

DURASTRIP HIVOLT DIM TO WARM - 120V

Typology

LED strip at mains.

Features

Mains voltage strips, 120V with possibility of varying the colour temperature. 2700K to 6500K version to be able to take advantage of all of the potential white shades and vary the atmosphere of the areas. Version from 1800K to 3000K for warm, welcoming and relaxing atmospheres: this strip warms up the colour of the light, lowering the colour temperature.

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

Dimmable ELV

Accessories

Mounting clips.

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

CCT: 2700K --> 6500K
DIM TO WARM: 1800K --> 3000K

Binning

ANSI/SDCM: 3 step 1 bin.

Connections

Up to 50 metres with a single power supply.



120 Vac

Ra >90



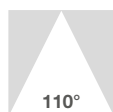
35000 h
L70B20

IP40/65

Connector
/ Free terminals

-25°C
+35°C

Risk
Group 0



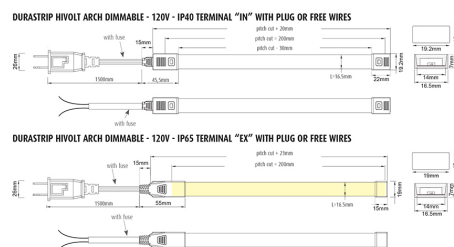
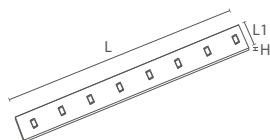
110°



Characteristic data

Beam	110°	Dimmable	Yes	Input	120 Vac	Base	Connector/Free terminals
IP	40/65	Tc	1800-3000 K	Ra	>90	LED Warranty	G3
RG	RG0						

Dimensional characteristics



L	1000 mm
L1	16.5 mm
H	7 mm

Cutting pitch	200 mm
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Lighting and photometric features

Beam opening	110°
Nominal flux per mt	950 lm/m
CCT nominal colour temperature	1800-3000 K
Colour of the light	CTA
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

Electrical characteristics

Input voltage	120 Vac
Frequency	60 Hz
Dimmable	Yes
Number of cycles	100000
Operating temperature	-25°C / +35°C
Operating position	360°

Photometry

	3000K	H(m)	D(m)	Emax(lx)	
	Ra90		108°		
	Fixture Power	12W	1	2.73	345
	Source Flux	950lm	2	5.47	86
	Fixture Flux	950lm	3	8.20	38
	Efficacy	79lm/W	4	10.94	22
	950361 I _{max} =364cd/klm	I _{max}	345cd	5	13.67

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 60598-1:2022
 CEI EN 60598-2-1:2022
 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 62493:2015
 CEI 34-141:2014

Logistics data

Item net weight	220 gr
Minimum order quantity	1
Minimum packaging	1 / 1