



AspiraVision Compact for CDM

HID-AV C 35-70 /S CDM 220-240V 50/60Hz

AspiraVision is the mark of excellence in HID electronic gear technology – high-end, compact, lightweight and easy to use, with added features for optimal performance of 35, 50 and 70 W CDM lamps. The recently added switching function provides maximum flexibility for users by integrating three different wattage choices into a single driver.

Product data

General Information	
Application code	-
Lamp type	CDM
Number of lamps	1 piece/unit
Suitable for outdoor use	No
Number of products on MCB (16 A type B) (nom.)	58
Automatic restart	Yes
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Minimum mains voltage operation (min.)	198 V
Power factor 100% load (nom.)	0.95
Ignition voltage (max.)	5.0 kV
Ignition voltage (min.)	3.0 kV
Ignition switch-off time (nom.)	19 min
Mains voltage performance (AC)	198-254V
Mains voltage safety (AC)	180-264V
Earth leakage current (max.)	0.25 mA

Inrush current width	10 ms
Lamp power tolerance	-3%/+3%
Inrush current peak (max.)	8 A
Wiring	
Cable capacity output wires mutual (nom.)	160 pF
Cable length from device to lamp	2 m
Wire strip length	10.0-11.0 mm
Ballast contact wire cross section	0.75-2.50 mm ²
Connector type	WAGO series 804
System characteristics	
Rated ballast-lamp power	35-70 W
Lamp power on CDM	39-73 W
Power loss on CDM	5-7 W
Temperature	
T-ambient (max.)	55 °C
T-ambient (min.)	-20 °C
T storage (max.)	80 °C

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T storage (min.)	-25 °C
T-case lifetime (nom.)	80 °C
Controls and Dimming	
Control interface	-
Mechanical and Housing	
Housing	/S
Approval and Application	
Surge protection (common/differential)	EN61547 (L-L 2kV, L-G 4kV) 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
Safety standard	EN 61347-2-12 and 2-1
Quality standard	ISO 9000:2000
Environmental standard	ISO 14001
Harmonic current emission standard	IEC 61000-3-2
Vibration standard	IEC68-2-6 F c

Bumps standard	IEC 68-2-29 Eb
Humidity standard	IEC 60928 clause 13
Approval marks	F-Marking CE marking ENEC certificate VDE certificate CB Certificate VDE-EMC marking
Humming and noise level	20 dB(A)

Product Data	
Full product code	871829123310700
Order product name	HID-AV C 35-70 /S CDM 220-240V 50/60Hz
EAN/UPC – product	8718291233107
Order code	23310700
Local code	HIDAVTW3570S
Numerator – quantity per pack	1
SAP numerator – packs per outer box	12
Material no. (12 NC)	913700683866
SAP net weight (piece)	0.220 kg

Dimensional drawing

– A?

Product	D1	C1	A1	A2	B1	B2
HID-AV C 35-70 /S CDM 220-240V 50/60Hz	4.5 mm	32.1 mm	110.0 mm	98.5 mm	75.0 mm	63.5 mm

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