

# TECHNICAL DATA



## COB320220WW

### ORIÓN LED STRIP COB 320D 15W/M 3000K 220- 240VAC IP65

Flexible LED strip with 220–240VAC input voltage. Equipped with COB LED chip with 320 diodes per meter and a power of 15W/m. Color temperature of 3000K and protection rating IP65. Solid silicone coating.



#### PRODUCT SPECIFICATIONS

Item code:	COB320220WW
Description:	LED STRIP COB 320D
EAN13 code:	8435724903344

#### ELECTRICAL DATA

Potencia:	15w/m
Voltage:	220-240vac
Power factor:	0,9
Dimmable:	YES
Electrical insulation class:	Class II

#### LUMINOUS DATA

Color temperature:	3000K
Luminous efficiency:	96 lm/w
Lumens:	1440lm/m
LED chip model:	COB
N.º of diodes:	320 per meter
Beam angle:	120°
Luminous distribution:	Symmetrical
Directional:	Non-directional
Color rendering index:	>90
Luminous flux maintenance:	L95

## TECHNICAL DATA

Protection rating:	IP65 (dust-tight and protected against water jets)
Operating temperature:	-20°~40°
Mounting type:	Surface
Mounting:	3M adhesive
Maximum connection:	50m

## AVERAGE LIFESPAN

Working hours:	50000 h
Switching cycles:	40000 ON/OFF

## PHYSICAL DATA

### Strip

Material:	PCB with copper wire
Cover:	Solid silicone
Roll length:	50m

### Weight

Weight:	3,4kg
---------	-------

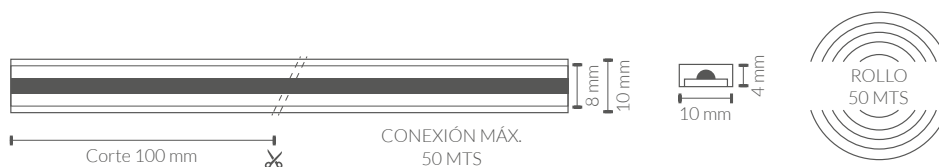
### Dimensions

PCB:	8mm
Cover:	10x4mm
Cutting section:	100mm

## ENERGY EFFICIENCY 2023(UE-2019/2015)

F

## DIMENSIONS



**EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILIT**

- EN IEC 55015** Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
- EN IEC 61000-3-2** Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current =16 A per phase).
- EN 61000-3-3** Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection.
- EN 61547** Equipment for general lighting purposes - EMC immunity requirements.

**Directiva LVD 2014/35/EU LOW VOLTAGE**

- EN 60598-2-21** Luminaires. Part 2-21: Particular requirements. Rope lights.
- EN IEC 60598-1** Luminaires. Part 1: General requirements and tests.
- EN 62493** Assessment of lighting equipment related to human exposure to electromagnetic fields.
- EN 62471** Photobiological safety of lamps and lamp systems.

**RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863**

Determination of Certain Substances in Electrotechnical Products.

- IEC 62321-4**            **IEC 62321-7-2**
- IEC 62321-5**            **IEC 62321-8**
- IEC 62321-6**
- IEC 62321-7-1**

