

# PrimaVision Mini for CDM

## HID-PV m 20 /I CDM HPF 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                            |   |
|--|---|
| Remarks  | UK importer address: Signify Commercial<br>UK Limited, 3, Guildford Business Park,<br>GU2 8XG |
| 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 (16 A type B) (nom.) | 24  |
| 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    |
| Efficiency at full load [%] | 87.7 %  |

### Wiring

|   |                           |
|---|---------------------------|
| Cable capacity output wires mutual (nom.) | 150 pF                    |
| Cable length from device to lamp          | 2 m                       |
| Wire strip length                         | 10.0-11.0 mm              |
| Ballast contact wire cross section        | 0.75-2.50 mm <sup>2</sup> |
| Connector type                            | Insert                    |

### System characteristics

|                          |      |
|--------------------------|------|
| Rated ballast-lamp power | 20 W |
|--------------------------|------|

### Temperature

|                        |        |
|------------------------|--------|
| T-ambient (max.)       | 45 °C  |
| T-ambient (min.)       | -20 °C |
| T storage (max.)       | 80 °C  |
| T storage (min.)       | -25 °C |
| T-case lifetime (nom.) | 75 °C  |

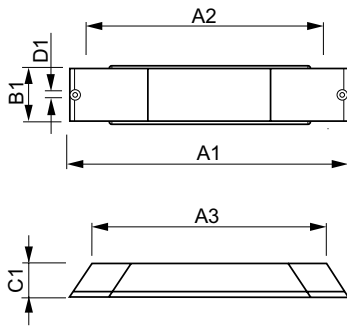
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|                                 |  |
|---------------------------------|--|
| T-Case maximum (max.)           | 75 °C  |
| <b>Mechanical and housing</b>   |  |
| Housing                         | Independent  |
| <b>Approval and application</b> |  |
| 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 |
| Humming and noise level         | Inaudible  |

### Product data

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Full product code                 | 872790089060000                     |
| Order product name                | HID-PV m 20 /I CDM 220-240V 50/60Hz |
| EAN/UPC – product                 | 8711500881632                       |
| Order code                        | 89060000                            |
| Local order code                  | PVM20IHPPF                          |
| SAP numerator – quantity per pack | 1                                   |
| Numerator – packs per outer box   | 10                                  |
| SAP material                      | 913700646266                        |
| Copy Net Weight (Piece)           | 0.230 kg                            |

### Dimensional drawing



| Product                                | D1     | C1         | A1          | A2          | A3          | B1         |
|--|--------|------------|-------------|-------------|-------------|------------|
| HID-PV m 20 /I CDM<br>220-240V 50/60Hz | 4.8 mm | 34.0<br>mm | 234.7<br>mm | 225.1<br>mm | 202.0<br>mm | 49.4<br>mm |

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