



HID-PV/DV economy for CPO-CDM

HID-PV E 70 /S CDM 220-240V 50/60Hz

Certavision driver is an electronic driver for CPO or CDM Elite MW lamps – helps create an efficient white-light system.

Product data

General information	
Lamp type	CDM
Suitable for outdoor use	Yes
Number of products on MCB (16 A type-C) (nom.)	20 piece/unit
Automatic restart	Yes
Operating and electrical	
Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Minimum mains voltage operation (min.)	180 V
Operating frequency (nom.)	50-60 kHz
Power factor 100% load (nom.)	0.95
Ignition voltage (max.)	5 kV
Ignition voltage (min.)	3 kV
Ignition switch-off time (nom.)	20 min
Mains voltage performance (AC)	198-254V
Mains voltage safety (AC)	180-264V
Earth leakage current (max.)	0.5 mA
Output peak voltage (max.)	250 V
Inrush current width	0.33 ms
Lamp power tolerance	-3%/+3%

Input current (nom.)	0.2 A
Inrush current peak (max.)	33 A
Wiring	
Cable capacity output wires mutual (nom.)	150 pF
Cable length from device to lamp	2 m
Ballast contact wire cross section	0.75-2.50 mm ²
System characteristics	
Rated ballast-lamp power	70 W
Temperature	
T-ambient (max.)	55 °C
T-ambient (min.)	-20 °C
T storage (max.)	85 °C
T storage (min.)	-25 °C
T-case lifetime (nom.)	85 °C
T-case lifetime (nom.)	85 °C
T-case switch off (min.)	95 °C

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Controls and dimming	
Control input protection	Yes (Basic insulation)
Mechanical and housing	
Housing	/S
Approval and application	
Surge protection (common/differential)	EN61547(L-L 1kV, L-G 2kV) kV
IP luminaire classification	Not Specified
Overvoltage protection 400 VAC	5 min
Active temperature protection	Yes
EMI 9 kHz ... 300 MHz	CISPR 15 ed 7.2 / 2009
EMI 30 MHz ... 1,000 MHz	CISPR15 Edition 7.2
Safety standard	IEC 61347-2-11
Quality standard	ISO 9000:2000
Environmental standard	ISO 14001
Harmonic current emission standard	Not Specified
Vibration standard	IEC 68-2-6 Fc (10-150Hz, 2G)

Bumps standard	IEC 68-2-29 Eb (10G/16ms)
Humidity standard	IEC 928-13
Approval marks	CE marking
Humming and noise level	20 dB(A)
Product data	
Full product code	871869642008900
Order product name	HID-PV E 70 /S CDM 220-240V 50/60Hz
EAN/UPC – product	8718696420089
Order code	913712008566
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	913712008566
Net Weight (Piece)	0.240 kg

Dimensional drawing

A1

Product	D1	C1	A1	A2	B1	B2
HID-PV E 70 /S CDM 220-240V 50/60Hz	4 mm	31.6 mm	109.8 mm	98.7 mm	74.8 mm	63.7 mm

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