



## DURAstrip Hivolt Arch Dimmable - 120V

### Typology

Mains voltage strip, dimmable.

### Features

Dimmable version supplied with TRIAC soft dimming achieved with the built in control Chip.

Strip protected from over voltage & and overheating failure in each 2.30 cm strip segment.

System features miniature electrical connections and a closing end cap similar to the main strip.

Supplied already cut and wired in the requested measurement, may be provided with IP40 or IP65 rating depending on the installation environment.

WARNING: the cutting pitch is 203 mm.

### Installation

We recommend to order the assembly clips considering to use 4 clips for every metre. Any particular requests will be specified in the project form.

### Material

Fitted with latest generation weatherproof and UV resistant Extruded PVC body for exterior use. Finished with white base and sides along with a transparent upper screen for a clean light emission.

### Usage information

230V: Dimmable TRIAC leading edge 10-100%

120V: Dimmable ELV 10-100%

See compatible dimmer's list.

### Accessories

PC clip for anchoring.

### Packaging

Supplied already cut to measures.

Complete with a cable of 1.50 m (black) equipped with a Schuko plug (full collar Schuko IP44) or supplied with free wires (IP65).

### LED

Lifetime: internal use >50,000h; external use>35,000h

### Colour of the light

Choice of white colour temperatures.

### Binning

ANSI/SDCM: 3 step 1 bin.

### Connections

Up to 50 metres with a single power supply.



120 Vac

Ra >90



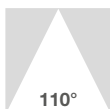
35000 h  
L70B20

IP40/65

Connector  
/ Free terminals

-25°C  
+35°C

Risk  
Group 0

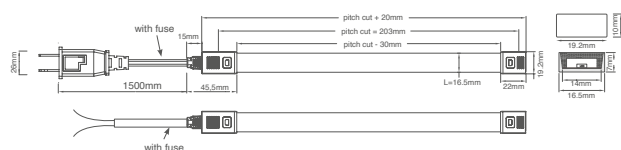


### Characteristic data

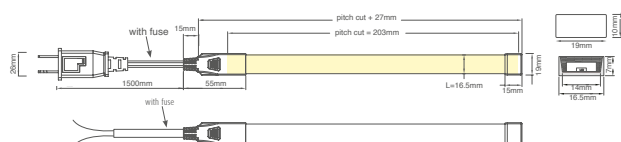
Beam	110°	Dimmable	Yes	Input	120 Vac	Base	Connector/Free terminals
IP	40/65	Tc	3500 K	Ra	>90	LED Warranty	G3
RG	RG0						

## Dimensional characteristics

DURASTRIP HiVolt ARCH DIMMABLE - 120V - IP40 Terminal "IN" with plug or free wires



DURASTRIP HiVolt ARCH DIMMABLE - 120V - IP65 Terminal "EX" with plug or free wires



L	1000 mm
L1	16.5 mm
H	7 mm

Cutting pitch	203 mm
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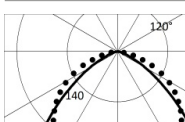
## Lighting and photometric features

Beam opening	110°
Nominal flux per mt	1050 lm/m
CCT nominal colour temperature	3500 K
Colour of the light	Natural warm light
Colour rendering index	>90
Lifespan	35000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light
Mercury	0 mg

## Electrical characteristics

Input voltage	120 Vac
Frequency	60 Hz
Dimmable	Yes
Energy efficiency class	This product contains a light source of energy efficiency class "F"
Number of cycles	100000
Operating temperature	-25°C / +35°C
Operating position	360°

## Photometry

	3500K	H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)	
	Ra90		102°	111°		
	Fixture Power	12W	1	2.46	2.91	400
	Source Flux	1050lm	2	4.92	5.82	100
	Fixture Flux	1050lm	3	7.37	8.73	44
	Efficacy	88lm/W	4	9.83	11.64	25
	950392    I <sub>max</sub> =381cd/klm	I <sub>max</sub>	400cd	5	12.29	14.55

EulumDat file on the site

## LED Warranty

G3	Up to 3 years (4000h/year) *4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
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## European Directives

2009/125/EC \* Ecodesign  
2011/65/EU \* RoHS  
2012/19/EU \* RAEE  
2014/30/EU \* EMC  
2014/35/EU \* LVD  
2015/863 \* Amending RoHS  
2017/1369 \* Regulation for Energy Labelling  
2019/2015 \* Regulation for Energy Labelling  
2019/2020 \* Regulation for Ecodesign  
2021/340 \* Amending Reg. Energy Labelling  
2021/341 \* Amending Reg. Ecodesign

## Product standards

CEI EN 55015:2020 (+A11:2020)  
CEI EN 60968:2016  
CEI EN 61000-3-2:2019 (+A1:2021)  
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)  
CEI EN 61547:2010  
CEI EN 62031:2021 (+A11:2022)  
CEI EN 62471:2010  
IEC/TR 62471-2:2009  
CEI EN 62560:2013 (+A1:2017/+A11:2020)  
CEI 34-141:2014

## Logistics data

Minimum order quantity	1
Minimum packaging	1 / 1