# e-Vision Low Wattage 20-150W

## E-VISION IMHG20KLFM

Low frequency electronic HID ballasts such as the Philips Advance e-Vision line constantly measure and adjust the wattage, optimizing delivery of the ceramic lamps' superior color properties. This makes ceramic metal halide operated by e-Vision ballasts the premier choice for many applications previously illuminated by either tungsten halogen or incandescent sources, such as retail lighting.

## Product data

### General Information

| | |
|---|---|
| ANSI Code | C156-M156 |
| Lamp Type | 20W MH |
| Number Of Lamps | 1 piece/unit |
| Ballast Type | Electronic HID |
| Base Model | IMHG20KLF |
| Suitable For Outdoor Use | Yes |

### Operating and Electrical

| | |
|---|---|
| Input Voltage | 120 to 277 V |
| Input Frequency | 50 to 60 Hz |
| Total Harmonic Distortion USA | 15 % |
| Crestfactor (Nom) | 1.8 |
| Ignition Time (Nom) | 1200 s |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Input Current (Max) | 0.2 A |
| Input Current (Min) | 0.1 A |

| | |
|---|---|
| Input Power (Nom) | 24 W |
| Rated Lamp Power | 20 W |

### Wiring

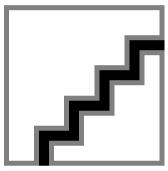| | |
|---|---|
| Color Input Terminals | No terminals |
| Color Output Terminals | No terminals |
| Wire Striplength | 0.50 mm |
| Control Wire Gauge | NA |
| Wire Length By Color | Input=6" Output=13" |
| Wire Gauge (Nom) | 18AWG mm |
| Wire Type | Stranded |
| Remote Wiring Configuration Allowed | Yes |
| Tandem Wiring Configuration Allowed | No |
| Through Wiring Configuration Allowed | No |
| Connector Type | No connector |

# e-Vision Low Wattage 20-150W

| Temperature | |
| --- | --- |
| T-Case Maximum (Nom) | 90 °C |

| Mechanical and Housing | |
| --- | --- |
| Housing Material | Metal |
| Housing | K |
| Housing Dimensions | 4.1" x 1.3" x 1.2" |

| Approval and Application | |
| --- | --- |
| EMC Immunity Standard | FCC Non-Consumer |
| Approval Marks | CSA certificate UL certificate RoHS Compliant |
| Hum And Noise Level | A |

| UL Recognized | No |
| --- | --- |

| Product Data | |
| --- | --- |
| Order product name | E-VISION IMHG20KLFM |
| EAN/UPC - Product | 781087124369 |
| Order code | 913701244302 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 913701244302 |
| Net Weight (Piece) | 178.000 g |

## Dimensional drawing



E-VISION IMHG20KLFM

| Product | A1 | A2 | A3 | B1 | B2 | C1 |
| --- | --- | --- | --- | --- | --- | --- |
| E-VISION IMHG20KLFM | 4.4 in | 4.1 in | 4.5 in | 1.1 in | 0.5 in | 1.2 in |