



# Xtreme drivers for maximum energy savings

## DynaVision Programmable Xtreme for SON

Highly reliable and flexible electronic drivers for SON lamps; designed to save energy 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)
- Up to 40% energy saving due to the integrated dimming options and very high driver efficiency
- Minimises maintenance cost due to the Xtreme lifetime of 80,000 hours and integrated lightning protection

### Features

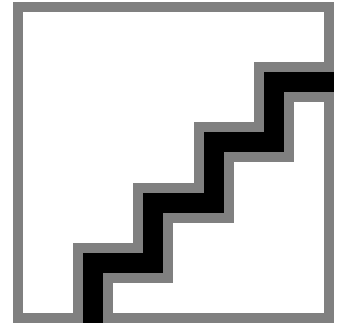
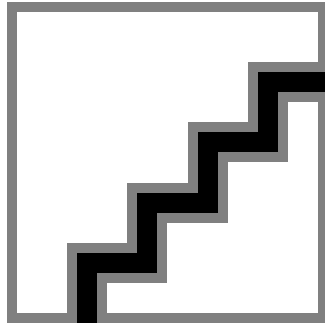
- Programmable by means of standard digital interface (DALI) and controllable via DALI protocol
- Integrates several control options (DynaDimmer, LineSwitch, AmpDim, Constant Light Output, Adjustable Light Output )
- Xtreme long lifetime of 80,000 hours with minimum 90% survival at  $T_c = 80\text{ }^\circ\text{C}$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

### Application

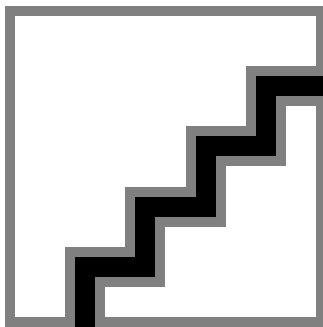
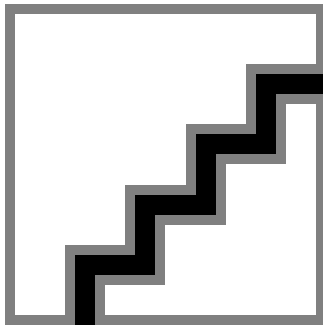
- Road/highway lighting
- Residential lighting
- City beautification

# DynaVision Programmable Xtreme for SON

## Versions



## Dimensional drawing



Product	D1	C1	A1	A2	B1	B2
HID-DV PROG Xt 70	4.5 mm	40.0	150.0	133.6	90.0	70.0
SON Q 208-277V		mm	mm	mm	mm	mm
HID-DV PROG Xt 100	4.5 mm	40.0	150.0	133.6	90.0	70.0
SON Q 208-277V		mm	mm	mm	mm	mm
HID-DV PROG Xt 150	4.5 mm	40.0	150.0	133.6	90.0	70.0
SON Q 208-277V		mm	mm	mm	mm	mm
HID-DV PROG Xt 50	4.5 mm	40.0	150.0	133.6	90.0	70.0
SON Q 208-277V		mm	mm	mm	mm	mm

Product	D1	C1	A1	A2	B1	B2
HID-DV PROG Xt 150	5.0 mm	65.0	150.0	135.9	65.0	46.8
SON C1 208-277V		mm	mm	mm	mm	mm
HID-DV PROG Xt 100	5.0 mm	65.0	150.0	135.9	65.0	46.8
SON C1 208-277V		mm	mm	mm	mm	mm
HID-DV PROG Xt 70	5.0 mm	65.0	150.0	135.9	65.0	46.8
SON C1 208-277V		mm	mm	mm	mm	mm

### 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	SON

## Controls and Dimming

Order Code	Full Product Name	Regulating Level
21222500	HID-DV PROG Xt 70 SON C1 208-277V	29%-100%

Order Code	Full Product Name	Regulating Level
21224900	HID-DV PROG Xt 100 SON C1 208-277V	20%-100%

## DynaVision Programmable Xtreme for SON

Order Code	Full Product Name	Regulating Level
21226300	HID-DV PROG Xt 150 SON C1 208-277V	20%-100%
66924100	HID-DV PROG Xt 50 SON Q 208-277V	50%-100%
66926500	HID-DV PROG Xt 70 SON Q 208-277V	29%-100%

Order Code	Full Product Name	Regulating Level
66928900	HID-DV PROG Xt 100 SON Q 208-277V	20%-100%
66930200	HID-DV PROG Xt 150 SON Q 208-277V	20%-100%

### General Information

Order Code	Full Product Name	Life To 95% Survivors At T-Case Life	Number Of Products On MCB (16A Type B) (Nom)
21222500	HID-DV PROG Xt 70 SON C1 208-277V	60000 h	11
21224900	HID-DV PROG Xt 100 SON C1 208-277V	-	5
21226300	HID-DV PROG Xt 150 SON C1 208-277V	-	5
66924100	HID-DV PROG Xt 50 SON Q 208-277V	-	11

Order Code	Full Product Name	Life To 95% Survivors At T-Case Life	Number Of Products On MCB (16A Type B) (Nom)
66926500	HID-DV PROG Xt 70 SON Q 208-277V	-	11
66928900	HID-DV PROG Xt 100 SON Q 208-277V	-	5
66930200	HID-DV PROG Xt 150 SON Q 208-277V	-	5

### Mechanical and Housing

Order Code	Full Product Name	Housing
21222500	HID-DV PROG Xt 70 SON C1 208-277V	C1
21224900	HID-DV PROG Xt 100 SON C1 208-277V	C1
21226300	HID-DV PROG Xt 150 SON C1 208-277V	C1
66924100	HID-DV PROG Xt 50 SON Q 208-277V	Q

Order Code	Full Product Name	Housing
66926500	HID-DV PROG Xt 70 SON Q 208-277V	Q
66928900	HID-DV PROG Xt 100 SON Q 208-277V	Q
66930200	HID-DV PROG Xt 150 SON Q 208-277V	Q

### System characteristics

Order Code	Full Product Name	Lamp		
		Power On CDO	Lamp Power On SON	Rated Ballast-Lamp Power
21222500	HID-DV PROG Xt 70 SON C1 208-277V	-	70 W	70 W
21224900	HID-DV PROG Xt 100 SON C1 208-277V	-	98 W	100 W
21226300	HID-DV PROG Xt 150 SON C1 208-277V	-	147 W	150 W
66924100	HID-DV PROG Xt 50 SON Q 208-277V	-	50 W	50 W

Order Code	Full Product Name	Lamp		
		Power On CDO	Lamp Power On SON	Rated Ballast-Lamp Power
66926500	HID-DV PROG Xt 70 SON Q 208-277V	-	70 W	70 W
66928900	HID-DV PROG Xt 100 SON Q 208-277V	-	98 W	100 W
66930200	HID-DV PROG Xt 150 SON Q 208-277V	-	147 W	150 W

