

# White COB LIGHTING

LUXCOBWXXK\*R

Date: \_\_\_\_\_ Type: \_\_\_\_\_

Client: \_\_\_\_\_





Project: \_\_\_\_\_



- Seamless, continuous illumination.
- Flexible silicone body that acts as a diffuser lens.
- Available in 5m Reels (480 LEDs), or cut to size.
- Higher chip density, provides greater brightness, flexibility and evenness of light output at an economical price point.
- Standard Color Temperatures: 3000K, 4100K, 5300K, and 6500K. Custom color temperatures available upon request.
- Optimal Color Rendering - CRI 90+
- Wide 180 degree beam angle for full coverage illumination.
- Retains seamless look at lower dimming settings.
- Continuous lighting effect ensures minimal hotspots.
- High density LEDs provides continuous light output even in shallow mounting locations.
- No aluminum profile/lens needed to create a continuous line of light.
- Field cuttable.
- Designed with quick-disconnect barrel connectors for easy installation and are provided with peel & stick 3M self-adhesive backing for easy mounting.
- COB lighting is brighter than other similar lighting fixtures because COB LED chips are smaller in size as a result of being directly bonded onto the flexible printed circuit board. With the smaller size, more LED chips can be closely packed together to provide brighter, more uniform lighting.

<b>LED Count:</b>	146 pc/ft (480 pc/m)
<b>Strip Width:</b>	0.31" (8mm)
<b>Strip Height:</b>	0.07" (1.8mm)
<b>Field Cuttable:</b>	12V - 0.98" (25mm) 24V - 1.97" (50mm)
<b>Location:</b>	Indoor location
<b>Operating Temperature:</b>	-4°F - +140°F -20°C - +60°C
<b>Ambient Temperature:</b>	-4°F - +158°F -20°C - +70°C
<b>Operating Voltage:</b>	24VDC

## PHOTOMETRICS

	CCT	EFFICACY	BEAM ANGLE	LUMINOUS FLUX	POWER	CRI
	3000K Warm White	85 lm/W	180°	259.1 lm/ft 850 lm/m	3 W/ft 10 W/m	90+
	4100K Neutral White	95 lm/W	180°	289.6 lm/ft 950 lm/m	3 W/ft 10 W/m	90+
	5300K Daylight	95 lm/W	180°	289.6 lm/ft 950 lm/m	3 W/ft 10 W/m	90+
	6500K Cool White	100 lm/W	180°	304.9 lm/ft 1000 lm/m	3 W/ft 10 W/m	90+

## CERTIFICATIONS



E477011



100% QC



LIMITED WARRANTY



Display Supply & Lighting, Inc.

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## MAX. LOAD & MAX LENGTH

### MAX LOAD 96 W FOR 24V

(FOR CLASS 2 COMPLIANCE)

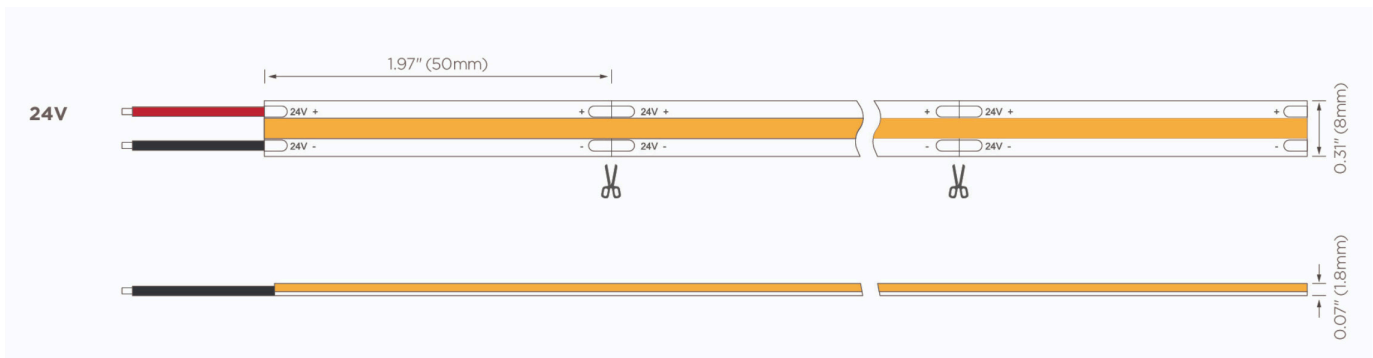
# of Power Supplies	Max. Length
1	31.4ft (9.6m)
2 (non dimmable)	62.9ft (19.2m)

Wire Size:	18 AWG 2 Wire
Max. No. of Wire Connections:	2

## DIMMING

- Pulse-width modulation dimming (PWM)
- 0-10V dimming
- Magnetic low voltage (MLV)



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