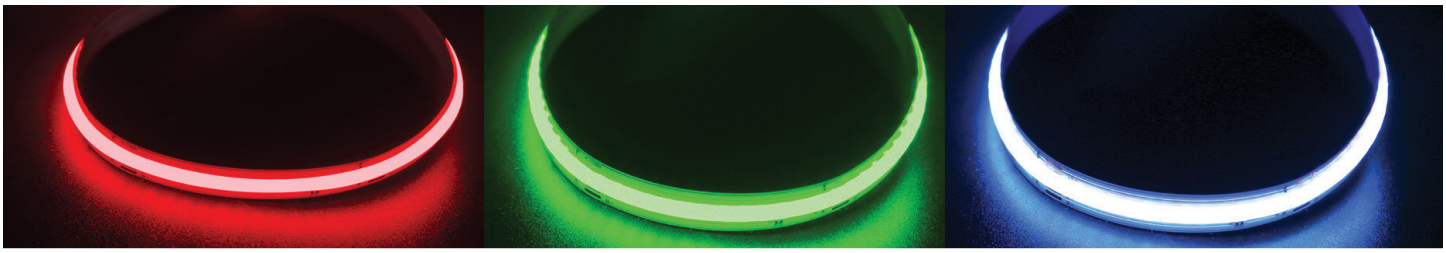
RGB COB LIGHTING

LUXCOBRGB*R

Date:_____Type:_____

Client:_____

Project:_____



- Seamless, continuous illumination.
- Flexible silicone body that acts as a diffuser lens.
- Available in 5m Reels (840 LEDs), or cut to size.
- Higher chip density, provides greater brightness, flexibility and evenness of light output at an economical price point.
- Wide 180 degree beam angle for full coverage illumination.
- Greater color options with RGB tricolor color mixing.
- 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.

LED Count:	256 pc/ft (840 pc/m)
Strip Width:	0.39” (10mm)
Strip Height:	0.07” (1.8mm)
Field Cuttable:	1.97” (50mm)
Location:	Indoor location
Operating Temperature:	-4°F - +140°F -20°C - +60°C
Ambient Temperature:	-4°F - +158°F -20°C - +70°C
Operating Voltage:	24VDC

PHOTOMETRICS

CCT	EFFICACY	BEAM ANGLE	LUMINOUS FLUX	POWER
Red 625nm	13 lm/W	180°	20.1 lm/ft 66 lm/m	1.5 W/ft 5 W/m
Green 525nm	113 lm/W	180°	162.2 lm/ft 532 lm/m	1.5 W/ft 5 W/m
Blue 465nm	17 lm/W	180°	23.8 lm/ft 78 lm/m	1.5 W/ft 5 W/m
RGB Combined	40 lm/W	180°	175.6 lm/ft 576 lm/m	4.4 W/ft 14.4 W/m

CERTIFICATIONS

c UL us LISTED E477011

Quality approved 100% QC

5 YEAR LIMITED WARRANTY

CE RoHS CB

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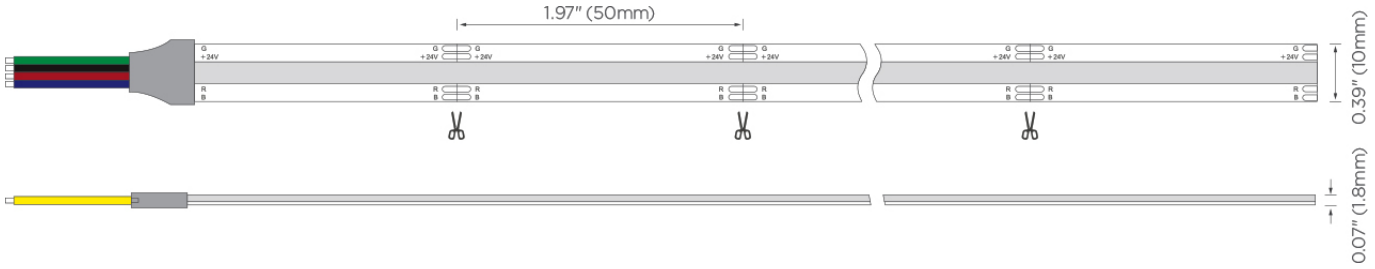
DIMMING
• Pulse-width modulation dimming (PWM)
• DMX Control

MAX. LOAD & MAX LENGTH	
MAX LOAD 96 W (FOR CLASS 2 COMPLIANCE)	
# of Power Supplies	**Max. Length**
1	21.6ft (6.6m)
2 (non dimmable)	43.3ft (13.2m)

Wire Size:	18 AWG 4 Wire
Max. No. of Wire Connections:	2



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