



IP20 COB Series 12W 24V

Product No. : FH12W-P0-G1 COB9X 24V400S W10RL05



- 5 Years warranty.
- Bigger Chip, Long life span and brighter.
- High Efficacy, RA>90, up to 100lm/W.
- More Stable, No quality risk of lap welding.
- Dots-free, uniform lights, 180° light-emitting, 3.3mm luminous surface.

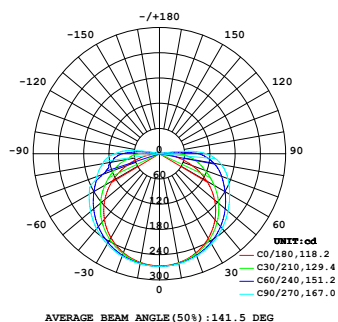


TECHNICAL DETAILS

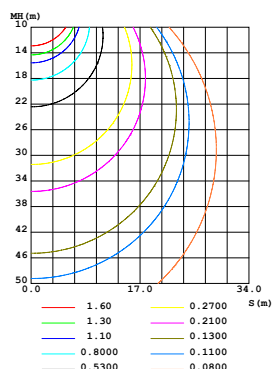
Product No.	FH12W-P0-G1 COB9X 24V400S W10RL05
Power	12W/M 3.66W/ft
Voltage	DC24V
CRI	90
Led Qty	400LEDs/M
Length/Reel	5M
Working Temperature	-20~50°C
Storage Temperature	-30~80°C
Voltage Range	23 ~25V dc
Reverse Voltage	25V dc

Light Distribution

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



CO PLANE ISOLUX DIAGRAM (UNIT:lx)

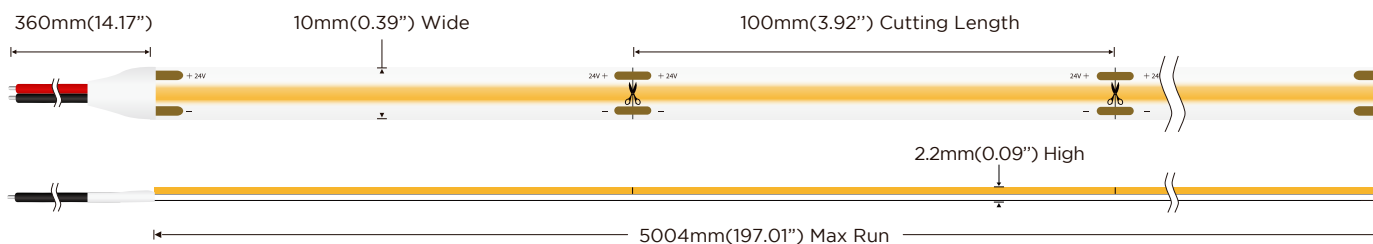


LUMENS PER METER

Color Temperature

2700K	1080lm
3000K	1060lm
4000K	1285lm
6500K	1285lm

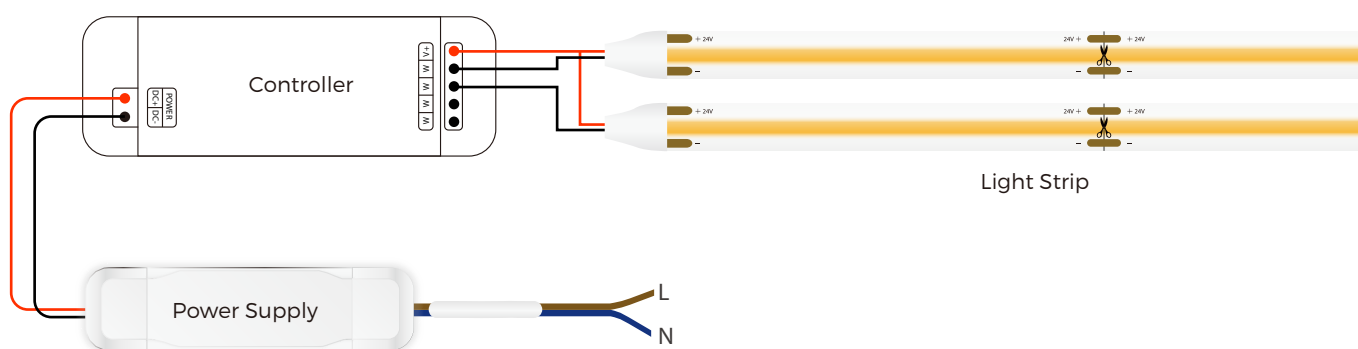
DIMENSION



CONNECTORS

Series	Product			PCB Width	Product NO.
	BB PCB to PCB	XB Cable to PCB	BXB PCB to Cable to PCB		
LD- COB H Series Maximum voltage: 36V Maximum current: 5A				8mm	COB2P-C08BB-G1 COB2P-C08XB-G1 COB2P-C08MBXB-G1
				10mm	COB2P-C10BB-G1 COB2P-C10XB-G1 COB2P-C10MBXB-G1
LD- COB E Series Maximum voltage: 36V Maximum current: 5A				8mm	COB2P-C08BB-G1 COB2P-C08XB-G1 COB2P-C08MBXB-G1
				10mm	COB2P-C10BB-G1 COB2P-C10XB-G1 COB2P-C10MBXB-G1

POWER CONNECTION DIAGRAM



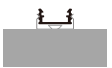

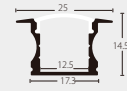





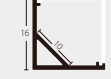






RECOMMENDED POWER SUPPLIES

Item Number	Description	Input Voltage	Output Voltage	Dimmable	Dimensions
DVH30-24-P0-G1 CP PC	Non-waterproof driver 30W	220-240	DC24V 1.25A	NO	160×42×30
DVH60-24-P0-G1 CP PC	Non-waterproof driver 60W	220-240	DC24V 2.5A	NO	187×45×30.5
DVH75-24-P0-G1 CP PC	Non-waterproof driver 75W	220-240	DC24V 3.125A	NO	187×45×30.5
DVH120-24-P0-G1 CP PC	Non-waterproof driver 120W	220-240	DC24V 5.0A	NO	268×45×30.5
DVH150-24-P0-G1 CP PC	Non-waterproof driver 150W	220-240	DC24V 6.25A	NO	268×45×30.5

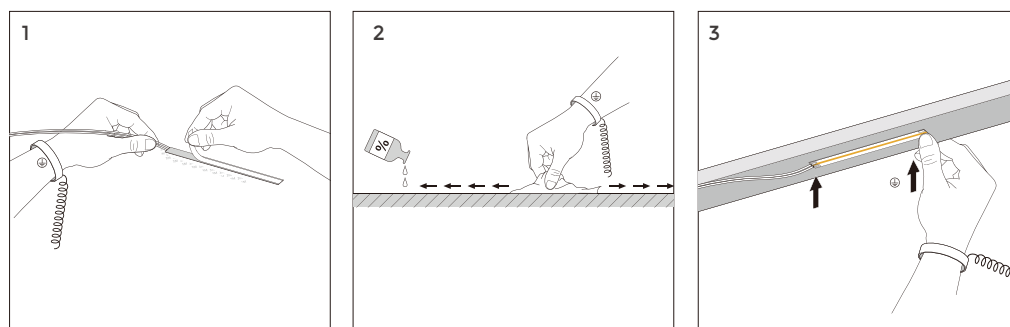
ALUMINUM PROFILE LIST

Cover: PC Transparent / PC Opal

	Section diagram	install	Product NO.	Slot size	PCB Width	Power
			15mm×7mm	-	≤ 10mm	≤ 10W/M
			24mm×15mm	21mm×16mm	≤ 12mm	≤ 18W/M
			17mm×15mm	-	≤ 12mm	≤ 16W/M
			16mm×16mm	-	≤ 10mm	≤ 15W/M
			16mm×16mm	-	≤ 10mm	≤ 15W/M

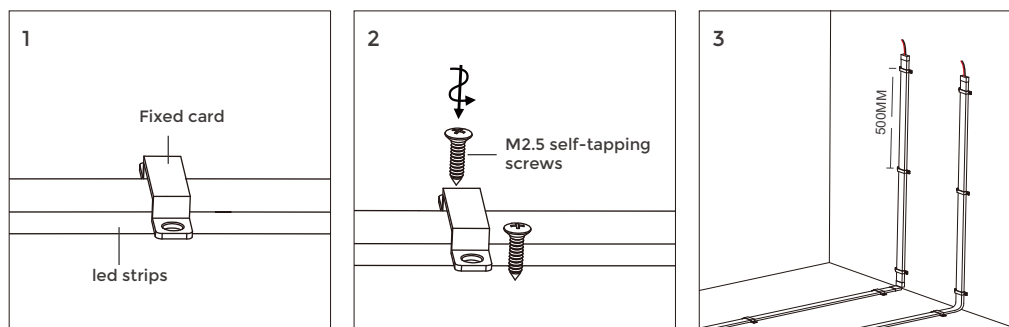
INSTALL

IP20



Clean the environment part to be attached with a cloth, as shown in Figure 1, and then tear off the 3M tape on the back of the light belt, and finally stick the light belt on the clean place.

IP65/IP68




Note: If rated power >15W/m, please make sure the installation environment with well-ventilated and good heat dissipation conditions.
Warning: Do not install it in a closed space and forbidden to cover it.

Please refer to the installation manual for details


APPLICAITON NOTE

1




Not allowed to fold, break, twist the led strips.

2



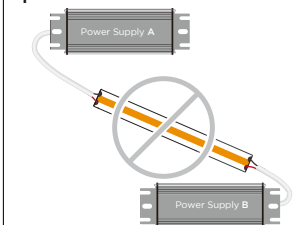
Not allowed to bend the led strips in the horizontal plane.

3



Not allowed to put excessive pressure on the surface of the chips.

4



Do not use different drivers on one strip

PACKING

N.W /CTN(KG)	QTY / CTN(reel)	G.W/CTN(KG)	CTN Size(cm)
-	-	-	-
