

# light<sup>rail</sup>

## COB STRIPS

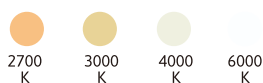
HIGH EFFICIENCY | LONG RUN



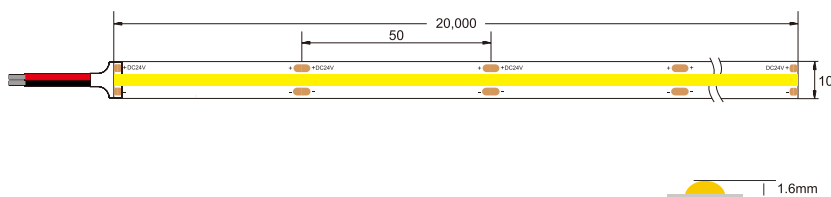


- 👍 Long run 20meters
- 👍 Constant current with IC
- 👍 CRI>90, R9>50
- 👍 No lumen different head to end
- 👍 IP65, IP67 are available
- 👍 Max 20meter power at single end

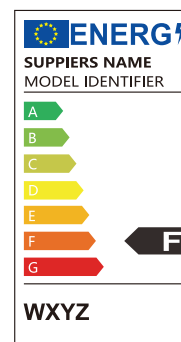
### IP rate



### Dimensions



### ERP Energy Class



### Electrical Data

- LED type: COB
- Number chips/m: 480chips/m
- Power W/m: 5W/m
- PCB width: 10mm
- Length: 20m

### Standards / Normative Requirements

- Protection class: EN60529
- Safety Requirements: EN62031 / IEC60598
- EMC/radio disturbance characteristics: EN55015
- ROHS: Yes
- CE: Yes

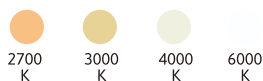
### Product Parameters

| Product code   | Color | CRI | R9  | Power (W/M) | Efficiency (LM/W) | Lumen (LM/M) | Voltage (V/DC) | Cut unit | SDCM | Max     |
|----------------|-------|-----|-----|-------------|-------------------|--------------|----------------|----------|------|---------|
| COB480.LR5.27K | 2700K | >90 | >50 | 5           | 75                | 375          | 24             | 50mm     | <3   | 20meter |
| COB480.LR5.3K  | 3000K | >90 | >50 | 5           | 80                | 400          | 24             | 50mm     | <3   | 20meter |
| COB480.LR5.4K  | 4000K | >90 | >50 | 5           | 90                | 450          | 24             | 50mm     | <3   | 20meter |
| COB480.LR5.6K  | 6000K | >90 | >50 | 5           | 90                | 450          | 24             | 50mm     | <5   | 20meter |

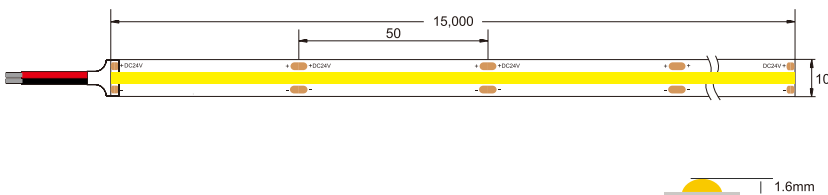


- 👍 Long run 15meters
- 👍 Constant current with IC
- 👍 CRI>90, R9>50
- 👍 No lumen different head to end
- 👍 IP65, IP67 are available
- 👍 Max 15meter power at single end

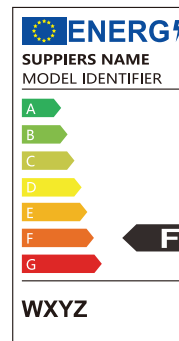
## IP rate



## Dimensions



## ERP Energy Class



## Electrical Data

- LED type: COB
- Number chips/m: 480chips/m
- Power W/m: 10W/m
- PCB width: 10mm
- Length: 15m

## Standards / Normative Requirements

- Protection class: EN60529
- Safety Requirements: EN62031 / IEC60598
- EMC/radio disturbance characteristics: EN55015
- ROHS: Yes
- CE: Yes

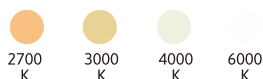
## Product Parameters

| Product code    | Color | CRI | R9  | Power (W/M) | Efficiency (LM/W) | Lumen (LM/M) | Voltage (V/DC) | Cut unit | SDCM | Max     |
|-----------------|-------|-----|-----|-------------|-------------------|--------------|----------------|----------|------|---------|
| COB480.LR10.27K | 2700K | >90 | >50 | 10          | 75                | 750          | 24             | 50mm     | <3   | 15meter |
| COB480.LR10.3K  | 3000K | >90 | >50 | 10          | 80                | 800          | 24             | 50mm     | <3   | 15meter |
| COB480.LR10.4K  | 4000K | >90 | >50 | 10          | 90                | 900          | 24             | 50mm     | <3   | 15meter |
| COB480.LR10.6K  | 6000K | >90 | >50 | 10          | 90                | 900          | 24             | 50mm     | <5   | 15meter |

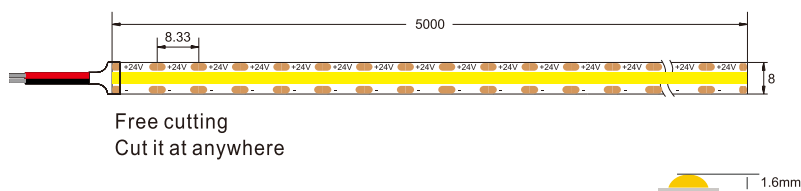


- 👍 Dot free
- 👍 Free cutting, Cut it at anywhere
- 👍 CRI>90, R9>50
- 👍 Match any length Alu profiles
- 👍 IP65, IP67 are available
- 👍 Max 5meter power at single end

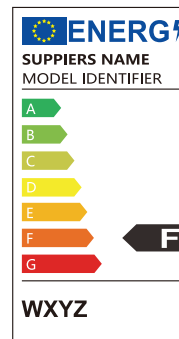
### IP rate



### Dimensions



### ERP Energy Class



### Electrical Data

- LED type: COB
- Number chips/m: 480chips/m
- Power W/m: 10W/m
- PCB width: 8mm
- Length: 5m

### Standards / Normative Requirements

- Protection class: EN60529
- Safety Requirements: EN62031 / IEC60598
- EMC/radio disturbance characteristics: EN55015
- ROHS: Yes
- CE: Yes

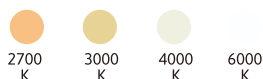
### Product Parameters

| Product code    | Color | CRI | R9  | Power (W/M) | Efficiency (LM/W) | Lumen (LM/M) | Voltage (V/DC) | Cut unit     | SDCM | Max    |
|-----------------|-------|-----|-----|-------------|-------------------|--------------|----------------|--------------|------|--------|
| ECOB480A.10.27K | 2700K | >90 | >50 | 10          | 76                | 760          | 24             | Free cutting | <3   | 5meter |
| ECOB480A.10.3K  | 3000K | >90 | >50 | 10          | 80                | 800          | 24             | Free cutting | <3   | 5meter |
| ECOB480A.10.4K  | 4000K | >90 | >50 | 10          | 90                | 900          | 24             | Free cutting | <3   | 5meter |
| ECOB480A.10.6K  | 6000K | >90 | >50 | 10          | 90                | 900          | 24             | Free cutting | <5   | 5meter |

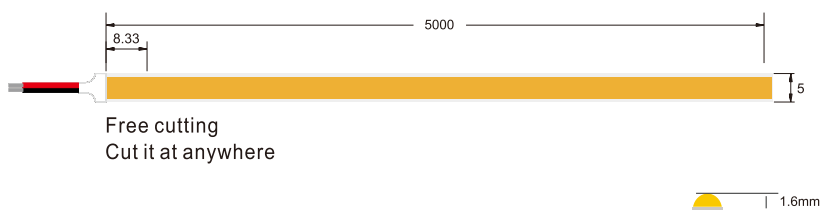


- 👍 Mini PCB just 5mm
- 👍 Free cutting, Cut it at anywhere
- 👍 CRI>90, R9>50
- 👍 Match any length Alu profiles
- 👍 IP65, IP66 are available
- 👍 Max 5meter power at single end

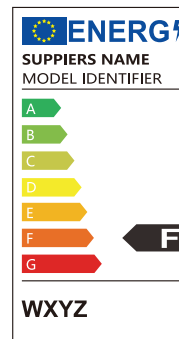
IP rate



### Dimensions



### ERP Energy Class



### Electrical Data

- LED type: COB
- Number chips/m: 480chips/m
- Power W/m: 7W/m
- PCB width: 5mm
- Length: 5m

### Standards / Normative Requirements

- Protection class: EN60529
- Safety Requirements: EN62031 / IEC60598
- EMC/radio disturbance characteristics: EN55015
- ROHS: Yes
- CE: Yes

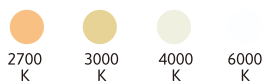
### Product Parameters

| Product code   | Color | CRI | R9  | Power (W/M) | Efficiency (LM/W) | Lumen (LM/M) | Voltage (V/DC) | Cut unit     | SDCM | Max    |
|----------------|-------|-----|-----|-------------|-------------------|--------------|----------------|--------------|------|--------|
| MCOB480A.7.27K | 2700K | >90 | >50 | 7           | 76                | 532          | 24             | Free cutting | <3   | 5meter |
| MCOB480A.7.3K  | 3000K | >90 | >50 | 7           | 80                | 560          | 24             | Free cutting | <3   | 5meter |
| MCOB480A.7.4K  | 4000K | >90 | >50 | 7           | 90                | 630          | 24             | Free cutting | <3   | 5meter |
| MCOB480A.7.6K  | 6000K | >90 | >50 | 7           | 90                | 630          | 24             | Free cutting | <5   | 5meter |

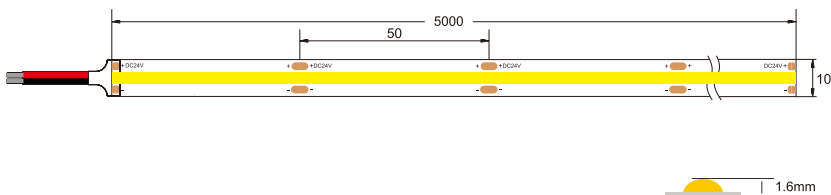


- 👍 Dot free
- 👍 9x22mil big size chips
- 👍 CRI>93, R9>50
- 👍 High efficiency 120-140LM/W
- 👍 IP65, IP67 are available
- 👍 Max 5meter power at single end

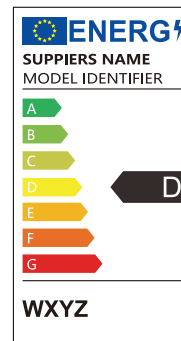
### 120-140LM/w



#### Dimensions



#### ERP Energy Class



#### Electrical Data

- LED type: COB
- Number chips/m: 480chips/m
- Power W/m: 12W/m
- PCB width: 10mm
- Length: 5m

#### Standards / Normative Requirements

- Protection class: EN60529
- Safety Requirements: EN62031 / IEC60598
- EMC/radio disturbance characteristics: EN55015
- ROHS: Yes
- CE: Yes

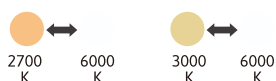
#### Product Parameters

| Product code    | Color | CRI | R9  | Power (W/M) | Efficiency (LM/W) | Lumen (LM/M) | Voltage (V/DC) | Cut unit | SDCM | Max    |
|-----------------|-------|-----|-----|-------------|-------------------|--------------|----------------|----------|------|--------|
| COB480.HE12.27K | 2700K | >93 | >50 | 12          | 120               | 1440         | 24             | 50mm     | <3   | 5meter |
| COB480.HE12.3K  | 3000K | >93 | >50 | 12          | 125               | 1500         | 24             | 50mm     | <3   | 5meter |
| COB480.HE12.4K  | 4000K | >93 | >50 | 12          | 130               | 1560         | 24             | 50mm     | <3   | 5meter |
| COB480.HE12.6K  | 6000K | >93 | >50 | 12          | 140               | 1560         | 24             | 50mm     | <5   | 5meter |

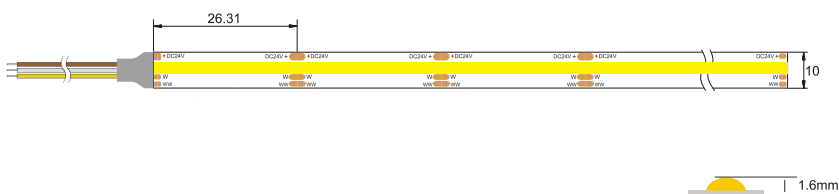


- Can match connectors
- From 2700K-6500K
- CRI>95, R9>60
- High efficiency 115lm/w
- IP65, IP67 are available
- Max 5meter power at single end

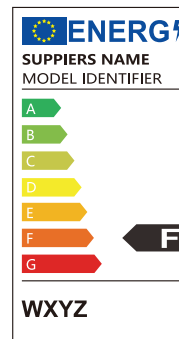
### IP rate



### Dimensions



### ERP Energy Class



### Electrical Data

- LED type: COB
- Number chips/m: 608chips/m
- Power W/m: 22W/m
- PCB width: 10mm
- Length: 5m

### Standards / Normative Requirements

- Protection class: EN60529
- Safety Requirements: EN62031 / IEC60598
- EMC/radio disturbance characteristics: EN55015
- ROHS: Yes
- CE: Yes

### Product Parameters

| Product code | Color | CRI | R9  | Power (W/M) | Efficiency (LM/W) | Lumen (LM/M) | Voltage (V/DC) | Cut unit | SDCM | Max    |
|--------------|-------|-----|-----|-------------|-------------------|--------------|----------------|----------|------|--------|
| COB608.22.TW | 2700K | >95 | >60 | 11          | 76                | 836          | 24             | 26.31mm  | <3   | 5meter |
| COB608.22.TW | 3000K | >95 | >60 | 11          | 80                | 880          | 24             | 26.31mm  | <3   | 5meter |
| COB608.22.TW | 4000K | >95 | >60 | 11          | 100               | 1100         | 24             | 26.31mm  | <3   | 5meter |
| COB608.22.TW | 6000K | >95 | >60 | 11          | 115               | 1265         | 24             | 26.31mm  | <5   | 5meter |

Remarks: For tunable white cob strip wattage is 22W/m, warm white 11W/m, cool white 11W/m.

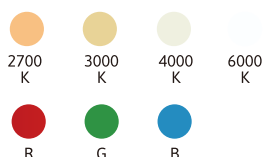


- Can match all RGBW controllers
- RGB+2700K, 3000K, 6500K
- CRI>90, R9>50
- Short cut 31.25mm
- IP65, IP67 are available
- Max 5meter power at single end

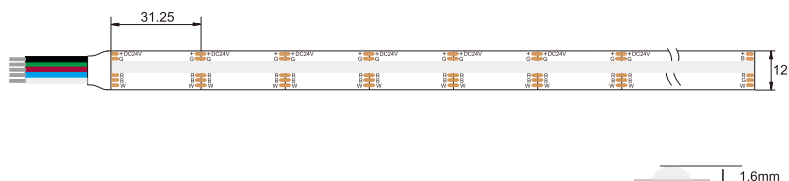
### Application effect



### IP rate



### Dimensions



### Electrical Data

- LED type: COB
- Number chips/m: 896chips/m
- Power W/m: 20W/m
- PCB width: 12mm
- Length: 5m

### Standards / Normative Requirements

- Protection class: EN60529
- Safety Requirements: EN62031 / IEC60598
- EMC/radio disturbance characteristics: EN55015
- ROHS: Yes
- CE: Yes

### Product Parameters

| Product code       | Color | Wavelength (nm) | R9  | Power (W/M) | Efficiency (LM/W) | Lumen (LM/M) | Voltage (V/DC) | Cut unit | SDCM | Max    |
|--------------------|-------|-----------------|-----|-------------|-------------------|--------------|----------------|----------|------|--------|
| COB896.20.RGBW     | RED   | 620-625         | /   | 6           | 26                | 156          | 24             | 31.25mm  | /    | 5meter |
| COB896.20.RGBW     | GREEN | 520-525         | /   | 4           | 97                | 388          | 24             | 31.25mm  | /    | 5meter |
| COB896.20.RGBW     | BLUE  | 465-470         | /   | 5           | 18.5              | 92.5         | 24             | 31.25mm  | /    | 5meter |
| COB896.20.RGBW.27K | 2700K | >90             | >50 | 5           | 62                | 310          | 24             | 31.25mm  | /    | 5meter |
| COB896.20.RGBW.3K  | 3000K | >90             | >50 | 5           | 65                | 325          | 24             | 31.25mm  | /    | 5meter |
| COB896.20.RGBW     | RGBW  | /               | /   | 20          | 41.8              | 836          | 24             | 31.25mm  | /    | 5meter |