



PrimaVision Economy for CDM lamps

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

Single CDM lamp operation, single HID electronic gear – improves cost effectiveness and increases luminaire design flexibility

Product data

General information		Wiring	
Type version	-	Inrush current peak (max.)	33 A
Lamp type	CDM	Output voltage	- V
Number of lamps	1 piece/unit	Efficiency at full load [%]	91.2 %
Number of products on MCB (16 A type B) (nom.)	20	Wiring	
Automatic restart	Yes	Cable capacity output wires mutual (nom.)	120 pF
Operating and electrical		Cable length from device to lamp	2 m
Input Voltage	220 to 240 V	Ballast contact wire cross section	0.50-1.50 mm ²
Input frequency	50 to 60 Hz	Connector type	Insert
Minimum mains voltage operation (min.)	180 V	System characteristics	
Operating frequency (nom.)	45-66 kHz	Rated ballast-lamp power	70 W
Power factor 100% load (nom.)	0.95	Temperature	
Ignition type	Pulse	T-ambient (max.)	50 °C
Ignition voltage (max.)	5.0 kV	T-ambient (min.)	-20 °C
Ignition voltage (min.)	3.0 kV	T storage (max.)	80 °C
Mains voltage performance (AC)	-8%+6%	T storage (min.)	-25 °C
Mains voltage safety (AC)	180-264V	T-case lifetime (nom.)	80 °C
Inrush current width	0.33 ms	T-case lifetime (nom.)	80 °C
Constant wattage deviation	Not specified	T-Case maximum (max.)	80 °C
Power losses (nom.)	7 W		

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Mechanical and housing	
Housing	/S

Approval and application	
Active temperature protection	No
EMI 30 MHz ... 1,000 MHz	CISPR15 Edition 7.2
Vibration standard	IEC68-2-6 F c
Bumps standard	IEC 68-2-29 Eb
Approval marks	CE marking ENEC certificate VDE certificate
Surge test installation level	EN61547
Surge test performance criteria	Not specified
Humming and noise level	37 dB(A)

Product data	
Full product code	871829118419500
Order product name	HID-PV E 70 /S CDM 220-240V
EAN/UPC – product	8718291184195
Order code	18419500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	913700680966
Net Weight (Piece)	0.215 kg

Dimensional drawing

A1

Product	D1	C1	A1	A2	B1	B2
HID-PV E 70 /S CDM 220-240V	4.9 mm	32.2 mm	109.6 mm	98.5 mm	74.4 mm	63.7 mm

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