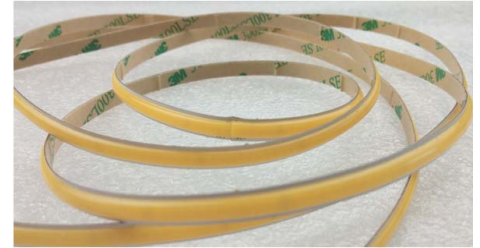


# COB Spot Free LED Flexible Strips



## Features

**LED:** COB LED

**Power:** 10W/m, 12W/m, 14W/m, 15W/m, 18W/m, 19W/m

**Voltage:** DC12V, DC24V

**CCT/Color:** 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, 6500K  
2700-6500K Adj, RGB, Red, Yellow, Blue, Green

**Waterproof:** IP20, IP67 (Silicone Tube)

COB Strip version bring you spot free feeling

## Applications

Cove Lighting

Architectural decorative lighting

Archway, canopy and bridge edge lighting

Auditorium walkway lighting

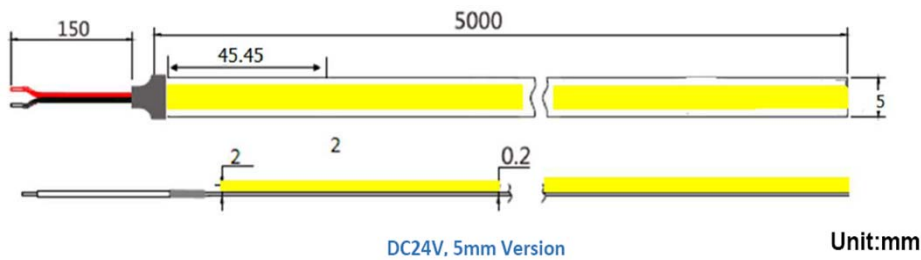
Backlighting for signage letters

Channel letter lighting

UL, CUL, CE, ROHS Approved

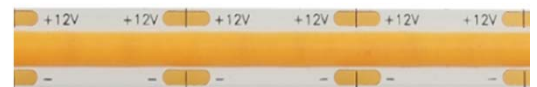
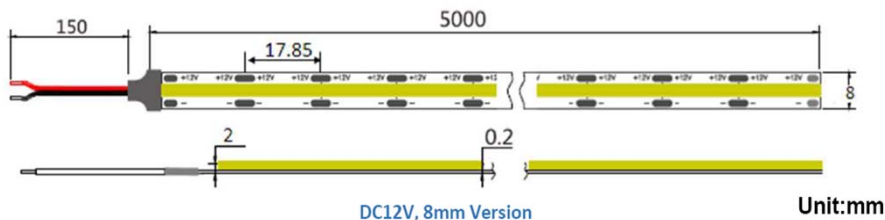
## A. Normal 170 degree beam angle version

### 1) 5mm Width, DC24V, 170 degree beam angle

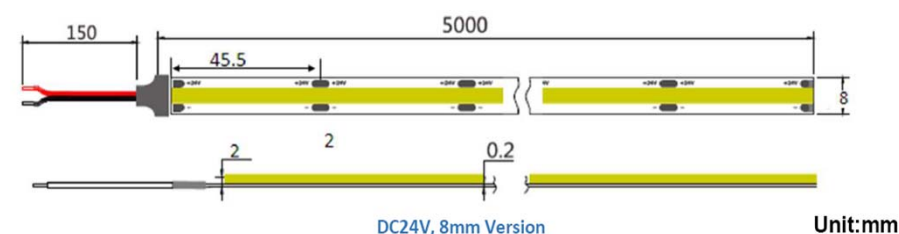


Model No.	LED Type	Power	Voltage	CRI (Ra)	Cutting	PCB Width	Water-Proof	Color	(CT:K)	Lumen (lm/m)
Q-F0603A264SA-WW-24-COB5	COB LED 528chips/ m	10W/m	DC24V	>90	45.45mm	5mm	IP20	Warm White	2700K	900-950
Q-F0603A264SA-W-24-COB5								Warm White	3000K	950-1000
Q-F0603A264SA-N-24-COB5								Nature White	4000K	950-1000
Q-F0603A264SA-P-24-COB5								Pure White	6500K	1000-1050

### 2) 8mm Width, DC12V, 170 degree beam angle



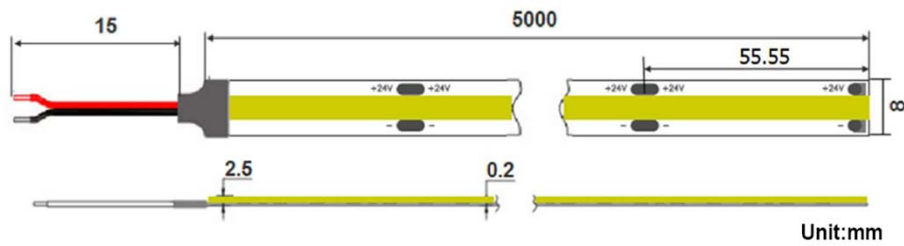
### 3) 8mm Width, DC24V, 170 degree beam angle



Model No.	LED Type	Power	Voltage	CRI (Ra)	Cutting	PCB Width	Water-Proof	Color	(CT:K)	Lumen (lm/m)
<b>8mm Width, 12V, 170 degree beam angle</b>										
Q-F0603X264SA-W-12-COB	COB LED 528chips/ m	12W/m	DC12V	>90	17.85mm	8mm	IP20 IP67	☐ Warm White	2700K/3000K	850-900
Q-F0603X264SA-N-12-COB								☐ Nature White	4000K	900-950
Q-F0603X264SA-P-12-COB								☐ Pure White	6500K	950-1000
<b>8mm Width, 24V, 170 degree beam angle</b>										
Q-F0603X264SA-W-24-COB	COB LED 528chips/ m	14W/m	DC24V	>90	45.45mm	8mm	IP20 IP67	☐ Warm White	2700K/3000K	1200-1300
Q-F0603X264SA-N-24-COB								☐ Nature White	4000K	1300-1350
Q-F0603X264SA-P-24-COB								☐ Pure White	6500K	1350-1450
Q-F0603X264SA-R-24-COB	COB LED 528chips/ m	14W/m	DC24V	/	45.45mm	8mm	IP20 IP67	☐ Red	620-630nm	160-170
Q-F0603X264SA-Y-24-COB								☐ Yellow	590-595nm	1000-1100
Q-F0603X264SA-B-24-COB								☐ Blue	460-470nm	160-170
Q-F0603X264SA-G-24-COB								☐ Green	520-525nm	900-980

Remark: X is for Waterproof type. A for Non-waterproof, C for IP67

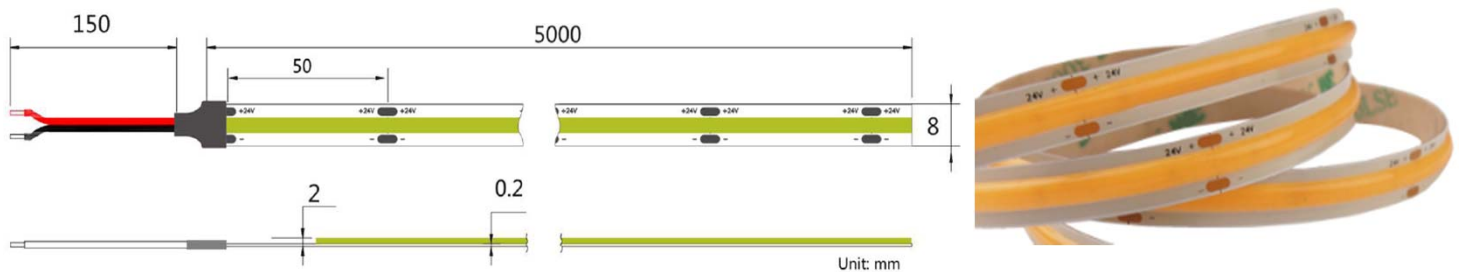
#### 4) Cost-Effective Series: 8mm Width, DC24V, 170 degree beam angle



Model No.	LED Type	Power	Voltage	CRI (Ra)	Cutting	PCB Width	Water-Proof	Color	(CT:K)	Lumen (lm/m)
S-F0603X189SA-WW-24-COBCES	COB LED 378chips/ m	10W/m	DC24V	>90	55.55mm	8mm	IP20	☐ Warm White	2700K	850-900
S-F0603X189SA-W-24-COBCES								☐ Warm White	3000K	900-950
S-F0603X189SA-N-24-COBCES								☐ Nature White	4000K	950-1000
S-F0603X189SA-P-24-COBCES								☐ Pure White	6500K	960-1020

Remark: X is for Waterproof type. A for Non-waterproof, C for IP67

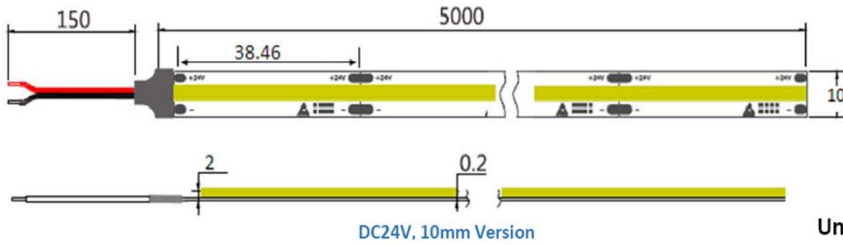
#### 5) NEW design super cost-Effective Series: 8mm Width, DC24V, 170 degree beam angle



Model No.	LED Type	Power	Voltage	CRI (Ra)	Cutting	PCB Width	Water-Proof	Color	(CT:K)	Lumen (lm/m)
S-F0603X160SA-WW-24-COBCES	COB LED 320chips/ m	10W/m	DC24V	>90	50mm	8mm	IP20	☐ Warm White	2700K	850-900
S-F0603X160SA-W-24-COBCES								☐ Warm White	3000K	900-950
S-F0603X160SA-N-24-COBCES								☐ Nature White	4000K	950-1000
S-F0603X160SA-P-24-COBCES								☐ Pure White	6500K	960-1020

Remark: X is for Waterproof type. A for Non-waterproof, C for IP67

6) 10mm Width, DC24V, 170 degree beam angle (12V also available)



DC24V, 10mm Version

Unit:mm

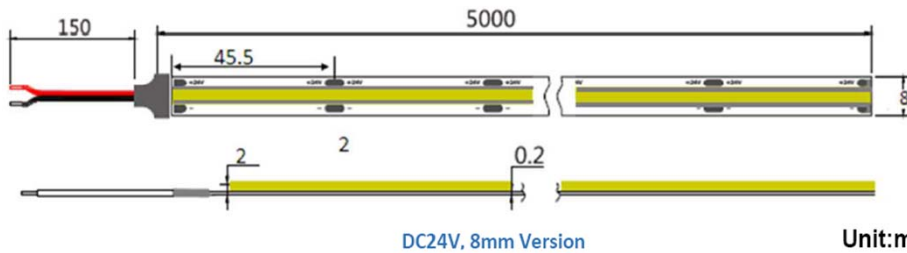


Model No.	LED Type	Power	Voltage	CRI (Ra)	Cutting	PCB Width	Water-Proof	Color	(CT:K)	Lumen (lm/m)
<b>10mm Width, 12V, 170 degree beam angle</b>										
Q-F0603X264SA-W-12-COB10	COB LED	12W/m	DC12V	>90	17.85mm	10mm	IP20 IP67	<input type="checkbox"/> Warm White	2700K/3000K	850-900
Q-F0603X264SA-N-12-COB10								<input type="checkbox"/> Nature White	4000K	900-950
Q-F0603X264SA-P-12-COB10								<input type="checkbox"/> Pure White	6500K	950-1000
<b>10mm Width, 24V, 170 degree beam angle</b>										
Q-F0603X264SA-WW-24-COB10	COB LED	18W/m	DC24V	>90	38.46mm	10mm	IP20 IP67	<input type="checkbox"/> Warm White	2200K/2700K	1350-1450
Q-F0603X264SA-W-24-COB10								<input type="checkbox"/> Warm White	3000K/3500K	1400-1500
Q-F0603X264SA-N-24-COB10								<input type="checkbox"/> Nature White	4000K/5000K	1500-1600
Q-F0603X264SA-P-24-COB10								<input type="checkbox"/> Pure White	6500K	1600-1700

Remark: X is for Waterproof type. A for Non-waterproof, C for IP67

**B. New 120 degree beam angle version- with bounding wall**

7) 8mm Width, DC24V, 120 degree beam angle, with bounding wall

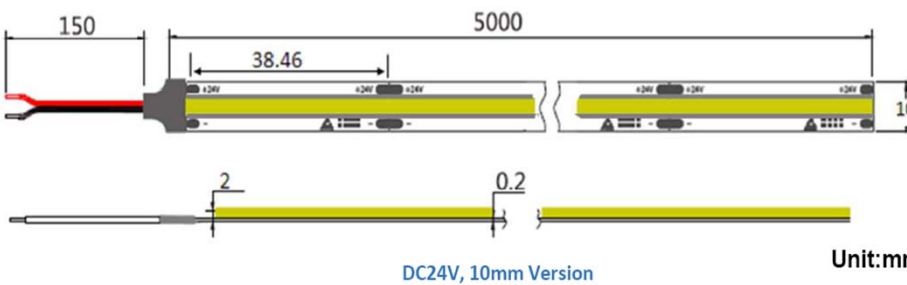


DC24V, 8mm Version

Unit:mm



8) 10mm width, DC24V, 120 degree beam angle, with bounding wall



DC24V, 10mm Version

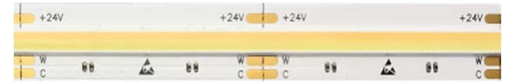
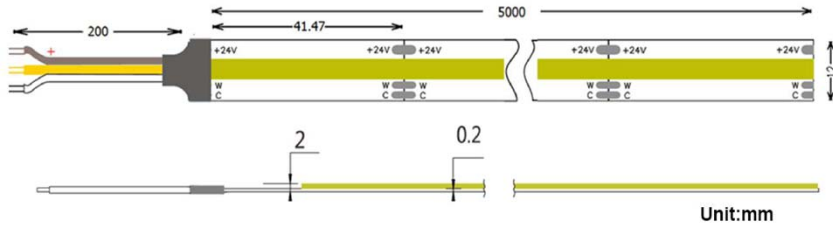
Unit:mm



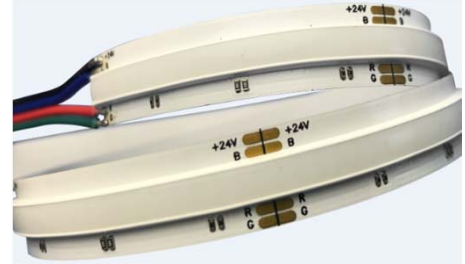
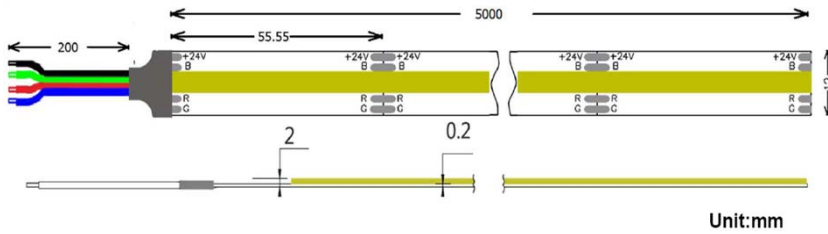
Model No.	LED Type	Power	Voltage	CRI (Ra)	Cutting	PCB Width	Water-Proof	Color	(CT:K)	Lumen (lm/m)
Q-F0603X264SA-WW-24-COBBW	COB	14W/m	DC24V	>90	45.45mm	8mm	IP20 IP67	<input type="checkbox"/> Warm White	2700K	1100-1200
Q-F0603X264SA-W-24-COBBW								<input type="checkbox"/> Warm White	3000K	1200-1300
Q-F0603X264SA-N-24-COBBW								<input type="checkbox"/> Nature White	4000K	1300-1350
Q-F0603X264SA-P-24-COBBW								<input type="checkbox"/> Pure White	6500K	1350-1450
Q-F0603X264SA-WW-24-COB10BW	COB	18W/m	DC24V	>90	38.46mm	10mm	IP20 IP67	<input type="checkbox"/> Warm White	2200K/2700K	1350-1450
Q-F0603X264SA-W-24-COB10BW								<input type="checkbox"/> Warm White	3000K/3500K	1400-1500
Q-F0603X264SA-N-24-COB10BW								<input type="checkbox"/> Nature White	4000K/5000K	1500-1600
Q-F0603X264SA-P-24-COB10BW								<input type="checkbox"/> Pure White	6500K	1600-1700

Remark: X is for Waterproof type. A for Non-waterproof, C for IP67

9) CCT ADJ (2700-6500K), DC24V, 120 degree beam angle, with bounding wall



10) RGB, DC24V, 120 degree beam angle, with bounding wall



Model No.	LED Type	Power	Voltage	CRI (Ra)	Cutting	PCB Width	Water-Proof	Color	(CT:K)	Lumen (lm/m)
Q-F0603X504SA-T-24-COB	COB	19W/m	DC24V	>90	41.47	12mm	IP20 IP67	Dual White	2700-6500K	1700-1800
Q-F0603X567SA-C-24-COB	COB	15W/m	DC24V	/	55.55	12mm	IP20 IP67	RGB ■: 620-630 ■: 520-525 ■: 465-470		500-600

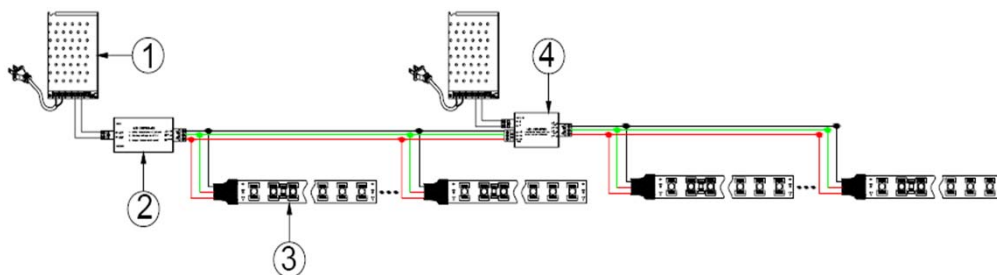
Remark: X is for Waterproof type. A for Non-waterproof, C for IP67

Connection drawings

For single color



For Dual White / RGB color



- ① Power supply
- ② LED CONTROLLER
- ③ LED lighting strips
- ④ AMPLIFIER