

## DURASTRIP HIGH EFFICIENCY IP20

A high efficiency range to meet the needs of prestigious projects. With an efficiency of 180 lumens/watt, these strips emit from 1000 to 4000 lumens per metre, these strips are perfect for general lighting applications. The High Efficiency line is characterised by excellent quality, reliability, high colour rendering, excellent white colour homogeneity, durability, long service life and great energy savings!

### Features

White shades: 3000K and 4000K available, other colour temperatures on request and with MOQ.

### Installation

Complete with 3M double-sided tape to attach to the surface and jumpers to be screwed to the surface. When using double-sided tape degrease the application surface adequately.

### Usage information

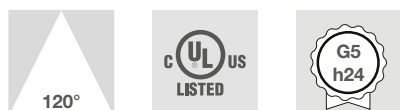
Dimmable 0-100% Flicker Free  
DALI - DMX - 1-10  
Analogue and digital domotic control systems  
Push Dali with ZKCDAFF controllers  
CASAMBI compatible

### Packaging

Packaged in 5 meters reels.

### Connections

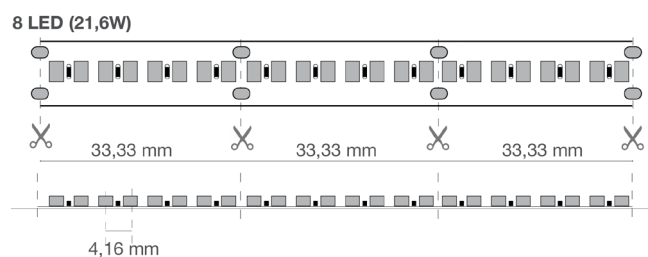
IP20: terminals with free wires.  
For longer connections, connect in series or parallel, see diagram.  
Strips can be cut to size by following the cutting indications printed on the strips.



### Characteristic data

Power	108 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	20	Tc	3500 K	Ra	92
LED Warranty	G5h24	RG	RG0				

## Dimensional characteristics



L	5000 mm
L1	10 mm
H	1 mm

Cutting pitch	33 mm
LED pitch	4.16 mm

## Lighting and photometric features

Beam opening	120°
Nominal flux per mt	3685 lm/m
CCT nominal colour temperature	3500 K
Colour of the light	Natural warm light
Colour rendering index	92
Lifespan	50000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

## Electrical characteristics

Rated power	108 W
Input voltage	24 Vdc
Dimmable	Yes
Operating temperature	-25°C / +35°C

## Photometry

	3500K	H(m)	D(m)	E <sub>max</sub> (lx)
	Ra92		117°	
Fixture Power	22W	1	3.25	1223
Source Flux	3875lm	2	6.50	306
Fixture Flux	3875lm	3	9.74	136
Efficacy	179lm/W	4	12.99	76
000745 I <sub>max</sub> =316cd/klm	I <sub>max</sub>	1223cd	5	16.24

EuLumDat file on the site

## LED Warranty

G5h24	Full Guarantee 5 years (24h/24h) 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  
 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	90 gr
Barcode single item	8011905000745
Number of pieces multiple pack	20
Minimum order quantity	20
Minimum packaging	20 / 20