



## COB PRO YELLOW PHOSPHORS

### Typology

COB PRO Strips adopt advanced "Flip-Chip" technology, allowing greater compactness and higher energy efficiency.

COB PRO Strips are designed with a white profiling on both sides of the chip to prevent light dispersion and color temperature variation at the beam edges.

The circuit, enhanced with a thicker copper layer, reduces voltage drops and ensures uniformity.

All materials are selected at the highest quality of the state of the art.

The innovative protective structure ensures durability, long-term reliability, and extreme flexibility, with curves with bending radii up to 50 mm.

### Installation

Complete with 3M double-sided tape to attach to the surface.

When using double-sided tape degrease the application surface adequately.

Various cutting pitch options in different models: tight cuts down to 21 mm.

### 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

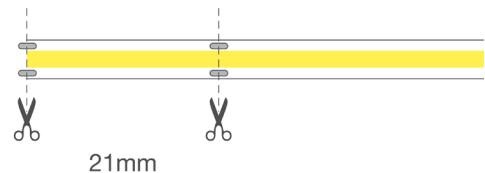
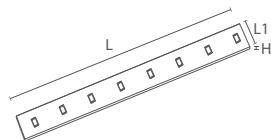
Packaged in 5 meters reels.



### Characteristic data

Power	50 W	Beam	140°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	20	Tc	2700 K	Ra	90
LED Warranty	G5h24	RG	RG1				

### Dimensional characteristics



L	5000 mm
L1	8 mm
H	2.3 mm

Cutting pitch	21 mm
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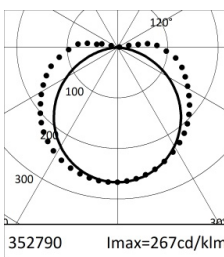
## Lighting and photometric features

Beam opening	140°
Nominal flux per mt	970 lm/m
CCT nominal colour temperature	2700 K
Colour of the light	Warm light
Colour rendering index	90
Lifespan	50000 h
LED lifespan	L70B50
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

## Electrical characteristics

Rated power	50 W
Input voltage	24 Vdc
Dimmable	Yes
Energy efficiency class	This product contains a light source of energy efficiency class "F"
Operating temperature	-25°C / +35°C

## Photometry



	2700K	H(m)	D1(m)	D2(m)	E <sub>max</sub> (lx)		
Ra90			112°	149°			
Fixture Power	10W	1	2.97	7.26	259		
Source Flux	970lm	2	5.93	14.51	65		
Fixture Flux	970lm	3	8.90	21.77	29		
Efficacy	97lm/W	4	11.87	29.03	16		
352790	I <sub>max</sub> =267cd/klm	I <sub>max</sub>	259cd	5	14.83	36.29	10

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	8011905352790
Number of pieces multiple pack	18
Minimum order quantity	1
Minimum packaging	1 / 18

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