COB

Chip on Board LED Strip Light | 32.8ft

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
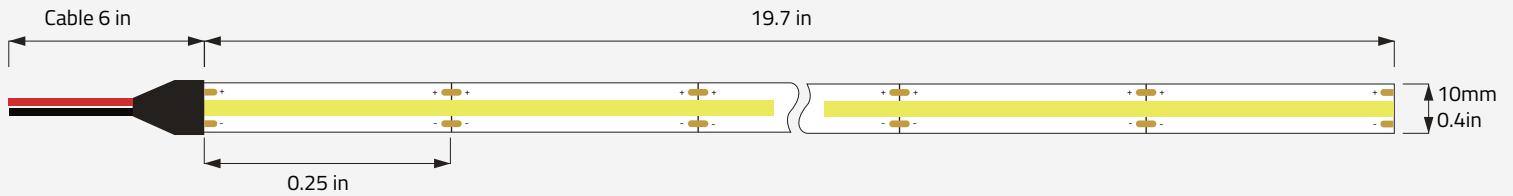
KEY FEATURES

- LM-80 approved LED
- 50,000 hours Lifetime
- 6 years warranty
- Multiple Color Option : 3000K, 4000K
- Light Spotless, flexible
- CRI Option: Ra>90
- 5180 LEDs per 32.8ft spool

| 3000K | 4000K |

SPECIFICATIONS

HITLIGHTS®

Cable 6 in | 19.7 in | 10mm 0.4in
0.25 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:	3000K, 4000K
Beam angle:	180°
Light Efficiency:	100-110 Lm/w
Lumen output/foot:	360-390 Lm/ft

ELECTRICAL

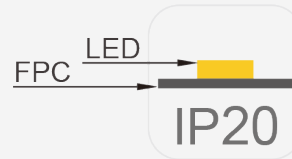|	
Input current/f:	0.15A/ft
Input Voltage/m:	DC 24V
Voltage Power/f:	3.63W/ft
Static Electricity:	1000V (ESD)
LEDs/foot:	155 LEDs/ft
Size of cut section:	0.25in
LEDs per section:	16 LEDs

OTHERS

Energy grade:	E
Warranty:	6 years
Lifetime:	50,000 hours lifetime for Tc<158°F
Working temperature:	-68°F ~ +113°F
Working humidity:	40% - 70%RH
Measurement:	L5000
Waterproof rating:	IP20

*W10mm (32.8ft x 0.4in)

Item code	LEDs/m	Voltage	Power (W/m)	CCT (K)	CRI (Ra)	Lumens Output		IP Grade
L0524V-303-3230-U-1	512 LEDs	24V	12W	3000K	90+	351Lm/ft	327Lm/ft	IP20
L0524V-403-3230-U-1	512 LEDs	24V	12W	4000K	90+	387Lm/ft	357Lm/ft	IP20

WATERPROOF RATING GUIDE

IP 20: Indoor use

LED
FPC
IP20

Non-waterproof

WIRING DIAGRAM APPLICATION

AC 100-277V

24V Constant Voltage Driver

DC 24V Input

5m   5m   5m   5m

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