LFX COB SERIES SPEC SHEET

LFX-8W-COB-320-BG

YYZ LIGHTING

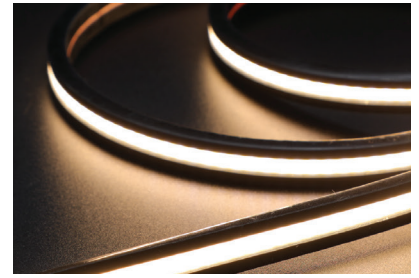CRI 90+ | **3M** TAPE | **IP67** INGRESS PROTECTION | c(UL)us LISTED | CE | **8W**

The YYZ LFX COB Series provides uniform, glare-free lighting with no visible light points. Featuring COB technology, the LEDs are encapsulated to reduce thermal resistance, extend lifespan, and ensure high light flux density. Ideal for indirect lighting in offices, homes, and furniture, it offers consistent, even illumination.

V 24V DC
Operating Voltage

W 8w/m
Rated power

SPECIFICATION

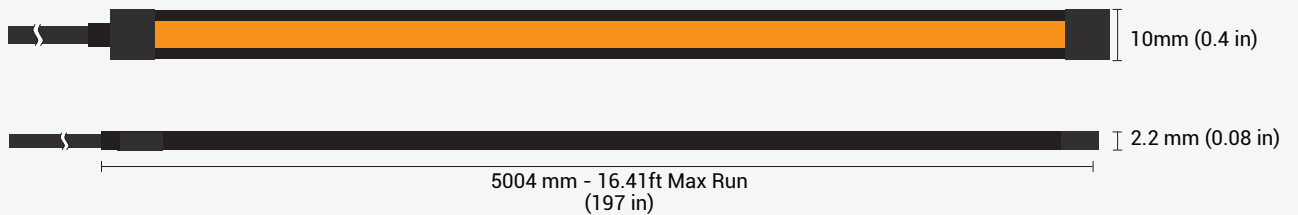|	
OPERATING VOLTAGE	24V DC
POWER	2.43W/ft (8W/m)
LED COUNT	97LEDs/ft (320LEDs/m)
CUTTING UNIT	16 LEDs
CUTTING LENGTH	1.97"/50mm
LUMENS	158lm/ft (520 lm/m) (@3000K)
CCT	2700K, 3000K, 4000K, 6500K
CRI	90
CONTROL	Switch / 0-10V Dimming
LENGTH/REEL	16.56ft (5.05m)
BEAM ANGLE	180°
OPERATING TEMP	-40°C to 55°C
IP RATING	IP67
WARRANTY	3 years

ORDERING CODE

PRODUCT SERIES	LOCATION	POWER	COLOR	LED TYPE	BIN	LED QTY	VOLTAGE	CC /CV	PCB Width	CRI	LED ROWS	CONNECTION
LFX - Linear Flex	O - Outdoor (IP65/67)	8W	CT27 - 2700K	COB	Z3 - High End 3 Step	320 - 320LEDs	24 - 24V	CV-Constant Voltage	10- 10mm	H-90+	1-Single	HT - Hard Wire Tail
			CT30 - 3000K									OC - Outdoor Connector
			CT40 - 4000K									
			CT65 - 6500K									

MODEL DESIGNATION	CLASSIFICATION COLOR CONTROL	LIGHT EMITTING DIRECTION	LED POWER	PCB COLOR	LENGTH PER REEL
R - Regular	M - Monochrome	T - Top Emitting	H - High	B - Black	L05 - 5 meters

Sample: LFX - I - 8W - CT27 - COB - Z3 - 320 - 24 - CC - 10 - H - 1 - HT - RMTHBL05

DIMENSIONS

10mm (0.4 in)

2.2 mm (0.08 in)

5004 mm - 16.41ft Max Run
(197 in)

ACCESSORIES SPECIFICATIONS

End Cup | Front Outlet End Cap | Clips | Glue | Screws
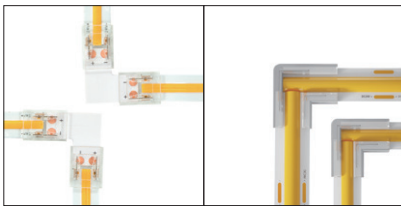
LFX COB SERIES
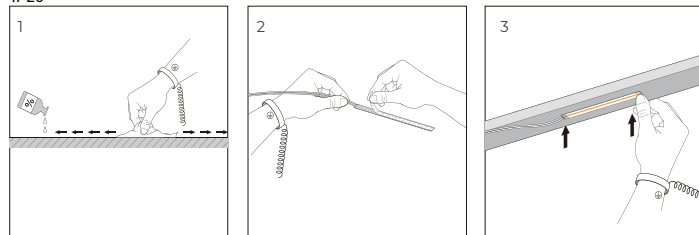# SPEC SHEET

LFX-8W-COB-320-BG

CONNECTORS

MONO

Series	Product			PCB Width	Product NO.
	BB PCB TO PCB	XB Cable to PCB	BXB PCB TO Cable to PCB		
LFX-COB Series Maximum Voltage: 36V Maximum Current: 5A				8mm	COB2P-CO8BB-G1 COB2P-CO8XB-G1 COB2P-CO8MBXB-G1
				10mm	COB2P-CO10BB-G1 COB2P-CO10XB-G1 COB2P-CO10MBXB-G1
LFX-COB Series Maximum Voltage: 36V Maximum Current: 5A				8mm	COB2P-CO8BB-G1 COB2P-CO8XB-G1 COB2P-CO8MBXB-G1
				10mm	COB2P-CO10BB-G1 COB2P-CO10XB-G1 COB2P-CO10MBXB-G1

L-Corner
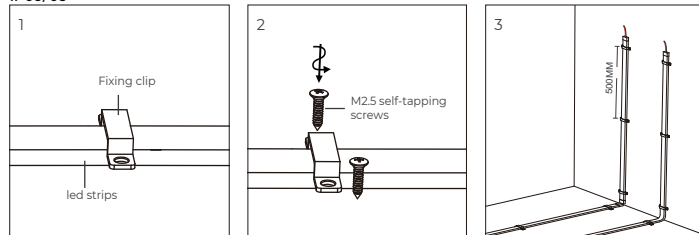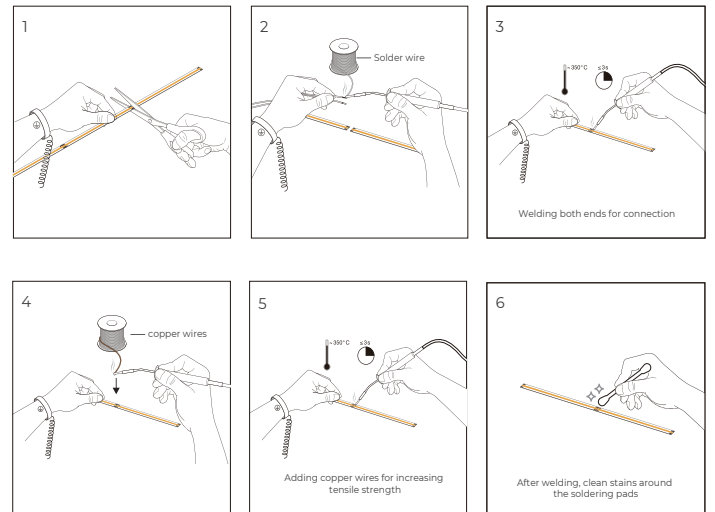

INSTALLATION

IP20

IP65/68

Fixing clip
led strips
M2.5 self-tapping screws
500MM

CUTTING

Solder wire
Welding both ends for connection

copper wires
Adding copper wires for increasing tensile strength
After welding, clean stains around the soldering pads

APPLICATION NOTE

1 Do not fold, break or twist.

2 Do not bend horizontally.

3 Do not press hard on the surface.

4 Do not cover it when using.

5 Do not connect the power cord to high voltage or unmatched voltage.

6 Do not cover by decoration coating.

7 Keep away from heat.

8 Do not use different drivers on one strip