ACE IP67 16x17mm top-lit 24v DC

LED NEON

Detail | lighting

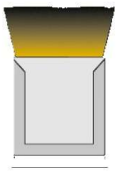
Norms: EN 60598-1, EN 60598-2-1, EN 62471，EN 62493

Product information

CE IP67 CRI>93 3 SDCM

Construction:	PCB in Polyurethane encapsulation
Family Product code:	ACE1617 … complete code builder below
Mounting / Track System:	Surface mounted by clips or profile
Input Voltage (v):	24v
Driver:	On/Off, DALI, 0-10v, Casambi .....select
Light source: luminaire:	COB LED 10w, 14w .....select
Lumens/W:	75 Lm/W
SDCM	2
Lifetime：	30.000h（L80, Ta25°C）
Rotation Angle (degree):	VERTICTAL BENDING
Angle (degree):	Fixed
IP Rating:	67
Sustainable / maintenance:	Replaceable driver
Temperature (°C) Material:	-20 ~+45
Fitting Colours:	Clear
Weight: (Kg):	0.5/m

Beam °	10w/m	14w/m
130°	750 LM	1050LM



Code composition example： **ACE1617 - D- 10 - 4K –N/A-800- S-AP**

(A) (B) (C) (D) (E) (F) (G) (H)

A- Product		B- Dimming type	C- Wattage (w)	D – Colour temp. (k)	E – Beam angle °	F – Length mm	G – Cable entry	H – Accessory 2
ACE1617		N = No dimming	10w	3000k = 3K	N/A	800	Front feed = F	Alu profile = AP
		D = DALI	14w	4000k = 4K		(See p.2)	Side Feed = S	Fixing clips = FC
		K = 0-10V					Bottom feed = B	
		C = CASAMBI					(See p.2)	

Repair WHY REPLACE?

- Repair key components
- Upgrade to latest spec. (all brands)
- Avoid embodied carbon
- Responsible recycling

WEEE: M0235AA

sales@detaillighting.co.uk

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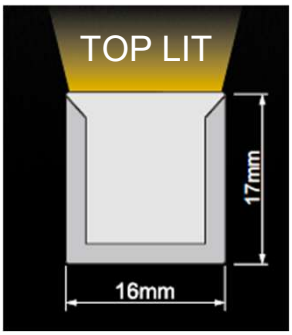
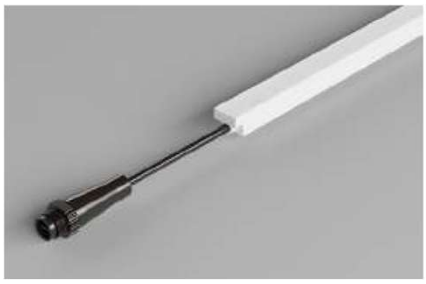
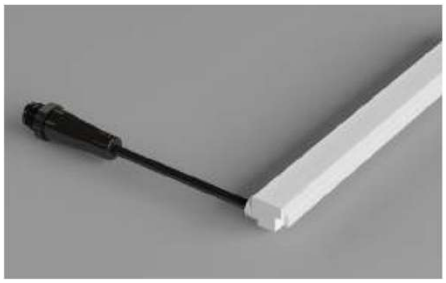


15m (FED ONE END) 10/W

Factory sealed (seamless connections)



Front feed



Side feed

Bottom feed

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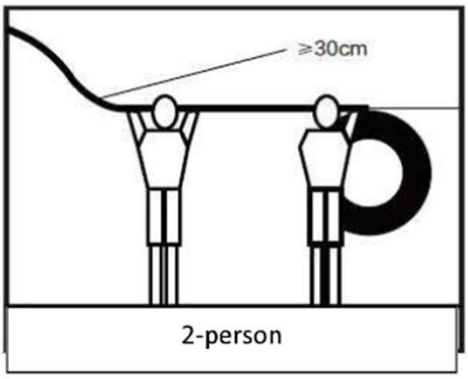
Aluminium Profile
Order Code: AC010-AP
Dimension: 1000x12.4x12.9m m/39.37"x0.49"x0.51"(LxWxH)
Material: aluminium
Color: silver

Mounting Clips
Order Code: AC005-SET
Dimension: 8x12.1x7.7mm/ 0.31"x0.48"x0.3"(LxWxH)
Material: stainless steel
Color: silver
Each meter of LED strip needs 3 clips + 3 screws + 2 end caps

Holding Clips
Order Code: AC005-HC
Dimension: 28.6x10x12.5mm/ 1.13"x0.39"x0.49"(LxWxH)
Material: silicone
Color: opal
Each meter of LED strip needs 3 clips + 6 screws

IP67 Connector 2Pin
Order code: AD002-2
Wire gauge: 0.33mm^2/22AWG
Protection: IP67(Mated)

HANDLING



DO not pull

Do not allow the tape to sag or hang, as this can damage the electrical connections within it.

Please observe the following points when installing LED tape. The reliability of the LED is directly related to the standard of installation.

1) Ensure a suitable location is identified for the driver. It is advisable to use a driver with at least 25% more capacity (wattage) than the load it is driving. It is also advisable to locate the driver as close to the LED as reasonably possible.
2) LED tape is 'constant voltage' and as such is always wired in parallel.
3) For runs in excess of 5m in total, it is necessary to power the tape from both ends. (SEE BELOW DIAGRAM)
4) Keep all DC cables as short as practicably possible to avoid 'volt drop'.
5) **Do not hit or press the LED tape to avoid damage to the chips and current limiting resistors.**
6) Do not allow the tape to hang or sag, as strain can damage it. Tape should never be under stress or strain – never under tension.
7) Always mount the LED on a metallic surface to prevent overheating. Ensure the mounting surface is clean and free of grease, oil and contamination.
8) Never bend, crease or fold the LED tape – doing so can cause ' dark spots' between cut points.
9) If the LED is being mounted in a damp location, ensure IP rated connections are used – we recommend gel filled connectors.
10) If the driver has an earth wire or terminal, this must be used.

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DRIVER TABLE		
8w non dim		DT.APC-8-700
24w non dim		DT.EPV-24-24
40w non dim		DT.EPV-40-24
60w non dim		DT.EPV-60-24
100w non dim		DT.EPV-100-24
150w non dim		DT.SL-VB-24150D020
240w non dim		DT.HLG-240H-24A

15w MAINS DIM - 24V (LEADING & TRAILING EDGE)	DT.ELED-15-24T
30w MAINS DIM - 24V (LEADING & TRAILING EDGE)	DT.ELED-30P-24T
60W MAINS DIM - 24V (LEADING & TRAILING EDGE)	DT.ELED-60P-24T
100W MAINS DIM - 24V (LEADING & TRAILING EDGE)	DT.ELED-100P-24T
150W MAINS DIM - 24V (LEADING & TRAILING EDGE)	DT.ELED-150P-24T
200W MAINS DIM - 24V (LEADING & TRAILING EDGE)	DT.ELED-200P-24T
300W MAINS DIM - 24V (LEADING & TRAILING EDGE)	DT.ELED-300P-24T
360w MAINS DIM - 24V (LEADING & TRAILING EDGE)	DT.ELED-360P-24T

20w 0-10v DIM - 24V	DT.ELED-20-24V
45w 0-10v DIM - 24V	DT.ELED-45-24V
60W 0-10v DIM - 24V	DT.ELED-60-24V
100W 0-10v DIM - 24V	DT.ELED-100-24V
200W 0-10v DIM - 24V	DT.ELED-200-24V
300w 0-10v DIM - 24V	DT.ELED-300-24V

30w DALI drivers - 24v	DT.ELED-30-24DP2
60w DALI drivers - 24v	DT.ELED-60-24DP2
100w DALI drivers - 24v	DT.ELED-100-24DP2
200w DALI drivers - 24v	DT.ELED-200-24DP2
360w DALI drivers - 24v	DT.ELED-360-24DP2