



- High-efficient Flexible LED Strip
- 8LEDs/section high efficiency, up to 165lm/W
- High color consistency, SDCM<5, optional for SDCM<3
- High CRI >90, SMD 2835 LED
- Beam Angle 120°
- Durable 2oz Rolled Copper FPC
- 6 LEDs/section, 100mm (3.93") cuttable unit
- 5-meter roll electrostatic bag package
- IP20, IP65 and IP67 version available
- 50,000H @L70 long lifetime



## ORDERING GUIDE

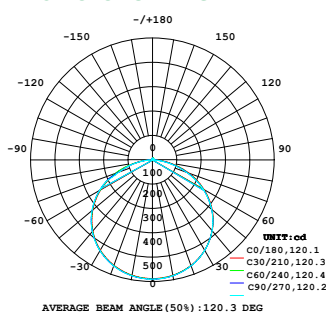
| PART #           | INPUT (Vdc) | POWER/ M (W) | POWER/ FT (W) | # OF LEDs/M | EFFICACY lm/W | CRI | Voltage Range | Reverse Voltage | PCB Width | FINISH          |
|------------------|-------------|--------------|---------------|-------------|---------------|-----|---------------|-----------------|-----------|-----------------|
| SH2835-8024-1008 | 24V         | 9.6          | 2.93          | 80          | 165           | 90  | 23~25Vdc      | 25Vdc           | 8mm       | White FPC Board |
| SH2835-8012-1008 | 12V         | 9.6          | 2.93          | 80          | 165           | 90  | 23~25Vdc      | 25Vdc           | 8mm       | White FPC Board |

## LUMENS PER METER

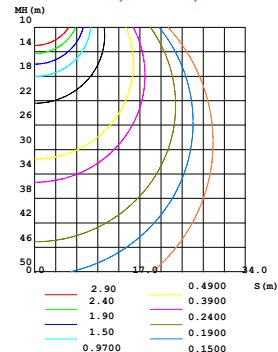
## LUMINAIRE PHOTOMETRIC

| Color Temperature | Lumen per meter |
|-------------------|-----------------|
| 2700K             | 1360lm          |
| 3000K             | 1445lm          |
| 4000K             | 1585lm          |
| 5000K             | 1475lm          |
| 6000K             | 1525lm          |

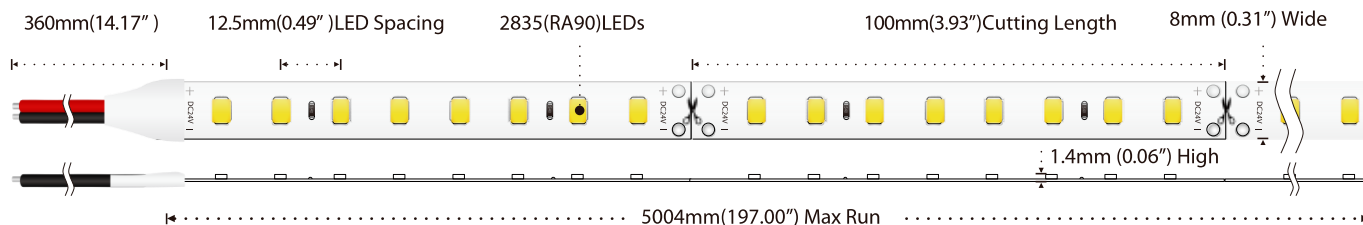
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



CO PLANE ISOLUX DIAGRAM (UNIT: lx)



## DIMENSION



## ACCESSORIES



Part#: S8-SS2A  
8mm Strip-to-Strip



Part#: S8-SW2  
8mm Strip-to-Wire



Part#: S8-SS2B  
8mm Strip-to-Strip



Part#: S8-SW2B  
8mm Strip-to-Wire



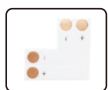
Part#: S8-SW2C  
8mm Strip-to-Wire



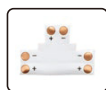
Part#: 2WWI  
2 wire-to-wire fast connector



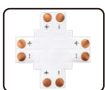
Part#: 2WWT  
2 wire-to-wire T fast connector



Part#: F8L  
8mm FPC L-connector



Part#: F8T  
8mm FPC T-Connector



Part#: F8T  
8mm FPC X-Connector

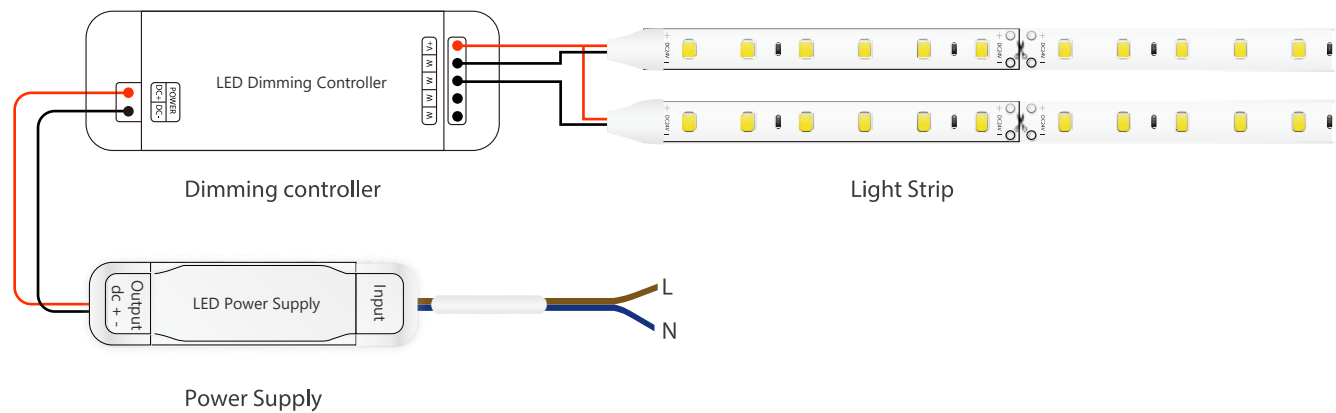


Part#: S8FD  
8mm Dome Strip Fixing Holder



Part#: S8FF  
8mm Flat Strip Fixing Holder

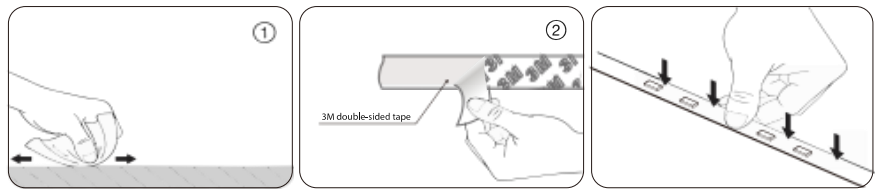
POWER CONNECTION DIAGRAM



RECOMMENDED POWER SUPPLIES

| Item Number        | Description                | Input Voltage | Output Voltage | Dimmable | Dimensions  |
|--------------------|----------------------------|---------------|----------------|----------|-------------|
| DVH30-24-P0-G1 CP  | Non-waterproof driver 30W  | 120~277Vac    | DC24V 1.25A    | NO       | 160×42×30   |
| DVH60-24-P0-G1 CP  | Non-waterproof driver 60W  | 120~277Vac    | DC24V 2.5A     | NO       | 187×45×30.5 |
| DVH75-24-P0-G1 CP  | Non-waterproof driver 75W  | 120~277Vac    | DC24V 3.125A   | NO       | 187×45×30.5 |
| DVH120-24-P0-G1 CP | Non-waterproof driver 120W | 120~277Vac    | DC24V 5.0A     | NO       | 268×45×30.5 |
| DVH150-24-P0-G1 CP | Non-waterproof driver 150W | 120~277Vac    | DC24V 6.25A    | NO       | 268×45×30.5 |

INSTALLATION



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.

\*Please refer to the installation manual for details

PACKAGING

| Strip Length  | Net Weight | Reel Size | Electrostatic Bag Size | # of Bags / Inner Box | Inner Box Dimension | Inner Box Gross Weight |
|---------------|------------|-----------|------------------------|-----------------------|---------------------|------------------------|
| 5 meters/reel | 0.11 kg    | 7 x 8 mm  | 240 x 220 mm           | 25                    | 360x240x240 mm      | 3 kg                   |

| # of Inner Box / Carton Box | # of Reels / Carton Box | Carton Box Dimension | Gross Weight | # Boxes / 20' FCL | Volume | Weight  |
|-----------------------------|-------------------------|----------------------|--------------|-------------------|--------|---------|
| 2                           | 50                      | 485x260x380 mm       | 6.3 kg       | 500               | 25 CBM | 3,150kg |

