

# PHILIPS

# Lighting



## e-Vision Low Wattage 20-150W

### E-VISION IMH70GLFM

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                     | C98-M98,C139-M139,M1 |
| Lamp Type                     | 70W MH               |
| Number Of Lamps               | 1 piece/unit         |
| Ballast Type                  | Electronic HID       |
| Base Model                    | IMH70GLF             |
| 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)           | 0.66 A               |
| Input Current (Min)           | 0.28 A               |

| Input Power (Nom)                    | 79-76 W         |
|--------------------------------------|-----------------|
| Rated Lamp Power                     | 70 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                 | All leads = 11" |
| 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 |

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| Mechanical and Housing |                    |
|------------------------|--------------------|
| Housing Material       | Metal              |
| Housing                | G                  |
| Housing Dimensions     | 3.5" x 3.0" x 1.2" |

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

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

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| Product Data                    |                    |
|---------------------------------|--------------------|
| Order product name              | E-VISION IMH70GLFM |
| EAN/UPC - Product               | 781087041901       |
| Order code                      | 913710259802       |
| Numerator - Quantity Per Pack   | 1                  |
| Numerator - Packs per outer box | 20                 |
| Material Nr. (12NC)             | 913710259802       |
| Net Weight (Piece)              | 0.441 kg           |

### Dimensional drawing

| Product            | A1     | A2     | A3     | A4     | A5      | B1     | B2     | C1     |
|--------------------|--------|--------|--------|--------|---------|--------|--------|--------|
| E-VISION IMH70GLFM | 3.8 in | 3.5 in | 3.4 in | 2.0 in | 1.13 in | 3.0 in | 2.6 in | 1.2 in |

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