

# HID-CertaVision for CDM

## HID-CV 50 /S CDM 220-240V

HID-CertaVision electronic ballast for use with ceramic metal-halide (CDM) lamps



### Product data

#### • General Characteristics

|                          |           |
|--------------------------|-----------|
| Rated Lamptype           | CDM       |
| Rated Number of Lamps    | 1 piece   |
| Rated Ballast-Lamp Power | 50        |
| Line Voltage             | 220-240 V |
| Line Frequency           | 50/60 Hz  |
| Housing                  | /S        |

#### • Operating Characteristics

|                                |                         |
|--------------------------------|-------------------------|
| Ignition Voltage               | 3.0 (min), 5.0 (max) kV |
| Mains voltage safety (AC)      | 180-264V                |
| Mains voltage performance (AC) | 198-264V                |
| Inrush current Peak            | 22.4 A                  |
| Inrush current Width           | 0.28 ms                 |
| Power losses gear              | 7 W                     |
| PowerFactor 100% output power  | 0.95 -                  |
| Max ballast on MCB(16A type B) | 24 x                    |

#### • Wiring Characteristics

|                               |        |
|-------------------------------|--------|
| Cable-Cap output-wires mutual | 120 pF |
| Connector type                | Push   |
| Max. cable length Device/Lamp | 2 m    |

#### • Temperature Characteristics

|             |      |
|-------------|------|
| F-marking   | No   |
| T-case life | 85 C |

|                |                       |
|----------------|-----------------------|
| T-case maximum | 85 (max) C            |
| T-ambient      | -20 (min), 50 (max) C |
| T-storage      | -25 (min), 80 (max) C |

#### • Product Dimensions

|                      |          |
|----------------------|----------|
| Length A1            | 110.0 mm |
| Fixing Hole Distance | 98.5 mm  |
| Length A2            |          |
| Width B1             | 75.0 mm  |
| Fixing Hole Distance | 63.7 mm  |
| Width B2             |          |
| Width B3             | 4.5 mm   |
| Height C1            | 32.1 mm  |

#### • Approval & Application Chars

|                       |                     |
|-----------------------|---------------------|
| EMI 30 MHz .. 1000MHz | CISPR15 Edition 7.1 |
| CE marking            | Yes                 |
| ENEC certificate      | No                  |
| VDE certificate       | No                  |
| VDE-EMV certificate   | No                  |
| CB Certificate        | No                  |

#### • Product Data

|                         |                           |
|-------------------------|---------------------------|
| Order code              | 913712007566              |
| Full product code       | 913712007566              |
| Full product name       | HID-CV 50 /S CDM 220-240V |
| Order product name      | HID-CV 50 /S CDM 220-240V |
| Pieces per pack         | 1                         |
| Packing configuration   | 12                        |
| Packs per outerbox      | 12                        |
| Bar code on pack - EAN1 | 8718291182559             |

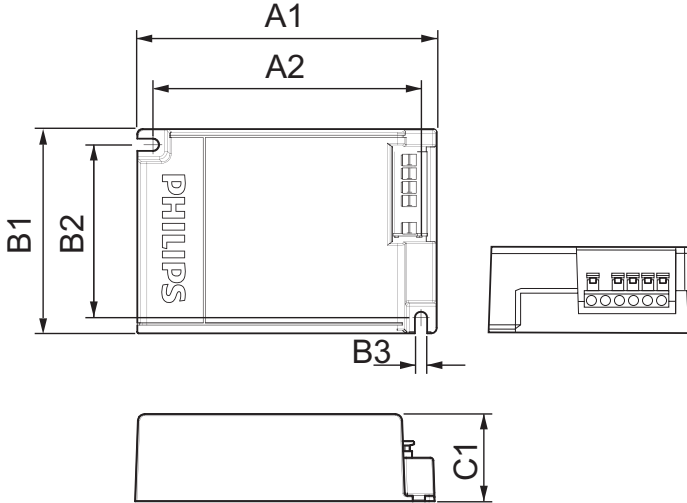
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# HID-CertaVision for CDM

Bar code on  
outerbox - EAN3 8718291182566  
Logistic code(s) -  
12NC 913712007566

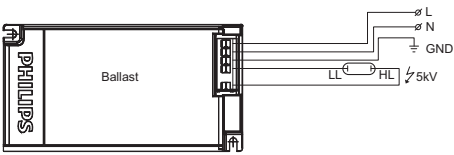
Net weight per piece 0.212 kg

## Dimensional drawing



## HID-CV 50 /S CDM 220-240V

| Product                   | A1 (Norm) | A2 (Norm) | B1 (Norm) | B2 (Norm) | B3 (Norm) | C1 (Norm) |
|---------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| HID-CV 50 /S CDM 220-240V | 110.0     | 98.5      | 75.0      | 63.7      | 4.5       | 32.1      |



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data subject to change