

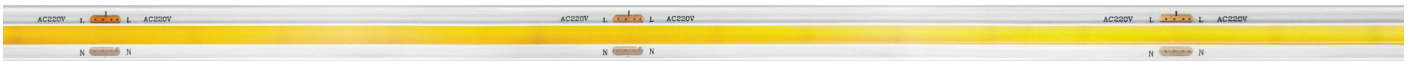
TECHNICAL DATA



COB320220NW

ORIÓN LED STRIP COB 320D 15W/M 4000K 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 4000K and protection rating IP65. Solid silicone coating.



PRODUCT SPECIFICATIONS

| | |
|--------------|--------------------|
| Item code: | COB320220NW |
| Description: | LED STRIP COB 320D |
| EAN13 code: | 8435724903337 |

ELECTRICAL DATA

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

LUMINOUS DATA

| | |
|----------------------------|-----------------|
| Color temperature: | 4000K |
| Luminous efficiency: | 98 lm/w |
| Lumens: | 1470lm/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 |
|---------|-------|

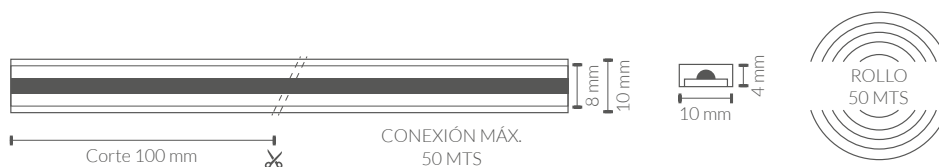
Dimensions

| | |
|------------------|--------|
| 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 ≤ 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**

