TECHNICAL DATA

528COB20AM

COB LED STRIP 528D 14W/M 2200K DC24V IP20

Flexible LED strip operating at 24V DC. Each metre is fitted with 528 COB LED chips and has a power rating of 14W/m. 2200K colour temperature, 1344lm/m luminous flux and an IP20 protection rating.

PRODUCT SPECIFICATIONS

Item code:	**528COB20AM**
Description:	**COB LED STRIP 528D**
EAN13 code:	**8435724902248**

ELECTRICAL DATA

Consumption:	**14w/m**
Dimmable:	**SI**
Electrical insulation class:	**Class III**

LUMINOUS DATA

Color temperature:	**2200K**
Luminous efficiency:	**96 lm/w**
Lumens:	**1344lm/m**
LED chip model:	**COB**
Number of LED chips:	**528 LEDs per metre**
Beam angle:	**120°**
Light distribution:	**Symmetrical**
Directional:	**Non-directional**
Color rendering index:	**>90**
Luminous maintenance factor:	**L95B10**

TECHNICAL DATA

Protection rating:	**IP20 (Protected against solid objects larger than 12mm and provides no protection against liquids)**
Operating temperature:	**-20°~40°**
Mounting type:	**Surface**
Fixture:	**3M adhesive**
Maximum connection:	**10m**

PHYSICAL DATA

Strip

Material:	**PCB + 3M adhesive**
Connection:	**Includes DC connectors at both ends. Power supply required.**
Roll length:	**5m**

Weight

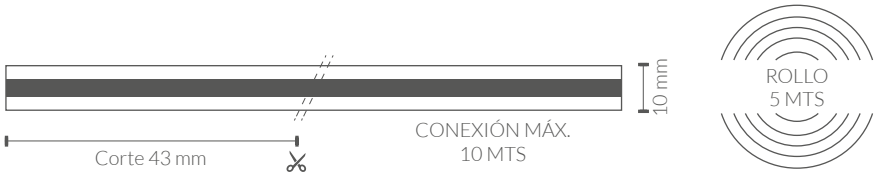
Weight:	**190gr**

Dimensions

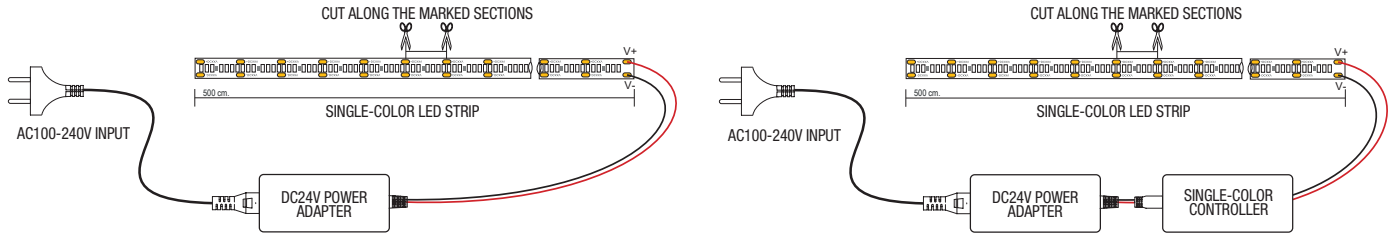
PCB:	**10mm**
Cut segment:	**43mm**

ENERGY EFFICIENCY 2023 (EU-2019/2015) F

DIMENSIONS



INSTALLATION DIAGRAM



Transformer and single-color controller are not included with the strip.

CERTIFICATIONS

CE & ROHS

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 61547 Equipment for general lighting purposes - EMC immunity requirements.

LVD directive 2014/35/EU LOW VOLTAGE

EN 62031 LED modules for general lighting - Safety specifications

EN 62493 Assessment of lighting equipment related 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**

CE RoHS