Article no.: 50505BIN30RGB-120-24

LED Stripe, flexible, IP20, 24V, 28,8W/m, RGB-BIN30, 5m

LED Stripe with a highly efficient LED and a color binning that can reach a CRI above 80 and is therefore suitable for all kind of commercial installations.

- Flexible LED stripe, with 5050 R, G, B, WW LEDs
- Choose your favorite Warm White colour
- Adjust the CRI by simply adding another colour and set your product in the perfect light
- Adhesive tape on the back for easy installation
- Strip is cuttable every 10cm
- Energy efficiency class A
- Delivery on 5m Reel

The LED Stripes are specially designed to catch your customers attention by setting products or a complete area into perfect light. Just select your favorite colour temperature and add additional colours to change the CRI according to your demands.
We carry suitable controllers to make the complete installation as easy as possible.

Instructions for mounting and safety
Don't run the stripe when it is still mounted on the reel.
Please take care during installation for the correct polarity (V+, V-) and do use the right power supplies with the following safety specifications:
SELV (Safety Extra Low Voltage), overload protection and short-circuit protection.
You can cut the LED stripe with a cutter at the marked cutting points on the stripe.
Mounting on an aluminium profile is recommended in order to optimize the heat dissipation.
Be careful when you install the LED stripe on conducting surfaces, because the solder contact can cause a short circuit.
... use the PCB board can be damaged.

Technical Data

ELECTRICAL CHARACTERISTICS	
Power consumption / m	28.8 W
Power consumption / stripe	144 W
Input voltage	DC 24 V
Luminous efficiency	62.5 lm / W (min) (Warm white)
Energy efficiency label (EEL)	A
Connection possibility	5-PIN wire, 20 cm
Dimmable	Yes
ABSOLUTE MAXIMUM RATINGS	
Working temperature	-5˚C - +40˚C
IP rating	IP-20
LIFESPAN	
Rated lifetime	30,000 h
Lifetime indication	L70 / B10
LIGHT TECHNICAL DATA	
LED type	SMD 5050
LED quantity / m	120
LED quantity / stripe	600
LED pitch	16 mm
Beam angle	120˚
Color designation	Warm white 3000K
Color temperature CCT	2800K - 3150K
Wave length (nm)	R=620-630 , G=525-527.5 , B=465-470
Color rendering index CRI	Ra > 80 (Warm white)
Luminous flux	900 lm / m (typ) (Warm white)
GENERAL CHARACTERISTICS	
Material	Flexible PCB
Surface material	N/A
Color	White
Mounting	Adhesive tape
LED rows	2
Channels	4
DIMENSIONS & WEIGHT	
Length	5000 mm
Width	19 mm
Height	2 mm
Cutting possibility	100 mm (12 LEDs)
Unit packing	18

DEKO-LIGHT

CE   RoHS 2002/95/EC   III

Errors and technical data are subject to change without notice.

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Product Details

POLAR DIAGRAM (WARM WHITE)

DIMENSIONS

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