



DURASTRIP DIM-TO-WARM IP65

DURASTRIP DIM-TO-WARM allows the light intensity to be decreased and the colour temperature of the light to be varied at the same time. By simulating the dimming curve of old incandescent lamps, it ensures the right light for different times of the day and for different activities in the environment, according to the Human Centric Lighting principle. The single channel dimming technology works on a single chip, "heating" the colour of the light and thus creating a comfortable atmosphere and a natural feeling to the light, to put the user at the centre of the lighting experience. The 1800-3000K version is particularly desired for installations into hospitality atmospheres, restaurants, etc.

Installation

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

Usage information

Single channel (see connection diagrams)
Dimmable 10-100%
DALI - DMX
Analogue and digital domotic control systems
Push Dali with ZKCDAFF controllers
CASAMBI compatible

Packaging

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

LED

LED 2216
224 LED/m
max 48W (9.6W/m)
24VDC
Ra>90
Lifetime: >50,000h
Warranty: 5 years

Colour of the light

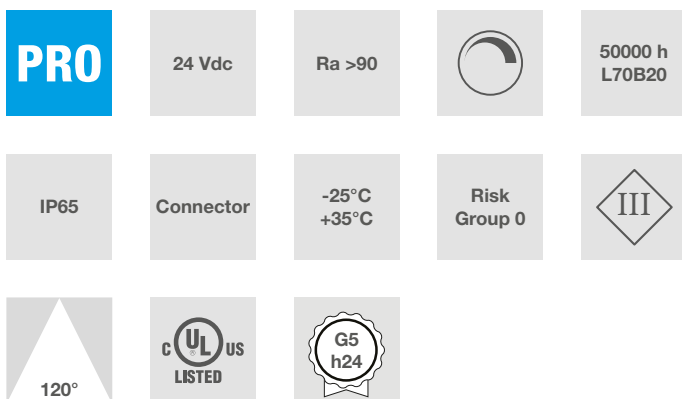
Choice of white colour temperatures:
1800K - 3000K
2700K - 6000K

Binning

ANSI/SDCM: 3 step.

Connections

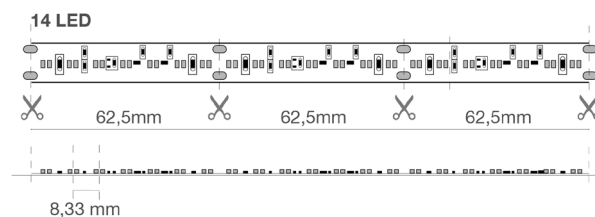
Complete with IP68 / 68 Male/Female wire on 2 sides, length 15 cm.
Maximum connection length 5 m. Max 4A.
Strips can be cut to size by following the cutting indications printed on the strips.



Characteristic data

Beam	120°	Dimmable	Yes	Input	24 Vdc	Base	Connector
IP	65	Tc	2700-6000 K	Ra	>90	LED Warranty	G5h24
RG	RG0						

Dimensional characteristics



L	5000 mm
L1	14 mm
H	4 mm

Cutting pitch	62.5 mm
LED pitch	8.33 mm

Lighting and photometric features

Beam opening	120°
Nominal flux per mt	900 lm/m
CCT nominal colour temperature	2700-6000 K
Colour of the light	CTA
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

Electrical characteristics

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

Photometry

	3000K	H(m)	D(m)	E _{max} (lx)	
	Ra90	117°			
	Fixture Power	10W	1	3.25	284
	Source Flux	900lm	2	6.50	71
	Fixture Flux	900lm	3	9.74	32
	Efficacy	94lm/W	4	12.99	18
	950279 I _{max} =316cd/klm	I _{max}	284cd	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	265 gr
Barcode single item	8011905950279
Number of pieces multiple pack	20
Barcode multiple pack	8011905952518
Minimum order quantity	20
Minimum packaging	20 / 20