



lumentruss

Client

Project

Order no.

Type

Qty

Date

BCOB-24V-480-12MM-10W-XXK-IP65-SAUNA

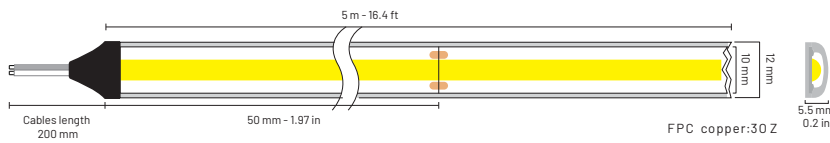
Specification Sheet



E466567
ES-FSC0BC-X-24-Y

PHYSICAL

Product Type	Flexible LED Strip	
Strip Width	1/2 in	12 mm
Strip Total Length (Roll)	16.4 ft	5 m
Can be cut at every	1.97 in	50.0 mm
Storage Temperature	-40° C to +80° C	Operating Temperature -25° C to +105° C
Lifespan	50 000 Hrs	



Attention: The bending radian must be greater than 50mm, or the phosphor close to silicone will cause color difference.

ELECTRICAL

Input Type	DC, Constant Voltage		
Input Voltage	24V DC		
Rated Power (Max.)	3.04 W/ft	10.0 W/m	50 W/roll total

SAUNA



Electrical Input

Rated Power (Max.)

CONSTANT VOLTAGE	24V DC	50 W/roll
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Correlated Color Temperature (CCT)



PRODUCT RANGE

Part Number	Code	IP	CCT*	Luminous Flux	Luminous Efficacy	CRI**	R9	duv***
BCOB-24V-480-12MM-10W-2700K-IP65-SAUNA	LM28004-01	IP65	2700K (Soft White)	248 lm/ft 815 lm/m 4075 lm/roll	81.5 lm/W	91.8	54	0.0006
BCOB-24V-480-12MM-10W-3000K-IP65-SAUNA	LM28004-02	IP65	3000K (Warm White)	270 lm/ft 885 lm/m 4425 lm/roll	88.5 lm/W	92.5	58	0.0003

CCT* - Correlated Color Temperature CRI** - Colour Rendering Index duv*** - Black-body Curve Deviation

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BCOB-24V-480-12MM-10W-XXK-IP65-SAUNA

LED Engines



FEATURES

- LED strips guaranteed two MacAdam steps or less
- Lumen output: 270 lm/ft*
- Width: 1/2 in / 12 mm
- Length: 16.4 ft / 5 m
- 24 V
- 3.04 W/ft / 10.0 W/m



24V LED ENGINE - IP65

BCOB-24V-480-12MM-10W-2700K-IP65-SAUNA LM28004-01

BCOB-24V-480-12MM-10W-3000K-IP65-SAUNA LM28004-02

QUANTITY

MOUNTING



BR - High temperature silicon bracket



NO - No bracket

The high temperature in a sauna require adapted mounting. To mount our Sauna COB, you can use a high temperature VHB, high temperature silicon or our silicon brackets. We advise one bracket every 6 inches.

MOUNTING

CUSTOM OPTIONS:

STRIP TYPE	INPUT VOLTAGE	LED DENSITY	STRIP WIDTH	RATED POWER	CCT	USAGE	LEAD IN / OUT	STRIP LENGTH	
COB	24V - 24 volt	480 - 480 LED/m	12 mm (1/2 in.)	10.0 W/m (4.4 W/ft)	<input type="checkbox"/> 2700K <input type="checkbox"/> 3000K	IP65 - wet/damp location	HW3 - Hardwire 36" HW6 - Hardwire 72" HW9 - Hardwire 108" HWX - Hardwire cust. DC3 - DC plug 36" DC6 - DC plug 72" DC9 - DC plug 108" DCX - DC plug cust. NO - No lead	Quick ship regular roll is 196 inches - 12 in HW only.	
BCOB	24V	480	12MM	10.0W					
SMD TYPE	INPUT VOLTAGE	LED/M	WIDTH	W/M	CCT	USAGE	IN	OUT	LENGTH

*NOTE: The light output is provided in lumens per foot, for a CCT of 3000 K and no lens. Please refer to the optics page for CCT and translucency conversion factors.

