



# AspiraVision Compact for CDM

HID-AV C 70 /C 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 Characteristics

Interface	-
Application code	-
Rated Lamptype	CDM
Rated Number of Lamps	1 piece
Rated Ballast-Lamp Power	70
Line Voltage	220-240 V
Line Current	0.45 A
Line Frequency	50/60 Hz
Housing	/C
Suitable for Outdoor use?	No
Lifetime 90% surv.@Tcaselife	40000 hr

### • Operating Characteristics

Automatic restart	Yes
Ignition switch-off time	19 min
Ignition Voltage	3.0 (min), 5.0 (max) kV
Mains voltage safety (AC)	-18%/+10%
Mains voltage performance (AC)	-10%/+6%
Min. Mains voltage operational	198 (min) V
Output peak voltage	4000 (max) V
Inrush current Peak	8 (max) A
Inrush current Width	10 ms
Earth leakage current	0.25 (max) mA
Lamp Power Tolerance	-3%/+3%
PowerFactor 100% output power	0.95 -

Overvoltage protection 320Vac	48 hr
Overvoltage protection 350Vac	2 hr
Overvoltage protection 400Vac	5 min
Max ballast on MCB(16A type B)	32 x
Hum and Noise level	20 dB(A)

### • Wiring Characteristics

Cable-Cap output-wires mutual	160 pF
Connector type	Wieland
Max. cable length Device/Lamp	2 m
Striplength	10.0-11.0 mm

### • System Chars on driver level

Rated Lamp Power on CDM	73
System Power on CDM	79
Lamp Power on CDM	73
Power Loss on CDM	6

### • Temperature Characteristics

Active temperature protection	Yes
F-marking	Yes
T-case life	80 C
T-case switch-off	85 (min) C
T-ambient	-20 (min), 55 (max) C

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# AspiraVision Compact for CDM

T-storage -25 (min), 80 (max) C

VDE-EMV certificate No  
CB Certificate Yes

## • Product Dimensions

Length A1 162.2 mm  
Fixing Hole Distance 143 mm  
Length A2  
Width B1 83.0 mm  
Height C1 32.4 mm  
Fixing Hole Diameter 4.8 mm  
D1

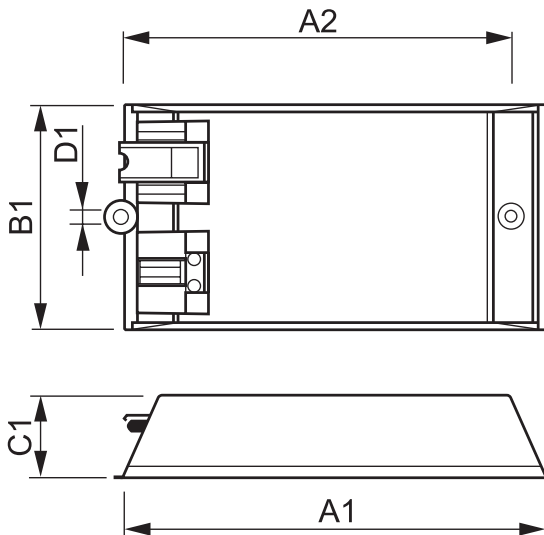
## • Product Data

Order code 913700646966  
Full product code 913700646966  
Full product name HID-AV C 70 /C CDM 220-240V 50/60Hz  
Order product name HID-AV C 70 /C CDM 220-240V 50/60Hz  
Pieces per pack 1  
Packing configuration 12  
Packs per outerbox 12  
Bar code on pack - EAN1 8711500881656  
Bar code on outerbox - EAN3 8727900885231  
Logistic code(s) - 12NC 913700646966  
Net weight per piece 0.342 kg

## • Approval & Application Chars

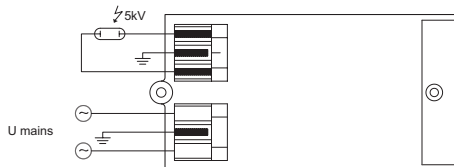
EMI 9 kHz ... 300MHz CISPR 15 ed 7.2  
Vibrations IEC 68-2-6 Fc  
Bumps IEC 68-2-29 Eb  
Humidity EN 61347-2-3 and 2-1  
Approval marks ENEC / CE / VDE-EMC  
CE marking Yes  
ENEC certificate Yes  
VDE certificate Yes

## Dimensional drawing



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

Product	A1 (Norm)	A2 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	D1 (Norm)
HID-AV C 70 /C CDM 220-240V 50/60Hz	162.2	143	83.0	-	32.4	4.8



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2014, April 11  
data subject to change