

DURAstrip ULTRA HD700 IP20

Typology

24V Strip LED.

Features

700 very small LEDs per meter mounted with a centre distance of only 1.4 mm create a highly effective continuous line of light. The cut every 10 mm allows unprecedented installation flexibility.

Installation

Complete with 3M double-sided tape to attach to the surface. When using double-sided tape degrease the application surface adequately. **Always use with aluminium profiles for heat dissipation.**

Applications

It can be used with wood panelling, cove lighting, etc. Always use with an aluminium profile to allow heat dissipation and with low thickness profiles as the pitch of the LEDs cancels any pointed effect.

Usage information

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

Packaging

Packaged in 5 meters reels. This product can be customized: consult the catalogue or the sales force for details.

Colour of the light

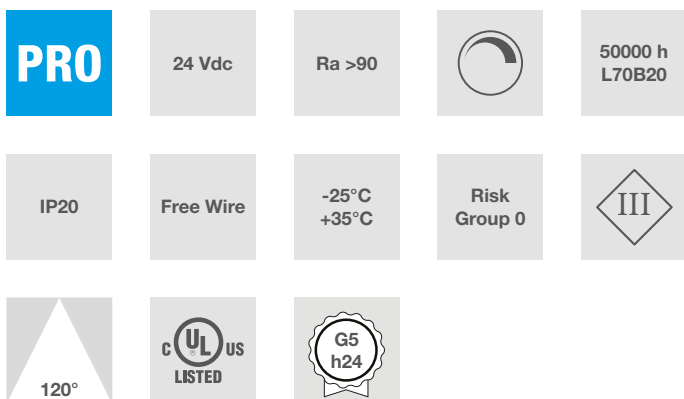
Choice of white colour temperatures.

Binning

ANSI/SDCM: 2 step.

Connections

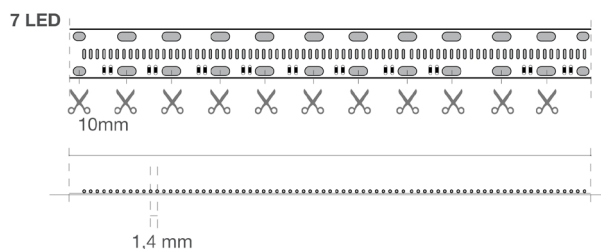
IP20: terminals with free wires.
IP65: complete with a 15 cm long IP65/68 M/F cable on 2 sides.
Maximum connection length 5 m.
Strips can be cut to size by following the cutting indications printed on the strips.



Characteristic data

Power	100 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	20	Tc	3500 K	Ra	>90
LED Warranty	G5h24	RG	RG0				

Dimensional characteristics



L	5000 mm
L1	10 mm
H	1.3 mm

Cutting pitch	10 mm
LED pitch	1.4 mm

Lighting and photometric features

Beam opening	120°
Nominal flux per mt	1700 lm/m
CCT nominal colour temperature	3500 K
Colour rendering index	>90
Lifespan	50000 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

Rated power	100 W
Input voltage	24 Vdc
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)	D(m)	Emax(lx)
	Ra90		117°	
Fixture Power	20W	1	3.25	510
Source Flux	1615lm	2	6.50	127
Fixture Flux	1615lm	3	9.74	57
Efficacy	81lm/W	4	12.99	32
953188 I _{max} =316cd/klm	I _{max}	5	16.24	20

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

Barcode single item	8011905950101
Barcode multiple pack	8011905952907