ST01
LED COB STRIP LIGHT

SPECIFICATIONS

Model No.	ST01			
Type	COB LED, 528 Chip/M			
Power Consumption(±10%)	8W/M			
Input Voltage	24VDC			
Correlated Color Temperature	2700K	3000K	3500K	4000-6500K
Luminous Flux (±10%)	840LM/M	880LM/M	920LM/M	960LM/M
Efficacy	105LM/W	110LM/W	115LM/W	120LM/W
Color Rendering Index	>80			
Product Dimension	8mm x 1.6mm x Total Length			
Cutting Length	45.45mm			
Total Length	5M/10M/20M for IP20, 5M/10M for IP65 and IP68			
Max Running Length	5 Meters. For longer applications please connect in parallel			
IP Rating	IP20/IP65/IP68			
Operating Temperature	-20℃ to + 40℃			
Life Time of LED @Ta=25℃	50000 Hours			
Warranty	3 Years			
Application	Residential lighting, decorative lighting, indirect lighting			

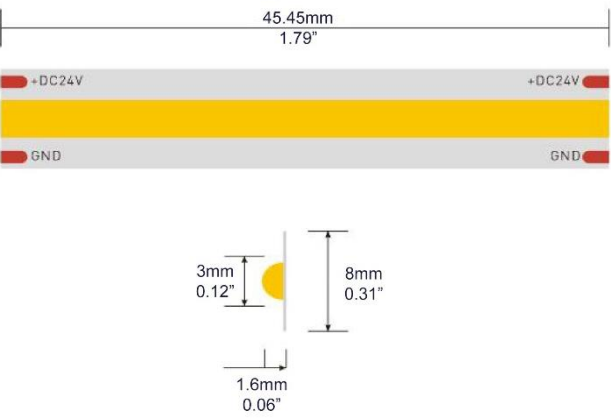| Length	1m	2m	3m	4m	5m
Voltage	23.48	23.10	22.83	22.67	22.66
Lumen	840.33	723.06	639.74	590.36	587.28
Lumen Reduction	0.00%	-13.96%	~-23.87%	~-29.75%	~-30.11%

Voltage and lumen reduction in a 5 meter length of LED strip. Make sure the power supply is operating at maximum 80% of its capacity.
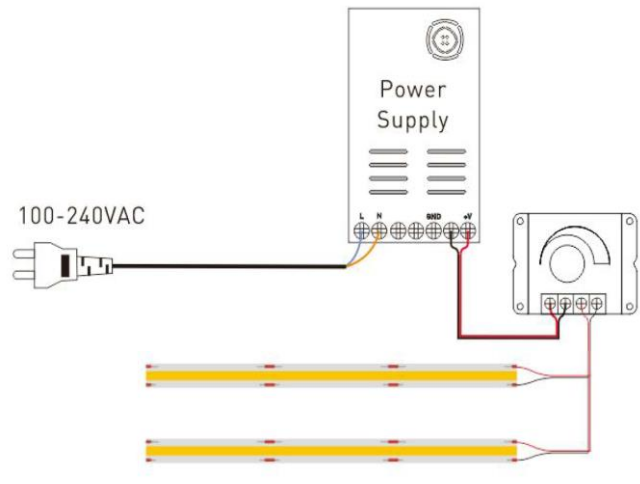

10W-30Min Temperatures
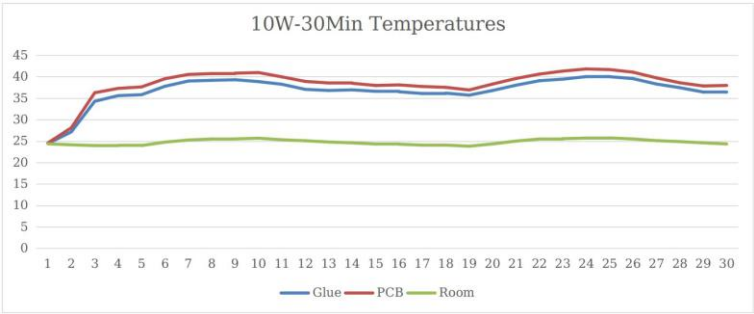
ST01
LED COB STRIP LIGHT

DIMENSIONS

INSTALLATION

ORDERING INFORMATION

EXAMPLE: PR-ST01-3000-65-10

SERIES	CCT(K°)	IP	LENGTH
PR-ST01	2700	20	5
	3000		10
	3500		20
	4000	65	5
	4500		10
	5000	68	5
	5500		10
	6000		
	6500		

APPLICATIONS

3740 William St, Burnaby, BC V5C 3H7
Phone: +1 (604) 294-2334, Toll free: +1 (877) 294-2334, Fax: +1 (604) 294-2126
www.premierlight.ca

LED COB Strip Light – ST01
Last update: Jan. 2024
Page 2 of 2