



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)	20 piece/unit		
(Nom)			
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 mm²
System characteristics	
Rated Ballast-Lamp Power	70 W
Temperature	
T-Ambient (Max)	55 °C
T-Ambient (Min)	-20 ℃
T-Storage (Max)	85 °C
T-Storage (Min)	-25 °C
T-Case Lifetime (Nom)	85 °C
T-Case Switch Off (Min)	95 ℃
Controls and Dimming	
Control Input Protection	Yes (Basic insulation)
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Datasheet, 2020, March 19 data subject to change

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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

Α1

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

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