



DURASTRIP HiVOLT

Typology

LED strip at mains.

Features

DURASTRIP HiVolt differs from similar products due to its extreme sturdiness: the protective sheath is reinforced by a double extrusion layer which provides a solid and highly resistant compacted quality.

DURASTRIP HiVOLT for direct mains connection provides the advantage of being able to reach a length of 50 metres with power directly from mains electrical supply whilst offering lighting uniformity and colour along the entire length of the strip.

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

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.

Usage information

Dimmable with DMX dimmer code ZKCDMX-HV.

Accessories

Fixing bridges.

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

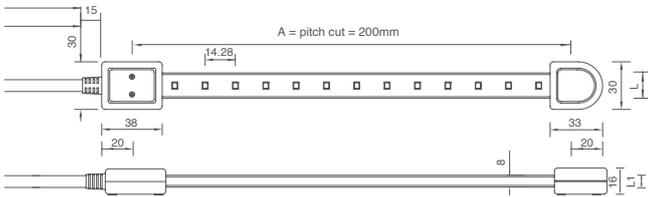
Up to 50 metres with a single power supply.

PRO	120 Vac	Ra >80			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	PF	0,9	Tc	2700 K	Ra	>80
LED Warranty	G3	RG	RG0				

Dimensional characteristics



L	1000 mm
L1	16 mm
H	8 mm

Cutting pitch	200 mm
LED pitch	14.2 mm

Lighting and photometric features

Beam opening	110°
Nominal flux per mt	1150 lm/m
CCT nominal colour temperature	2700 K
Colour of the light	Warm light
Colour rendering index	>80
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
Power factor (PF)	0,9
Energy efficiency class	This product contains a light source of energy efficiency class "E"
Number of cycles	100000
Operating temperature	-25°C / +35°C
Operating position	360°

Photometry

	2700K	H(m)	D(m)	E _{max} (lx)
	Ra80		108°	
Fixture Power	12W	1	2.73	418
Source Flux	1151lm	2	5.47	105
Fixture Flux	1151lm	3	8.20	46
Efficacy	96lm/W	4	10.94	26
07U27HVU12 I _{max} =364cd/klm	I _{max}	5	13.67	17

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.
----	--

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