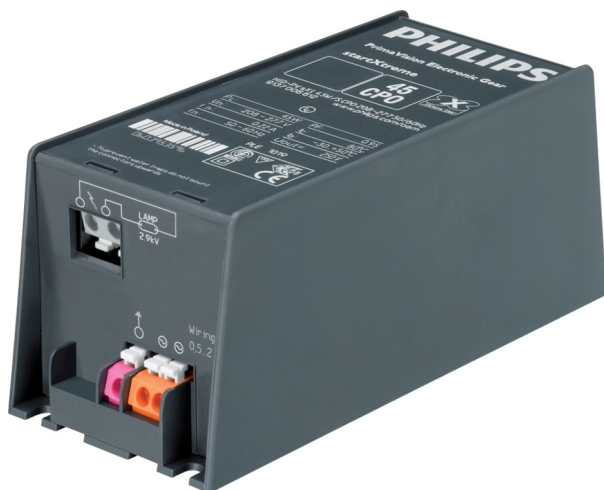




DynaVision LumiStep Xtreme for CPO

HID-DV LS-8 Xt 45 CPO C1 208-277V

Highly reliable electronic drivers for CPO lamps; designed to save energy via integrated one-step dimming and to reduce maintenance costs thanks to 80,000-hour lifetime and integrated lightning protection

Product data

• General Characteristics

Interface	LS-8
Rated Lamptype	CPO
Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	45
Line Voltage	208-277 V [208-240-277]
Line Current	0.26 A
Line Frequency	50/60 Hz
Housing	C1
IP Classification	34
Luminaires	
Suitable for Outdoor use?	Yes
Lifetime 90% surv.@Tcaselife	80000 hr

• Operating Characteristics

Default Lamp selected	-
Programmable lamp settings	-
Pre-set integrated controls	-
Programmable dimming options	-
Automatic restart	Yes
Ignition switch-off time	20 (max) min
Ignition Voltage	5 (max) kV
Operating frequency *	0.40 kHz
Mains voltage safety (AC)	160-305V

Mains voltage performance (AC)	188-305V
Min. Mains voltage operational	172 (min) V
Output peak voltage	250 (max) V
Inrush current Peak	28 (max) A
Inrush current Width	0.24 ms
Earth leakage current	0.7 (max) mA
Lamp Power Tolerance	-3%/+3%
Run-Up Time before Dimming	5 min
Fade Rate Down	0.6 %/sec
Fade Rate Up	6 %/sec
PowerFactor 100% output power	0.96 -
Power Factor (dimmed 50%)	0.93 (min) -
Overvoltage protection 320Vac	48 hr
Overvoltage protection 350Vac	2 hr
Control input protection	Yes (Basic insulation)
Max ballast on MCB(16A type B)	11 x
Hum and Noise level	< 30 dB(A)
Regulating level	58%-100%

• Wiring Characteristics

Cable-Cap output-wires mutual	1000 pF
Connector type	WAGO series 804
Max. cable length	10 m
Device/Lamp Striplength	10.0-11.0 mm

PHILIPS

DynaVision LumiStep Xtreme for CPO

Wcs Ballast contacts 0.50-2.50 mm2

• System Chars on driver level

Rated Lamp Power 45
on CPO
System Power on 51
CPO
Lamp Power on CPO 45
Power Loss on CPO 6
Power Loss on CPO 4.5
at Dim Power

• Temperature Characteristics

Active temperature protection Yes
F-marking Yes
T-case life 80 C
T-case switch-off 92 (min) C
T-ambient -30 (min), 50 (max) C
T-storage -30 (min), 50 (max) C

• Product Dimensions

Length A1 150.0 mm
Fixing Hole Distance 135.9 mm
Length A2
Width B1 65.0 mm
Fixing Hole Distance 46.8 mm
Width B2
Height C1 65.0 mm
Fixing Hole Diameter D1 5.0 mm

• Approval & Application Chars

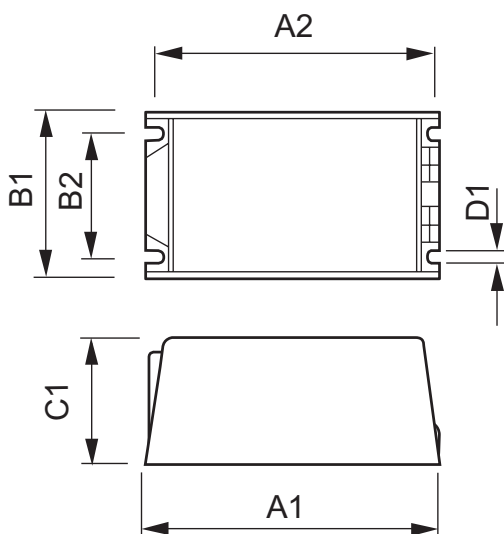
EMI 9 kHz ... 300MHz CISPR 15 ed 7.2
EMI 30 MHz .. - [Not specified]
1000MHz
Safety Standard IEC 607, 609, 926, 928 [No Standard for HID Lamp drivers exists. Requirements in these standards to be used if considered relevant for the product.]

Quality Standard ISO 9000:2000
Environmental Standard ISO 14001
Harmonic current emissions IEC 61000-3-2
Vibrations IEC 68-2-6 Fc (10-150Hz, 2G)
Bumps IEC 68-2-29 Eb (10G/16ms)
Humidity EN 61347-2-12 clause 11
Approval marks ENEC / VDE-EMV
CE marking Yes
ENEC certificate No
VDE certificate No
VDE-EMV certificate No
ICEUR certificate No
Surge Protection EN61547 (L-L 2kV, L-G 4kV), 10kV TIL
CB Certificate No

• Product Data

Order code 913700682166
Full product code 913700682166
Full product name HID-DV LS-8 Xt 45 CPO C1 208-277V
Order product name HID-DV LS-8 Xt 45 CPO C1 208-277V
Pieces per pack 1
Packing configuration 12
Packs per outerbox 12
Bar code on pack - EAN1 8718291219897
Bar code on outerbox - EAN3 8718291219903
Logistic code(s) - 12NC 913700682166
Net weight per piece 0.950 kg

Dimensional drawing

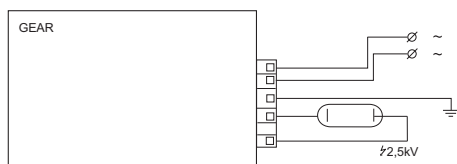


HID-DV LS-8 Xt 45 CPO C1 208-277V

Product A1 (Norm) A2 (Norm) B1 (Norm) B2 (Norm) C1 (Norm) D1 (Norm)

Dimensional drawing

HID-DV LS-8 Xt 45 CPO C1 208-277V 150.0 135.9 65.0 46.8 65.0 5.0



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2014, July 27
data subject to change