



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 (16A 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 Switch Off (Min)	95 °C
Controls and Dimming	
Control Input Protection	Yes (Basic insulation)

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Mechanical and Housing	
Housing	/S

Approval and Application	
Surge Protection (Common/Differential)	EN61547 (L-L 1kV, L-G 2kV) kV
IP Classification Luminaire	Not Specified
Overvoltage Protection 400Vac	5 min
Active Temperature Protection	Yes
EMI 9 kHz ... 300 MHz	CISPR 15 ed 7.2 / 2009
EMI 30 MHz ... 1000 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
Hum 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
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	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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