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Weldless

IP68 COB Series 15W 24V 480LEDs
Product No. : FH15W-P8-G1 COB9X 24V480S W10RL05

5 years warranty — MORE RELIABLE PERFORMANCE — COB

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

IP68 | COB | 180° | 5M | 5 years warranty
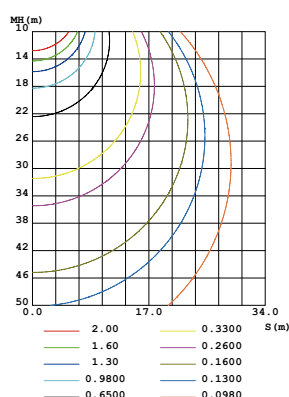
RoHS | DIMMABLE | CE | LM80 | UL

TECHNICAL DETAILS

Product No.	FH15W-P8-G1 COB9X 24V480S W10RL05
Power	15W/M 4.57W/ft
Voltage	DC24V
CRI	90
Led Qty	480LEDs/M
Length/Reel	5M
Working Temperature	-20~50℃
Storage Temperature	-30~80℃
Voltage Range	23 ~25V dc
Reverse Voltage	25V dc

LIGHT DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
C0/180,119.2
C30/210,132.6
C60/240,156.6
C90/270,171.9

AVERAGE BEAM ANGLE(50%):145.1 DEG
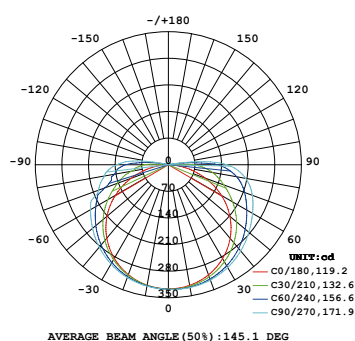
C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

2.00	0.3300
1.60	0.2600
1.30	0.1600
0.9800	0.1300
0.6500	0.0980

LUMENS PER METER

Color Temperature

2700K	1215lm
3000K	1245lm
4000K	1260lm
6500K	1260lm

DIMENSION

360mm(14.17") 30mm(1.18") 50mm(1.96") Cutting Length 12mm(0.47") Wide

10mm(0.39") 4.5mm(0.18') High 10mm(0.39")

5004mm(197.01") Max Run
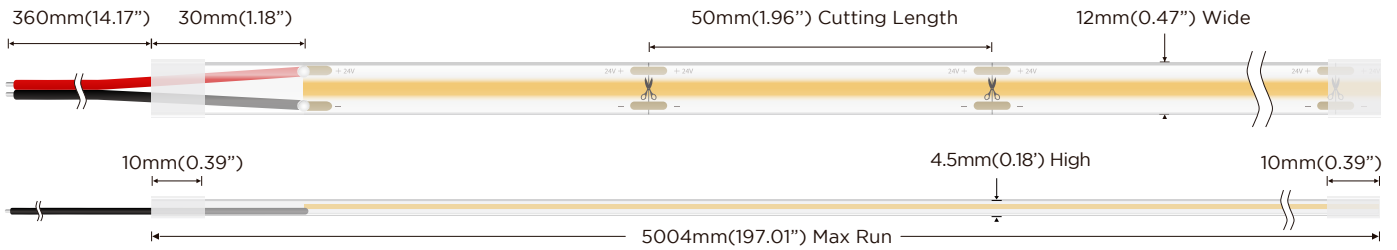
POWER CONNECTION DIAGRAM

Controller

Power Supply

Light Strip

L
N
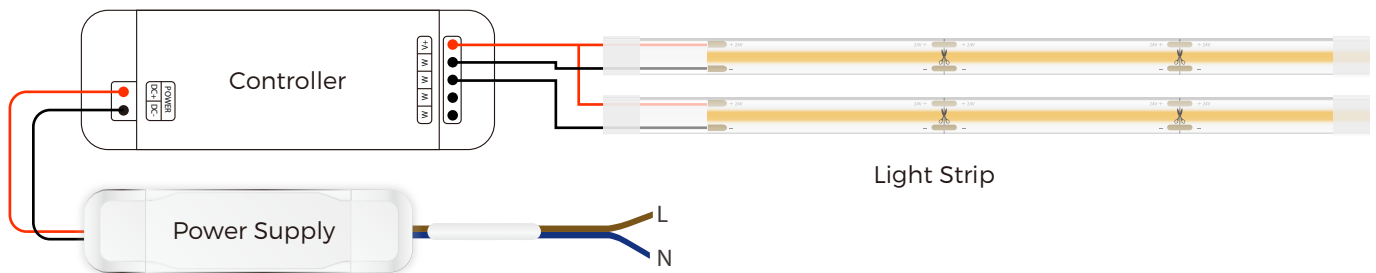
RECOMMENDED POWER SUPPLIES

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

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

INSTALL

IP20

1	2	3
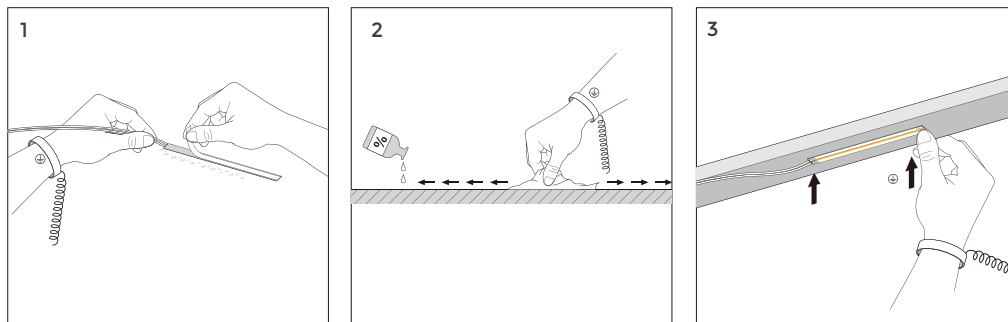
Clean the environment part to be attached with a cloth, as shown in Figure 1, and then tear off the 3M tape on the back of the light belt, and finally stick the light belt on the clean place.
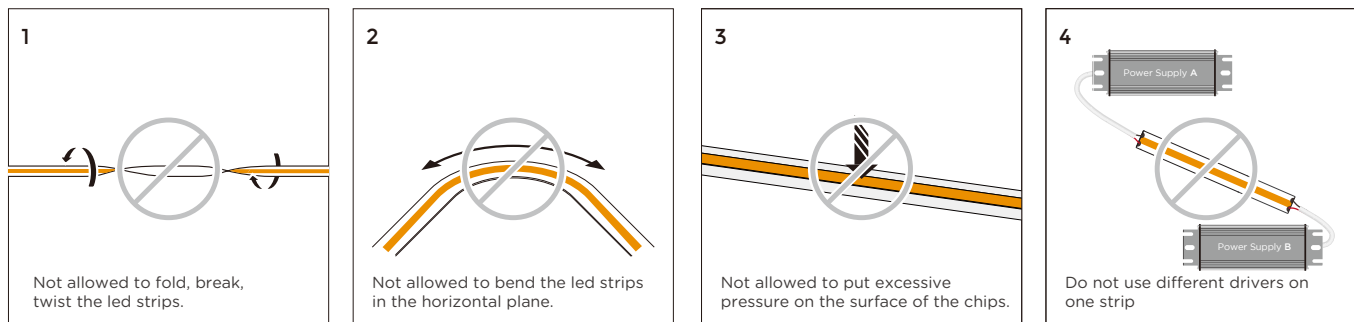
IP65/IP68

1	2	3

1 Fixed card / led strips

2 M2.5 self-tapping screws

3 500MM
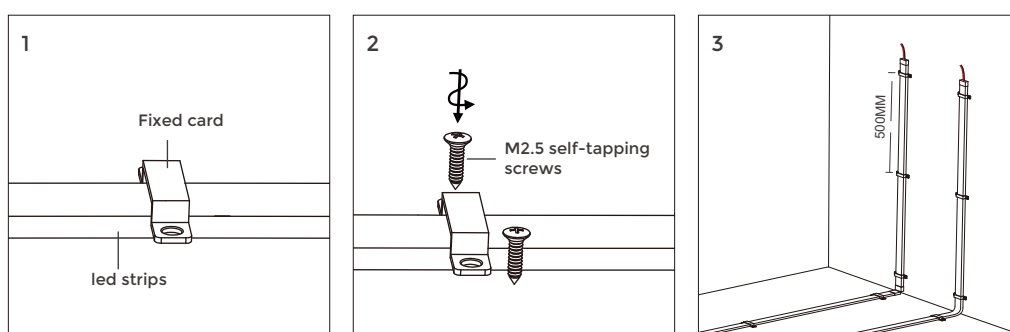
Note: If rated power >15W/m, please make sure the installation enveriment with well-ventilated and good heat dissipation conditions.
Warning: Do not install it in a closed space and forbidden to cover it.

Please refer to the installation manual for details

APPLICAITON NOTE

1	2	3	4

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 Power Supply A / Power Supply B
Do not use different drivers on one strip

PACKING

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

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