



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	
Remarks	UK importer address: Signify Commercial UK Limited, 3, Guildford Business Park, GU2 8XG
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
Efficiency at full load [%]	90.68 %
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

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Temperature	
T-ambient (max.)	55 °C
T-ambient (min.)	-20 °C
T storage (max.)	80 °C
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

Dimensional drawing

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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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