



# Xtreme drivers for maximum energy savings

## DynaVision Programmable Xtreme for CPO

Highly reliable and flexible electronic drivers for CPO lamps; designed to save on energy costs via integrated controls and to reduce maintenance costs thanks to 80,000-hour lifetime and integrated lightning protection. The DynaVision Programmable product family is the perfect basis for any sort of lighting management solution.

### Benefits

- Enables 2-way communication with the lighting network (via DALI)
- Minimizes maintenance cost due to the Xtreme lifetime of 80,000 hours and the integrated lightning protection
- Together with the CPO lamp the driver creates the most efficient white-light system in the industry in its power range

### Features

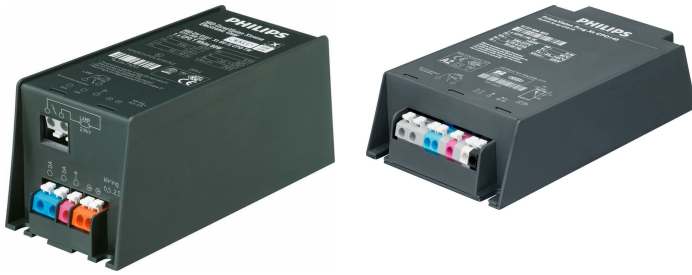
- Programmable by means of standard digital interface (DALI) and controllable via DALI protocol
- Integrates several control options (DynaDimmer, LineSwitch, AmpDim, Constant Light Output, Adjustable Light Output )
- Longest lifetime for electronic drivers: 80,000 hours with minimum 90% survival at  $T_c = 80\text{ }^\circ\text{C}$
- Xtreme lightning protection 10 kV/5 kA
- Accurate lamp power stabilization of 95-97% over wide mains-voltage range of 180-300 V

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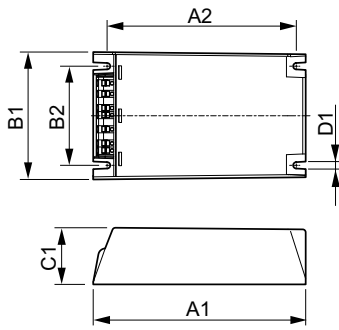
## Application

- Road lighting
- Residential lighting
- City beautification

## Versions



## Dimensional drawing



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### Product

HID-DV PROG Xt 140 CPO Q 208-277V

Product	D1	C1	A1	A2	B1	B2
HID-DV PROG Xt 90	5.0 mm	65.0	150.0	135.9	65.0	46.8
CPO C1 208-277V		mm	mm	mm	mm	mm

# DynaVision Programmable Xtreme for CPO

## Operating and Electrical

Input Frequency	50 to 60 Hz
Input Voltage	208-240-277 V

## General Information

Number Of Products On MCB (16A Type B) (Nom)	5
Number Of Lamps	1 piece/unit
Lamp Type	CPO

## Controls and Dimming

Order Code	Full Product Name	Regulating Level
20455800	HID-DV PROG Xt 90 CPO C1 208-277V	50%-100%

Order Code	Full Product Name	Regulating Level
24153900	HID-DV PROG Xt 140 CPO L1 208-277V	-

## Mechanical and Housing

Order Code	Full Product Name	Housing
20455800	HID-DV PROG Xt 90 CPO C1 208-277V	C1

Order Code	Full Product Name	Housing
24153900	HID-DV PROG Xt 140 CPO L1 208-277V	Q

## System characteristics

Order Code	Full Product Name	Lamp Power On CPO	Rated Ballast-Lamp Power
20455800	HID-DV PROG Xt 90 CPO C1 208-277V	90 W	90 W

Order Code	Full Product Name	Lamp Power On CPO	Rated Ballast-Lamp Power
24153900	HID-DV PROG Xt 140 CPO L1 208-277V	140 W	140 W

