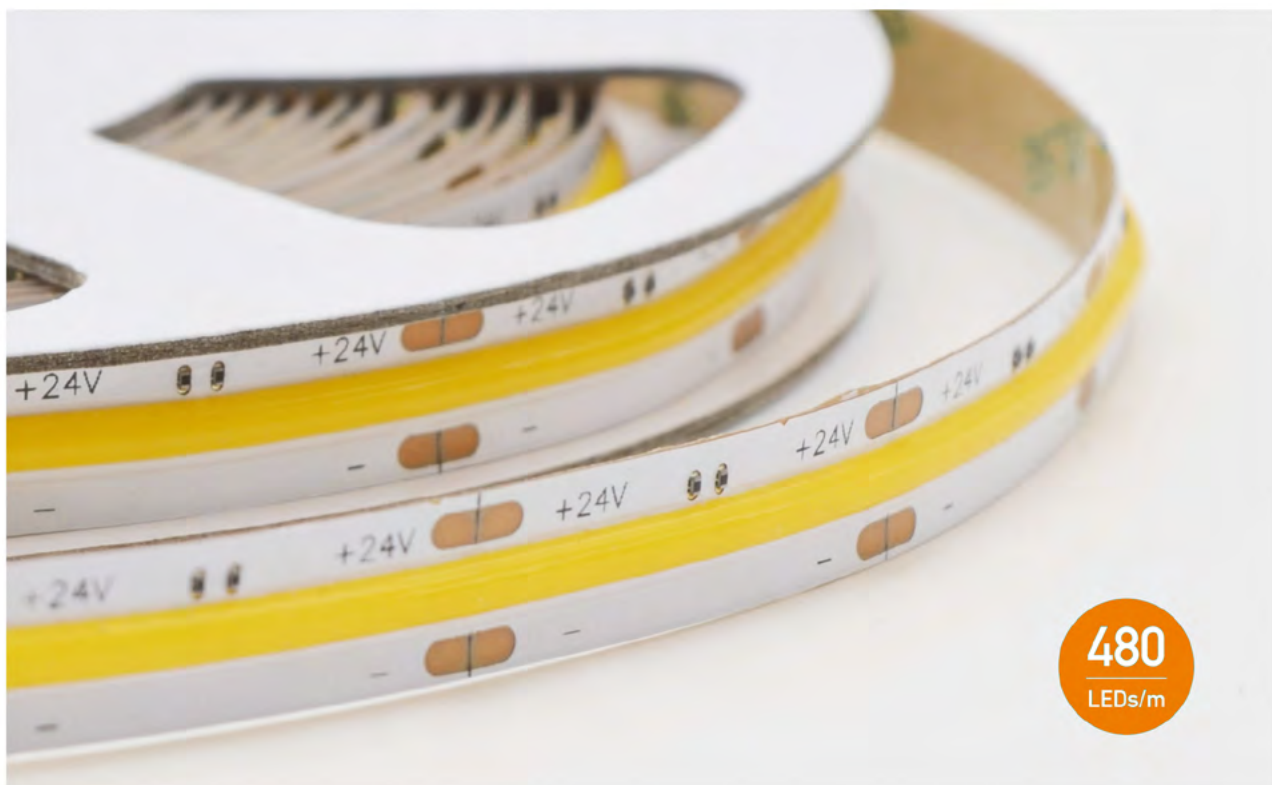


LI • E X

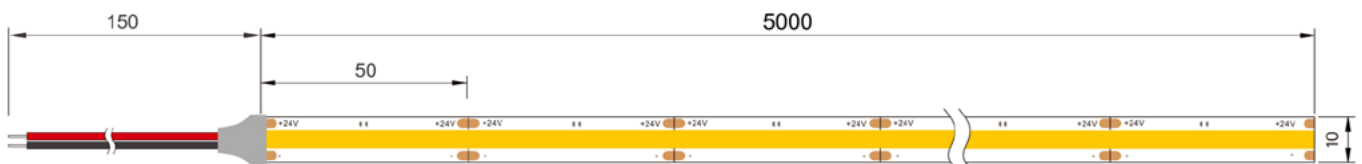
# Linien-Flex



## Product Features

1. No spot, no shadow, soft light.
2. The antistatic grade (MIL – STD – 883 – e) : HBM level 2 (2000 ~ 4000 v)
3. The largest emitting angle can reach to 180°
4. Can be cut, and be free to cut off and weld along with the above cutting line.

## Structure & Parameter

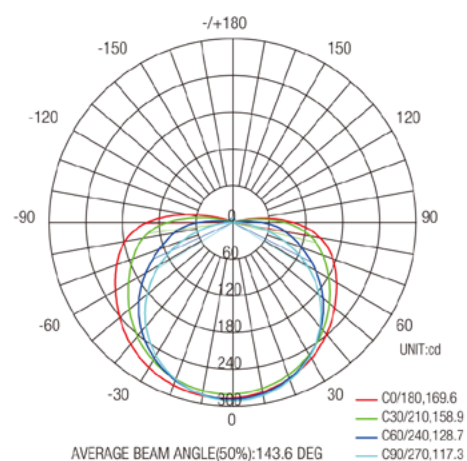


## PARAMETER

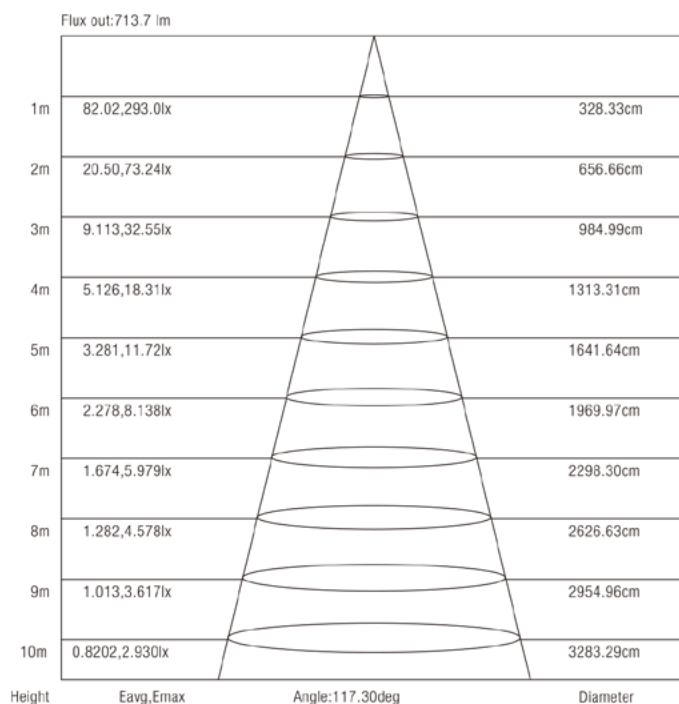
Model No.	ES-S480W24F10-COB	SMD Type	COB
Input voltage	24V	Working hour	50000h
CRI(Ra)	>90	Working temperature	-25 C ~ +45 C
Bram angle	180°	Cutable length(mm)	50
LEDs /m	480LEDs	PCB Width(mm)	8/10
Protection class	IP20		

CCT	5W/m		10W/m		15W/m	
	Lumen (LM/m)	Efficacy (LM/w)	Lumen (LM/m)	Efficacy (LM/w)	Lumen (LM/m)	Efficacy (LM/w)
2700K ±100K	481.9	96.38	957.3	95.73	1418	94.53
3000K ±150K	519.1	103.82	1029	102.9	1527	101.8
4000K ±250K	575	115	1138	113.8	1690	112.67
6500K ±300K	560.7	112.4	1124	112.14	1672	111.46

### Light Distribution Curve

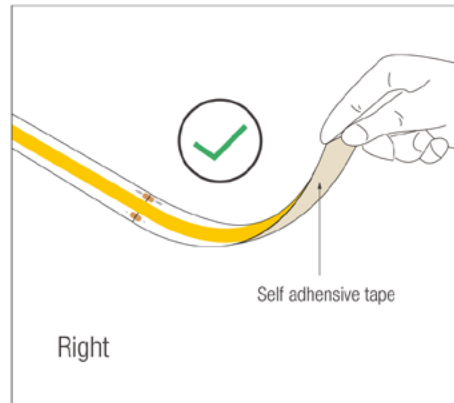
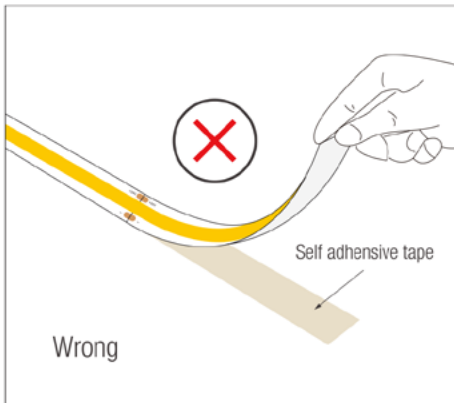


### Lux–Distance Curve



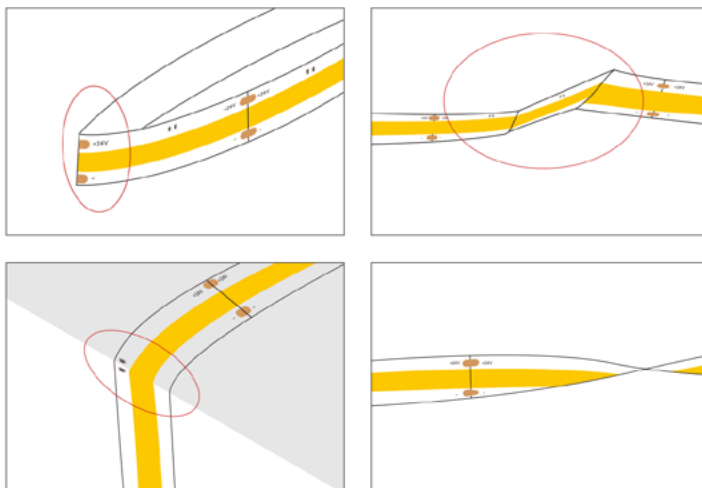
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

 **Cautions**

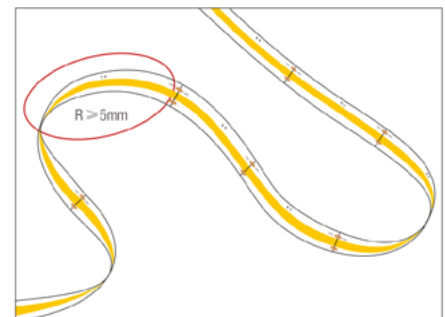


If the led strip needs to be torn up, please make sure that the self adhesive tape is torn with the led strip, otherwise the led strip will be damaged


When install the led strip, please note the installation technique. The led strip can be bent, but not distorted, as shown below.




Distortion(Wrong)



Bend(Right)

 LED strips are low voltage products, you must use the power supply(transformer). Please don't connect the led strip directly to the AC 110v or AC 220v, otherwise it will burn out the LED strips.

 Clean up the installation surface, it will ensure the reliability of the adhesive, The electrical connection process must be operated by a professional person.