COB

24V Chip on Board LED Strip Light

HitLights COB LED strip lights are the ultimate in energy efficiency, high brightness, and even lighting. These LED strip ligths leaves a smooth and spotless lighting where hot spots are eliminated and appear as one single light

KEY FEATURES

- LM-80 approved LED
- 50,000 hours Lifetime
- 6 years warranty
- Multiple Color Option : 2700K, 3000K 4000K, 5000K
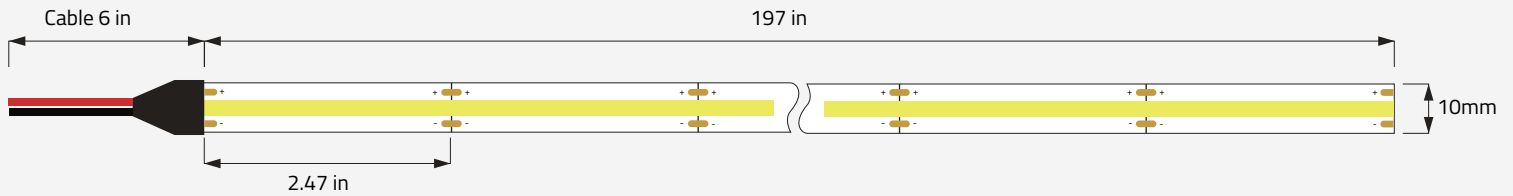- Light Spotless, flexible
- CRI Option: Ra>90

| 2700K | 3000K | 4000K | 5000K |

hitlights.com
+1 (855) 768-4135
customerservice@hitlights.com

c(UL)us LISTED   BBB   RoHS compliant   ETL LISTED

Cable 6 in — 197 in — 10mm

2.47 in

Safe Input Voltage: **DC 24V**
Size of each section is **0.25 in** cut line is indicated by the cut symbol
LED Strip length tolerance is ± 0.2%mm and width tolerance is ± 0.2mm

OPTICAL

LED type:	Flip Chip
Color rending index:	Ra>90
CCT Range:	2700K , 3000K, 4000K, 5000K
Beam angle:	180°
Light Efficiency:	100-110 Lm/w
Lumen output/foot:	274.32-350.52 Lm/ft

ELECTRICAL

Input current/f:	0.127A/ft
Input Voltage:	DC 24V
Voltage Power/f:	3.048W/ft
Static Electricity:	1000V (ESD)
LEDs/foot:	155 LEDs/ft
Size of cut section:	62.5mm
LEDs per section:	32 LEDs

OTHERS

Energy grade:	A+
Warranty:	6 years
Lifetime:	50,000 hours lifetime for Tc<158°F
Working temperature:	-4 deg F ~ +113 deg F
Working humidity:	40% - 70%RH
Measurement:	L5000
Waterproof rating:	IP20

*W10mm (16.4ft x 0.4in)

Item code	LEDs/m	Voltage	Power (W/m)	CCT (K)	CRI (Ra)	Lumens Output		IP Grade
L0524V-273-1630-U	512 LEDs	24V	10W	2700K	90+	274.32Lm/ft	350.52Lm/ft	IP20
L0524V-303-1630-U	512 LEDs	24V	10W	3000K	90+	274.32Lm/ft	350.52Lm/ft	IP20
L0524V-403-1630-U	512 LEDs	24V	10W	4000K	90+	274.32Lm/ft	350.52Lm/ft	IP20
L0524V-503-1630-U	512 LEDs	24V	10W	5000K	90+	274.32Lm/ft	350.52Lm/ft	IP20

WIRING DIAGRAM APPLICATION

E473513

AC 100-277V

24V Constant Voltage Driver

DC 24V Input

5m/Reel   5m/Reel   5m/Reel   5m/Reel

24V Constant Voltage Driver

AC 100-277V

24V Constant Voltage Driver → AC 100-277V

6m

4m

6m

AC 100-277V ← 24v constant voltage driver

24V Constant Voltage Driver → AC 100-277V

6m

4m

6m