

PREMIUM RANGE HIGH EFFICIENCY COB LED STRIP

911-315 - CYFELCO 3 LSCOB24 20.0IP20896RGBW940

PRODUCT DATASHEET

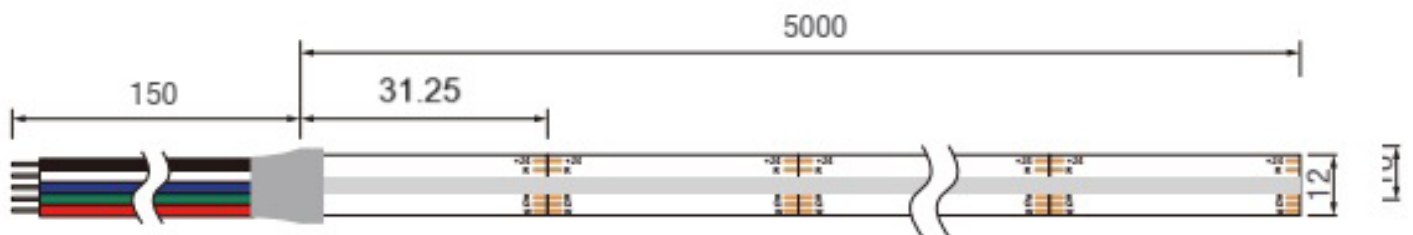
High Efficiency Flexible RGBW COB LED Strips for General indoor illumination

Areas of application

- General indoor illumination
- Accent lighting, light advertising, path lighting
- Task lighting, recreation lighting, under-cabinet lighting
- Private living areas

Product Features

- Flexible and cuttable LED strip
- Easy mounting on many smooth surfaces thanks to self-adhesive tape
- Smallest cuttable unit: 31.25 mm
- Dimmable with suitable drivers
- Lifetime (L70/B50): up to 50,000 h
- 5 Years Warranty



TECHNICAL DATA

Operating and Electrical

Input Voltage	24V DC
Nominal Power per meter	20W
Drive Current per meter	0.833 A
LEDs/m	896
LED Chip	Sanan
Width	12 mm

Over Time Performance

Lifespan L70/B50 at 25 °C	>50000 hrs
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Application

Ambient Temperature Range	-20 to +45 °C
Ingress Protection Code	IP20
Application Environment	Indoor
Mounting Type	Via 3M self-adhesive
Dimmable	Yes

Logistics

Meters per reel	5
Reels per Carton	50
Carton Box Gross Weight	xx Kg
Carton Box Net Weight	xx Kg

Directives

2014/30/EU	Electromagnetic Compatibility Directive
2011/65/EU	Restriction of Hazardous Substances Directive (RoHS)
2009/125/EU	Ecodesign Requirements for energy-related products

Standards

EN IEC 55015:2019	Limits and methods of measurement of radio disturbance characteristics of electrical
EN 61547:2009	Equipment for general lighting purposes - EMC immunity requirements
EN IEC 61000-3-2:2019	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase)
EN 61000-3-3:2013+A1:2019	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment

Photometric Data

Luminous Flux/m (RGB)	1230 Lm
Luminous Flux/m (RED)	177 Lm
Luminous Flux/m (GREEN)	478 Lm
Luminous Flux/m (BLUE)	98 Lm
Luminous Flux/m (4000K)	530 Lm (CRI>90)
SDCM	<5
Flickering metric (Pst LM)	<1
Stroboscopic Effect (SVM)	<0.4
Photobiological safety group	RG 0
Beam Angle	180°

Mechanical and Housing

Layers	Double-layer FPC(2Oz)