# **PHILIPS** Lighting



# **Xtreme drivers for the highest reliability**

# PrimaVision Xtreme for CDO

Highly reliable electronic drivers for CDO lamps; designed to save energy by offering better light efficiency than magnetic drivers and to reduce maintenance costs thanks to 80,000-hour lifetime and integrated lightning protection

## Benefits

- Together with the CDO lamp the driver creates efficient white-light with best initial cost
- Up to 10% energy saving due to the high driver efficiency (92%) and better wattage control at overvoltage (compared with magnetic ballasts)
- Minimizes maintenance cost due to the Xtreme lifetime of 80,000 hours and integrated lightning protection

## Features

- Xtreme long lifetime of 80,000 hours, with minimum 90% survival at Tc = 80 °C)
- $\cdot$  Xtreme lightning protection 10 kV/5 kA
- $\cdot$  Xtreme protection against humidity and vibration
- Better lighting efficiency than magnetic ballasts
- $\cdot$  Accurate lamp power stabilization of 95-97% over wide mains-voltage range of 180-300 V

## Application

- Residential lighting
- $\cdot$  City beautification
- $\cdot$  Road/highway lighting

# **PrimaVision Xtreme for CDO**

# Versions







D1 C1

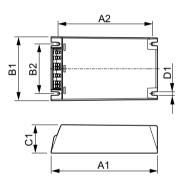
HID-PV Xt 45 & 60 CPO Q

HID-PV Xt 90 CPO Q

HID-PV Xt 140 CPO Q

Product

# Dimensional drawing



| Controls and Dimming     |               |
|--------------------------|---------------|
| Regulating Level         | -             |
|                          |               |
| Operating and Electrical |               |
| Input Frequency          | 50 to 60 Hz   |
| Input Voltage            | 208-240-277 V |
|                          |               |
| General Information      |               |
| Number Of Lamps          | 1 piece/unit  |
| Lamp Type                | CDO           |
|                          |               |
| Mechanical and Housing   |               |
| Housing                  | Q             |
|                          |               |

#### **General Information**

| Order Code   | Full Product Name | Number Of Products On MCB (16A Type B) (Nom) |
|--------------|-------------------|--|
| 913700690966 | PV Xt Q 70W CDO   | 11   |
| 913700691066 | PV Xt Q 100W CDO  | 5  |

| PV Xt Q 70W CDO  | 4.5 mm | 40.0 mm | 150.0 mm | 133.6 mm | 90.0 mm | 70.0 mm |
|------------------|--------|---------|----------|----------|---------|---------|
| PV Xt Q 150W CDO | 4.5 mm | 40.0 mm | 150.0 mm | 133.6 mm | 90.0 mm | 70.0 mm |
| PV Xt Q 100W CDO | 4.5 mm | 40.0 mm | 150.0 mm | 133.6 mm | 90.0 mm | 70.0 mm |

A2

B1

B2

A1

| Order Code   | Full Product Name | Number Of Products On MCB (16A Type B) (Nom) |
|--------------|-------------------|--|
| 913700691166 | PV Xt O 150W CDO  | 5  |

#### System characteristics

# **PrimaVision Xtreme for CDO**

| Order Code   | Full Product Name | Lamp Power On CDO | Rated Ballast-Lamp Power |
|--------------|-------------------|-------------------|--------------------------|
| 913700690966 | PV Xt Q 70W CDO   | 73 W              | 70 W                     |
| 913700691066 | PV Xt Q 100W CDO  | 100 W             | 100 W                    |

| Order Code   | Full Product Name | Lamp Power On CDO | Rated Ballast-Lamp Power |
|--------------|-------------------|-------------------|--------------------------|
| 913700691166 | PV Xt Q 150W CDO  | 147 W             | 150 W                    |



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