

TECHNICAL DATA



COB320220AM

ORIÓN LED STRIP COB 320D 15W/M 2200K 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 2200K and protection rating IP65. Solid silicone coating.



PRODUCT SPECIFICATIONS

Item code:	COB320220AM
Description:	LED STRIP COB 320D
EAN13 code:	8435724907274

ELECTRICAL DATA

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

LUMINOUS DATA

Color temperature:	2200K
Luminous efficiency:	94 lm/w
Lumens:	1410lm/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
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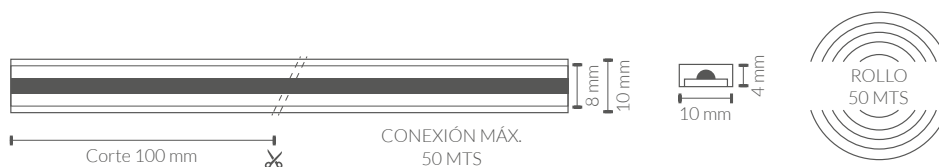
Dimensions

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

ENERGY EFFICIENCY 2023(UE-2019/2015)

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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 ≤ 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**

