

DURAstrip ULTRA HD700 IP65

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. 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.

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.**

Usage information

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

Packaging

Packaged in 5 meters reels.
Or custom products cut to specific lengths see page 11, 322.

LED

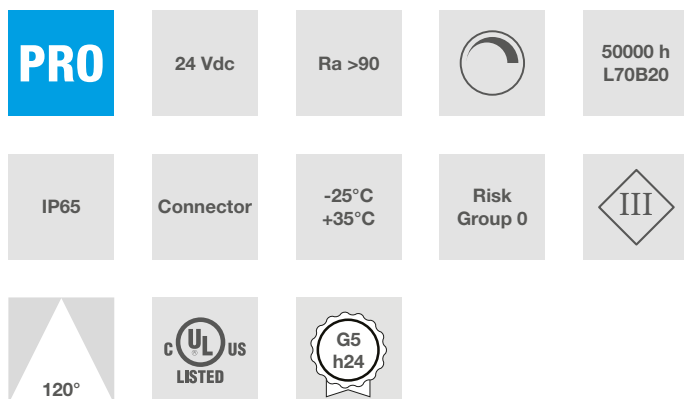
LED 2110
700 LED/m
100W (20W/m)
24VDC
Ra>90
Lifetime: >50,000h
Warranty: 5 years

Colour of the light

Choice of white colour temperature:
2700K - 3000K - 3500K - 4000K - 6000K

Connections

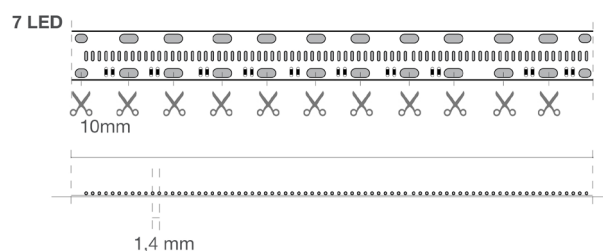
Complete with IP68 / 68 Male/Female wire on 2 sides, length 15 cm.
Maximum connection length 5 m.
Strips can be cut to size by following the cutting indications printed on the strips.



Characteristic data

Power	100 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Connector	IP	65	Tc	6000 K	Ra	>90
LED Warranty	G5h24	RG	RG0				

Dimensional characteristics



L	5000 mm
L1	10 mm
H	5 mm

Cutting pitch	10 mm
LED pitch	1.4 mm

Lighting and photometric features

Beam opening	120°
Nominal flux per mt	1450 lm/m
CCT nominal colour temperature	6000 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 "G"
Number of cycles	100000
Operating temperature	-25°C / +35°C
Operating position	360°

Photometry

	6000K	H(m)	D(m)	E _{max} (lx)
	Ra90		117°	
Fixture Power	20W	1	3.25	540
Source Flux	1710lm	2	6.50	135
Fixture Flux	1710lm	3	9.74	60
Efficacy	85lm/W	4	12.99	34
953171 I _{max} =316cd/klm	I _{max}	5	16.24	22

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	8011905953171
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