

# TECHNICAL DATA



## 420COB20RGBIC-2

### COB MAGIC STRIP LED STRIP 420D 15W/M RGB IC DC24V IP20 25MTS

Flexible LED strip operating at DC24V. Each metre is fitted with 420 COB LED chips (60 pixels per metre) and has a power consumption of 15W/m. RGB colour output, luminous flux of 1275lm/m and IP20 protection rating. Supplied in 25 m reels.



#### PRODUCT SPECIFICATIONS

Item code:	420COB20RGBIC-2
Description:	COB MAGIC STRIP LED Strip 420D
EAN13 code:	8435724907243

#### ELECTRICAL DATA

Consumption:	15w/m
Dimmable:	YES
Electrical insulation class:	Class III

#### LUMINOUS DATA

Color temperature:	RGB IC
Luminous efficiency:	85 lm/w
Lumens:	1275m/m
LED chip model:	COB
Number of LED chips:	420 LEDs per metre
Beam angle:	120°
Light distribution:	Symmetrical
Directional:	Non-directional
Luminous maintenance factor:	L95B10

#### TECHNICAL DATA

Protection rating:	IP20 (Protected against solid objects larger than 12 mm and no protection against liquids)
Operating temperature:	-20°~40°
Mounting type:	Surface
Fixture:	3M adhesive
Maximum connection:	10m
Control mode:	Depending on controller
Memory function:	YES

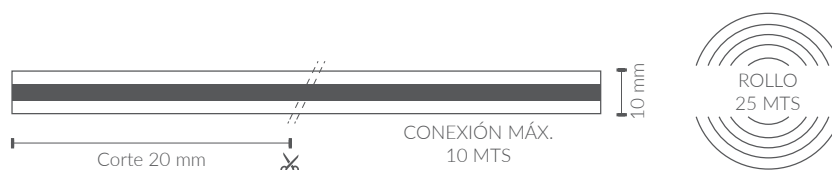
## PHYSICAL DATA

<b>Strip</b>	
Material:	PCB + 3M adhesive
Connection:	<b>Includes 3-pin connector at both ends. Transformer and controller required.</b>
Roll length:	25m
<b>Weight</b>	
Weight:	190gr
<b>Dimensions</b>	
PCB:	10mm
Cut segment:	20mm

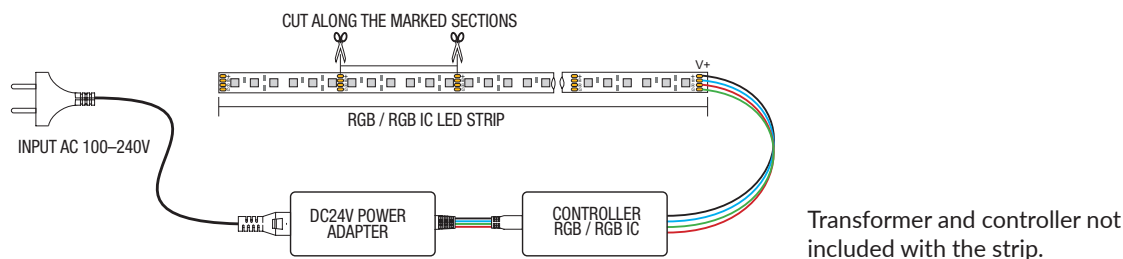
## ENERGY EFFICIENCY 2023(UE-2019/2015)

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## DIMENSIONS



## INSTALLATION DIAGRAM



## CERTIFICATIONS

CE & ROHS

### EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILITY

- 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

### Low Voltage Directive (LVD) 2014/35/EU

- EN 62031 LED modules for general lighting - Safety requirements
- EN 62493 Assessment of lighting equipment with regard to human exposure to electromagnetic fields

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

Determination of Certain Substances in Electrotechnical Products.

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

