

COB240220NW

ARES COB LED STRIP 240D 12W/M 4000K 220- 240VAC IP65

Flexible LED strip operating at 220–240VAC. Fitted with COB LED chips at a density of 240 LEDs per metre and a power consumption of 12W/m. Colour temperature: 4000K. IP65 protection rating. PVC coating.



PRODUCT SPECIFICATIONS

Item code:	COB240220NW
Description:	COB LED Strip 240D
EAN13 code:	8435724900916

ELECTRICAL DATA

Consumption:	12w/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:	1176lm/m
LED chip model:	COB
N.º of diodes:	240 LEDs per metre
Beam angle:	120°
Light distribution:	Symmetrical
Directional:	Non-directional
Color rendering index:	>80
Luminous maintenance factor:	L95B10

TECHNICAL DATA

Protection rating:	IP65 (Dust-tight and protected against water jets).
Operating temperature:	-20°~40°
Mounting type:	Surface
Fixture:	Mounting clips (not included with the product).
Maximum connection:	50m

AVERAGE LIFESPAN

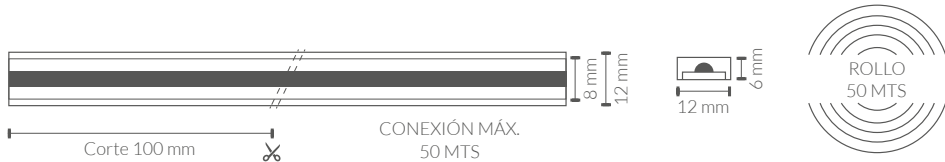
Lifetime hours:	40000 h
Switching cycles:	30000 ON/OFF

PHYSICAL DATA

Strip	
Material:	PCB with copper conductors
Coating:	PVC
Roll length:	50m
Weight	
Weight:	3,4kg
Dimensions	
PCB:	8mm
Coating:	12x6mm
Cut segment:	100mm

ENERGY EFFICIENCY 2023(UE-2019/2015)	F
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DIMENSIONS



EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILIT

- EN IEC 55015** Limits and measurement methods for radio disturbance characteristics of lighting equipment and similar apparatus.
- EN 61547** General lighting equipment – EMC immunity requirements.
- EN IEC 61000-3-2** Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment with 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.

LVD directive 2014/35/EU LOW VOLTAGE

- EN 60598-2-21** Luminaires – Part 2-21: Particular requirements – Lighting chains (light strings)..
- EN IEC 60598-1** Luminaires – Part 1: General requirements and tests.

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

Determination of Certain Substances in Electrotechnical Products.

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

