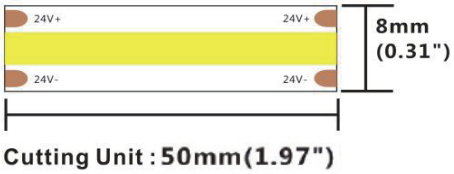
///ArcLED

ARC-COB10C-

【General description】

· Reel to reel process, no soldering joint.
· Light line and dot-free with big emitting angle
· 4 optional 2700K/3000K/4000K/6500K.
· · suit for furniture lighting and decorative lighting application.
· Life longer than 36000H, Ta: -25~40°C; Tc: 75°C (max)
· UL/UACK/CE/ROHS/REACH certification



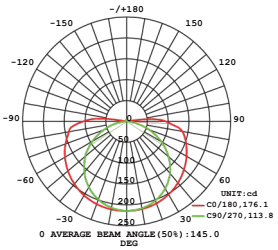


Cutting Unit : 50mm(1.97")

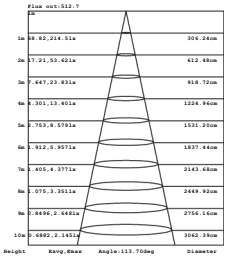
【Dimension】

Input voltage: DC24V
CRI: >90
Max.power: 10.5W(1m)
Power range: 8.6 ~ 10.6W(1m)
Rated current: 0.4A(1m) 1.75A(5m)
Typical Power: 9.6W(1m) 42W(5m)
tape IP: IP20
On-off times: 10000 (test times)
Warranty: 5 years indoors

Max.length: 10000mm
Cutting unit: 50mm(1.97")
LEDs/m: 480
Min. bend diameter: Φ60mm(2.36")
Mounting: 3M tape
Copper foil: 2oz



· Photometric of 1M strip



·AAI Figurestrip

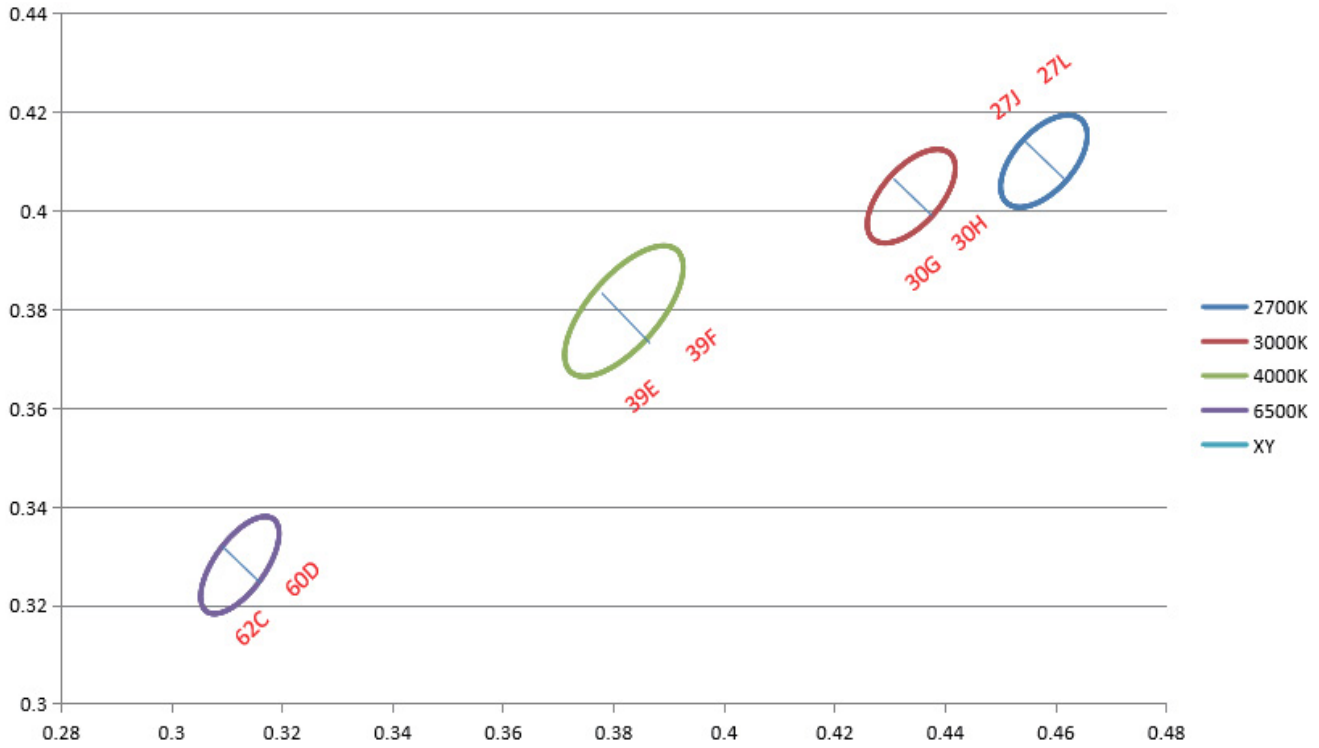
【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	Warm White	2700K	930	284	97	F
Ra>90	Very Warm White	3000K	970	296	101	F
Ra>90	Neutral White	4000K	1035	316	108	F
Ra>90	Very Cool White	6500K				F

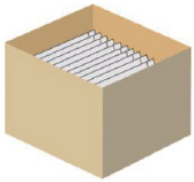
1.The tolerance of output data can be vary up to 10%.
2.the output data tested according to IES TM-30-15.
3.the output data is based on IP20/1merter, data of 5m in only for reference.
4.IP protection process leads changes to size, CCT and luminous flux.

【Electronic & output data】

IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	8mm*1.6mm	1800K/2700K/3000K/4000K	100%









IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	5000*8*1.6	5	350/325	0.12	8.4/7.8	9.48/8.88	36.5*36.5*19
NA	5000*8*1.7	5	350/325	0.13	9.1/8.45	10.27/9.62	36.5*36.5*19
ETS	5000*10*4.8	5	200	0.38	15.2	16.34	41*41*26
EG	5000*9.3*3.8	5	200	0.17	6.8	7.94	41*41*26

Remark：data with 10% tolorance,there are two weight data in the above table, the former is brand packaging information, and the latter is non brand packaging information.

【Precautions】

· Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.

· DO NOT twist the strip, espcecially the emitting point, in case damage of LED chip.

· ATTENTION, there are 2 soldering parts per reel (5m/reel) at most when mass production, just for few reels.

· Please do not bend the strip into an arc with a diameter less than 30mm to ensure the longevity and reliability.

· Do not fold it in case any damage of LED chip.

· Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.

·Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.

·LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -25℃~40℃. Storage temperature: 0℃~60℃.Please use the strips without waterproof within indoor environment with humidity less than 70%.

· Please be careful during operation. Do not touch the AC power supply in case of electric shock.

· Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.

· Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).

·Do not scratch the product when IP processof the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.