAIRE

Powered by
ECON
technology

APPLICATION

The EB E&G VertX aislelighter is ideal for higher mounting height warehouse applications. Its unique distribution pattern delivers high horizontal illumination while reducing "scallops" or hot spots for a more uniform vertical surface.



LUMARK®

specifications

DESCRIPTION

The EB E&G VertX ECON™ technology utilizes a durable heavy-duty die-cast aluminum ballast housing and the SA19 reflector system for maximum performance. It features a die-cast aluminum neck for superior strength and an extruded aluminum door frame with stainless steel latches for access to the lamp without tools. The EB E&G VertX ECON™ technology is fully enclosed and gasketed at three (3) separate points to prevent entry of external contaminants. U.L. listed and CSA certified for damp locations standard. Wet location optional.

> MOUNTING

Easy slide-on die-cast aluminum mounting box with tapped opening for 3/4" conduit.

> HOUSING

Durable heavy-duty die-cast aluminum housing for lasting performance in the harshest environments. Integrally hinged for ease of maintenance with optional toolless entry. Finished in a white polyester powder coat.

> BALLAST

ECON™ electronic ballast technology delivers longer lamp life and improved lumen output while maintain constant lamp wattage. End of life circuitry prevents high voltage H.I.D. lamps minimizing non-passive lamp failures. Color shift minimized though improved starting and operations. Thermal monitoring circuitry prevents abnormal high ambient conditions damage to the ballast. Minimum starting temperature is -40°C (-40°F).

> SOCKET

Mogul-base porcelain socket.

> NECK

Die-cast aluminum neck with staggered mounting bosses for eight-position adjustability of the socket which provides a variety of distributions from concentrated to wide.

> REFLECTOR

Computer designed, faceted reflector provides maximum photometric performance and beam efficiency. The system is completely enclosed and gasketed at three (3) points: door to reflector, reflector to neck, and neck to housing.

> LENS

Clear tempered glass lens in an extruded aluminum door frame with stainless steel latches allows access for relamping without tools.

TECHNICAL DATA

40°C Ambient Environment
(ECON™ Electronic Pulse Start MH)
105°C Supply Wire Rating

ENERGY DATA

Electronic Ballast Input Watts
250W MD Electronic (275 Watts)
320W MD Electronic (345 Watts)
350W MD Electronic (375 Watts)
400W MD Electronic (425 Watts)

ORDERING INFORMATION

SAMPLE NUMBER: MDEB-ENAV19-M-350-277-Q

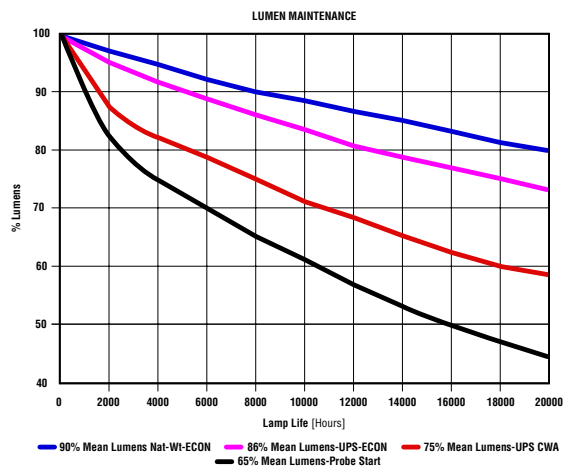
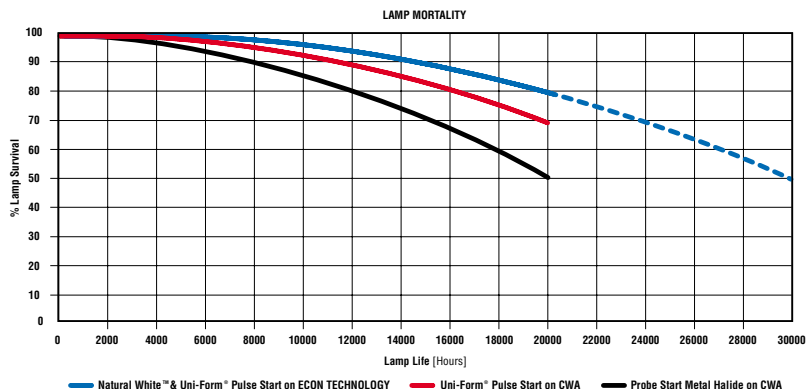
| LAMP TYPE | SERIES | REFLECTOR TYPE | REFLECTOR DIAMETER | SOCKET POSITION/ DISTRIBUTION ¹ | LAMP WATTAGE | VOLTAGE ² | OPTIONS + ACCESSORIES ^{5,6} |
|--|--------------|--------------------------------------|--------------------|---|--|--|--|
| MD=Pulse Start Metal Halide (ECON™ Electronic) | EB=E&G VertX | ENAV=Enclosed & Gasketed VertX | 19=19" | C=Concentrated M=Medium W=Wide | 250=250W 320=320W 350=350W 400=400W | 120=120V ³ 208=208V 240=240V 277=277V E1=Electronic 120-277V ³ E=Electronic 200-277V ⁴ | (See ECON™ Options + Accessories Capabilities Matrix ADH060390) |

NOTES: 1 Factory set for concentrated, medium or wide distribution.
2 MD will operate 50 or 60 Hz.
3 250W only.
4 320, 350 and 400W only.
5 Must be listed in order shown and separated by a dash.
6 Specify voltage for "O" and "EM" options.

PHOTOMETRICS

CONSULT FACTORY FOR PHOTOMETRICS

LAMP MORTALITY AND LUMEN MAINTENANCE COMPARISONS



Lamp Mortality and Lumen Maintenance Charts Courtesy of VENTURE®

LAMP ORDERING INFORMATION

SAMPLE NUMBER: EQ320-E-BU-C-MG-E28-C-90-C-U

| LAMP TYPE | WATTAGE | LUMINAIRE RATING | BURN POSITION | CLEAR/COATED | BASE TYPE | BULB TYPE | LAMP MANUFACTURER ⁴ | CRI | LAMP COLOR ^{6,7} | FEATURES |
|---------------------------|---------|------------------|---------------|-------------------|---------------------|---------------------------|--------------------------------|------------------------|-------------------------------|---------------------|
| EQ=ECON™ | 250 | O=Open | BU=Base Up | C=Clear | MG=Mogul | E28=ED/BT28 ⁴ | C=Common | 90=90> ^{5,10} | C=Cooper | U=UV Coated |
| Quartz | 320 | E=Enclosed | Standard | D=Diffused/Coated | E39 ² | E37=ED/BT37 ¹⁰ | Cooper | 70=70-79 | Common ⁸ | Z=No Extra Features |
| Metal Halide ¹ | 350 | | (+/- 15°) | | MR=Mogul Restricted | | V=Venture | 60=60-69 | 35=3500-3900K | |
| | 400 | | | | EX39 ³ | | | | 40=4000-4400K | |
| | | | | | | | | | 50=5000-5400K ^{9,10} | |

VENTURE NATURAL WHITE™ ORDERING INFORMATION

SAMPLE NUMBER: EQ320-O-BU-C-MR-E37-V-90-50-Z

| LAMP TYPE | WATTAGE | LUMINAIRE RATING | BURN POSITION | CLEAR/COATED | BASE TYPE ³ | BULB TYPE | LAMP MANUFACTURER | CRI | LAMP COLOR | FEATURES |
|-----------|---------|------------------|---------------|-------------------|------------------------|-------------|-------------------|--------|---------------|---------------------|
| EQ | 320 | O=Open | BU=Base Up | C=Clear | MR=Mogul Restricted | E37=ED/BT37 | V=Venture | 90=90> | 50=5000-5400K | Z=No Extra Features |
| | 350 | | Standard | D=Diffused/Coated | EX39 | | | | | |
| | 400 | | (+/- 15°) | | | | | | | |

NOTES: 1 ECON™ Quartz Metal Halide must be approved lamp suppliers. 2 Not available in 90CRI and 5000K CCT. 3 Requires specification of open rated lamp in conjunction with restricted base. 4 Specifying Lamp manufacturer selections other than Cooper Common require CRI, Lamp color and feature category to be completed. 5 Only Available in 5000K CCT. 6 Where lamp temperature is specific, enter first two digits of kelvin. 7 Kelvin temperature callout is provided for a general range of correlating temperature. EXAMPLE: 40 will range from 4000-4200K CCT. 8 Common is 4K. 9 Only available in 90CRI. 10 Not available on 250W.



NOTE: Specifications and Dimensions subject to change without notice.