



# PrimaVision Mini for CDM

# HID-PV m 20 /I CDM 220-240V 50/60Hz

Miniature HID electronic gear for PGJ5 CDM lamps – freeing up the boundaries of creativity and innovation in luminaire design

### **Product data**

| General Information                    |              |  |  |  |
|--|--------------|--|--|--|
| Application Code                       | HPF          |  |  |  |
| Type Version                           | mk1          |  |  |  |
| Lamp Type                              | CDM          |  |  |  |
| Number of Lamps                        | 1 piece/unit |  |  |  |
| Suitable For Outdoor Use               | No           |  |  |  |
| Number of Products on MCB (16A Type B) | 24           |  |  |  |
| (Nom)                                  |              |  |  |  |
|  |              |  |  |  |
| Operating and Electrical               |              |  |  |  |
| Input Voltage                          | 220 to 240 V |  |  |  |
| Input Frequency                        | 50 to 60 Hz  |  |  |  |
| Minimum Mains Voltage Operation (Min)  | 198 V        |  |  |  |
| Power Factor 100% Load (Nom)           | 0.95         |  |  |  |
| Ignition Voltage (Max)                 | 4.5 kV       |  |  |  |
| Ignition Voltage (Min)                 | 3.3 kV       |  |  |  |
| Ignition Switch-Off Time (Nom)         | 21 min       |  |  |  |
| Mains Voltage Performance (AC)         | 198-254V     |  |  |  |
| Mains Voltage Safety (AC)              | 180-264V     |  |  |  |
| Earth Leakage Current (Max)            | 0.5 mA       |  |  |  |
| Inrush Current Width                   | 0.25 ms      |  |  |  |
| Constant Wattage Deviation             | -3%/+3%      |  |  |  |
|  |              |  |  |  |

| Power Losses (Nom)                       | 4.5 W         |  |  |  |  |
|--|---------------|--|--|--|--|
| Inrush Current Peak (Max)                | 15 A          |  |  |  |  |
|  |               |  |  |  |  |
| Wiring                                   |               |  |  |  |  |
| Cable Capacity Output Wires Mutual (Nom) | 150 pF        |  |  |  |  |
| Cable Length From Device to Lamp         | 2 m           |  |  |  |  |
| Wire Striplength                         | 10.0-11.0 mm  |  |  |  |  |
| Ballast Contact Wire Cross Section       | 0.75-2.50 mm² |  |  |  |  |
| Connector Type                           | Insert        |  |  |  |  |
|  |               |  |  |  |  |
| System characteristics                   |               |  |  |  |  |
| Rated Ballast-Lamp Power                 | 20 W          |  |  |  |  |
|  |               |  |  |  |  |
| Temperature                              |               |  |  |  |  |
| T-Ambient (Max)                          | 45 ℃          |  |  |  |  |
| T-Ambient (Min)                          | -20 °C        |  |  |  |  |
| T-Storage (Max)                          | 80 °C         |  |  |  |  |
| T-Storage (Min)                          | -25 °C        |  |  |  |  |
| T-Case Lifetime (Nom)                    | 75 °C         |  |  |  |  |
| T-Case Maximum (Max)                     | 75 ℃          |  |  |  |  |
|  |               |  |  |  |  |

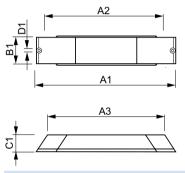
Datasheet, 2020, November 23 data subject to change

# **PrimaVision Mini for CDM**

| Mechanical and Housing        |                                       |  |  |  |
|-------------------------------|---------------------------------------|--|--|--|
| Housing                       | Independent                           |  |  |  |
|                               |                                       |  |  |  |
| Approval and Application      |                                       |  |  |  |
| Active Temperature Protection | Yes                                   |  |  |  |
| EMI 9 kHz 300 MHz             | CISPR 15 ed 7.2                       |  |  |  |
| Vibration Standard            | IEC68-2-6 F c                         |  |  |  |
| Bumps Standard                | IEC 68-2-29 Eb                        |  |  |  |
| Approval Marks                | F-Marking CE marking ENEC certificate |  |  |  |
|                               | CB Certificate                        |  |  |  |
| Hum And Noise Level           | Inaudible                             |  |  |  |

| Product Data                    |                                    |  |  |  |
|---------------------------------|------------------------------------|--|--|--|
| Full product code               | 872790089060000                    |  |  |  |
| Order product name              | HID-PV m 20 /I CDM 220-240V 50/60H |  |  |  |
| EAN/UPC - Product               | 8711500881632                      |  |  |  |
| Order code                      | 913700646266                       |  |  |  |
| Numerator - Quantity Per Pack   | 1                                  |  |  |  |
| Numerator - Packs per outer box | 10                                 |  |  |  |
| Material Nr. (12NC)             | 913700646266                       |  |  |  |
| Net Weight (Piece)              | 0.230 kg                           |  |  |  |

## Dimensional drawing



| HID DV 20 /LCDM HDE 220 240V E0 /COLL   |
|---|
| HID-PV m 20 /I CDM HPF 220-240V 50/60Hz |
|   |

| Product            | D1     | C1   | A1    | A2    | А3    | B1   |
|--------------------|--------|------|-------|-------|-------|------|
| HID-PV m 20 /I CDM | 4.8 mm | 34.0 | 234.7 | 225.1 | 202.0 | 49.4 |
| 220-240V 50/60Hz   |        | mm   | mm    | mm    | mm    | mm   |

