



# COB

## 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 lights leave a smooth and spotless lighting where hot spots are eliminated and appear as one single light

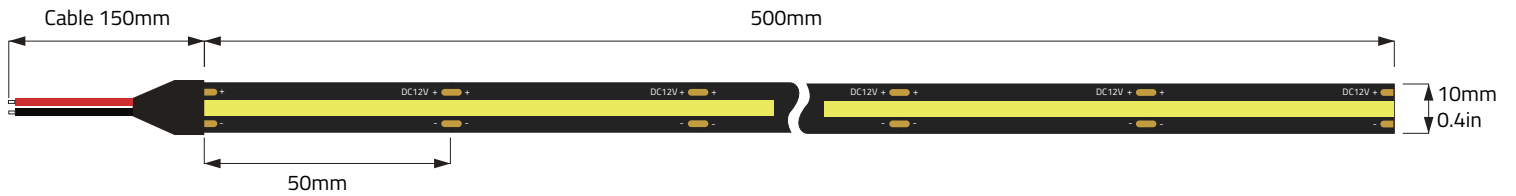
### KEY FEATURES

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

3000K

4000K

# SPECIFICATIONS



Safe Input Voltage: DC 12V

Size of each section is 1.96 in cut line is indicated by the cut symbol

LED Strip length tolerance is  $\pm 0.2\%$ mm and width tolerance is  $\pm 0.2$ mm

## OPTICAL

LED type:	Flip Chip
Color rendering index:	Ra>90
CCT Range:	3000K, 4000K
Beam angle:	180°
Light Efficiency:	90-100 Lm/w

## ELECTRICAL

Input current/f:	0.254 A/ft
Input Voltage/m:	DC 12V
Voltage Power/f:	3.048W/ft
Static Electricity:	1000V (ESD)
LEDs/foot:	147 LEDs/ft
Size of cut section:	1.96in
LEDs per section:	12 LEDs

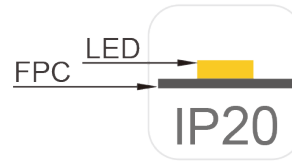
## OTHERS

Energy grade:	E
Warranty:	6 years
Lifetime:	50,000 hours lifetime for Tc<158°F
Working temperature:	-4°F ~ +113°F
Working humidity:	40% - 70%RH
Measurement:	L5000
Waterproof rating:	IP20
*W10mm (16.4ft x 0.4in)	

SKU	LEDS/m	Voltage	Power (W/m)	CCT (K)	CRI (Ra)	IP Rating
L0512V-403-1630-U-BLK	480 LEDs	12V	10W	3000K	90+	IP20
L0512V-303-1630-U-BLK	480 LEDs	12V	10W	4000K	90+	IP20

## WATERPROOF RATING GUIDE

IP 20: Indoor use



Non-waterproof

## WIRING DIAGRAM APPLICATION

