

## **CD8-SDXXC9X-20W Data Sheet**

### **Features (產品特徵)**

- ◆ Light source: SMD LED  
(光源:SMD LED)
- ◆ NO UV or IR light radiation  
(沒有紫外線和紅外線輻射光)
- ◆ Full range of white colors available  
(白光全系列色溫都可選擇)
- ◆ Long Lifetime >40000 hours  
(壽命>40000小時)
- ◆ Power consumption up to **20W**  
(消耗功率:**20W**)
- ◆ No mercury and ROHS compliant  
(沒有汞可通過無鉛環保認證)



### **Typical Applications(典型應用)**

- ◆ Indoor Lighting (室內照明)
- ◆ Architectural Lighting (建築照明)
- ◆ Office Lighting (辦公照明)

### **Product Specifications (產品規格)**

| Parameter(參數)                 | Description(描述)                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| Optical lens (透光罩)            | Plastic Cover optical lens(PC 擴光罩)                                                    |
| Housing (主體)                  | Anodizing Aluminum(鋁合金)                                                               |
| Operation Temperature(操作溫度)   | -20℃ ~+40℃                                                                            |
| Storage Temperature(儲存溫度)     | -40℃ ~+70℃                                                                            |
| Ac to DC Power Supply(驅動電源參數) | AC input and 54 VDC (max)<br>/Constant current 350mA output<br>(最大電壓 DC54V/恒電流 350MA) |

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### Part Number Explanation

| Model(產品類型)          | Special code(尺寸規格)        | LED Type(LED 類型)          |
|----------------------|---------------------------|---------------------------|
| CD8-SDXXXC9X-20W     | CD <b>8</b> -SDXXXC9X-20W | CD8- <b>S</b> DXXXC9X-20W |
| D: Down Light (明裝筒燈) | 8: 8" (8 寸)               | S: SMD LED                |

| CRI(顯色指數)        | CCT(色溫)                   | Product color (產品外型顏色)    |
|------------------|---------------------------|---------------------------|
| CD8-SDXXXC9X-20W | CD8-SD <b>XX</b> XC9X-20W | CD8-SDXX <b>X</b> C9X-20W |
| D: $\geq 80$ Ra  | 30: 2500~3500K            | W: White (白色)             |
|                  | 40: 3500~4500K            | B: Bblack (黑色)            |
|                  | 60: 5500~6500K            |                           |

| Input Voltage(使用電壓)       | Power Factor(功率因數)        | Power Specification (電源類型)   |
|---------------------------|---------------------------|------------------------------|
| CD8-SDXXX <b>C</b> 9X-20W | CD8-SDXXXC <b>9</b> X-20W | CD8-SDXXXC9 <b>X</b> -20W    |
| A: AC 175~265V            | 9: PF $\geq 0.9$          | -: Power with CE(有 CE 電源)    |
| B: AC 90~140V             | 5: No Factor (無功率因數)      | F: Power without CE(無 CE 電源) |
| C: AC 90~265V             |                           |                              |

| Wattage(消耗功率)            |
|--------------------------|
| CD8-SDXXXC9X- <b>20W</b> |
| 20W : 20W                |

### Photoelectric parameters (光電參數)

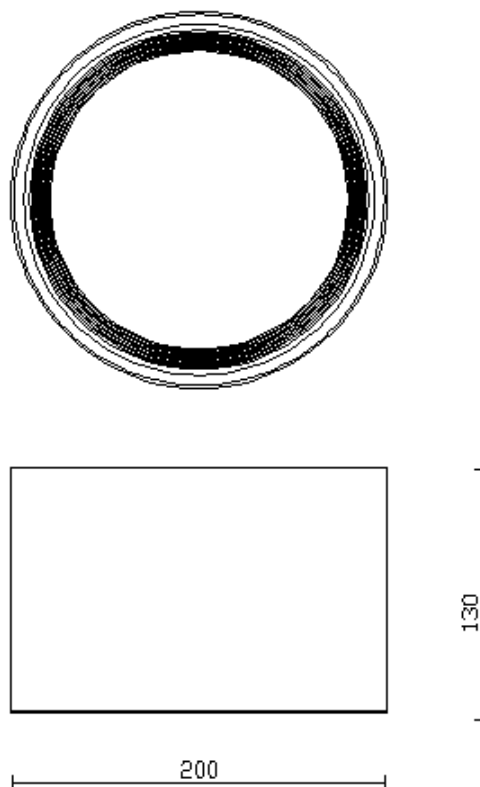
| Model No. (產品型號)             | CD8-SDXXXC9X-20W               |      |
|------------------------------|--------------------------------|------|
| Parameter (參數)               | Min.                           | Typ. |
| Power Consumption (W) (消耗功率) |                                | 20   |
| Net Weight (g) (產品重量)        |                                | 840  |
| D30(2500~3500K)              | Luminous Flux (lm) (光通量)       | 1530 |
| D40(3500~4500K)              | Illuminance @ 1m (lux) (1 米照度) | 560  |
| D60(5500~6500K)              | Luminous Flux (lm) (光通量)       | 1700 |
|                              | Illuminance @ 1m (lux) (1 米照度) | 630  |

Power Consumption, Weight, Luminous flux measurement allowance is  $\pm 15\%$ .

All specifications involving life and performance are based upon a 25°C ambient temperature. (以上資料公差為 $\pm 15\%$ 、測試的資料是在25°C的環境溫度下進行)

## **CD8-SDXXXC9X-20W Data Sheet**

### **Mechanical Dimensions (產品尺寸圖)**

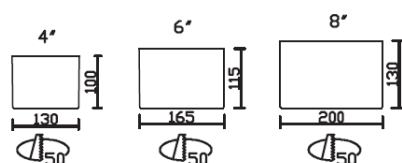
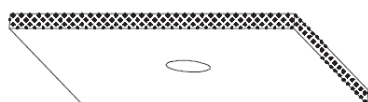


Notes(注釋): 1. Dimensions are in millimeters (上圖尺寸資料單位為：MM)

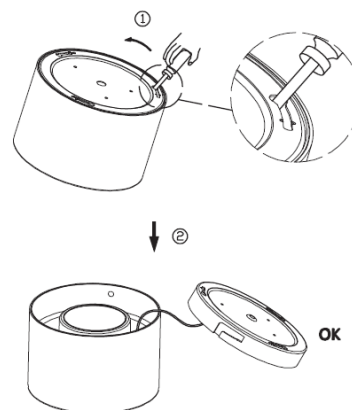
2. Tolerances unless dimensions  $\pm 0.5\text{mm}$  (沒注公差的數據公差為： $\pm 0.5\text{mm}$ )

### **Installation(安裝)**

1.

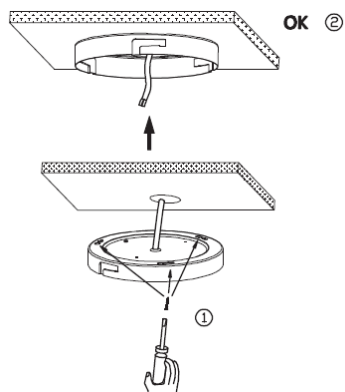


2.

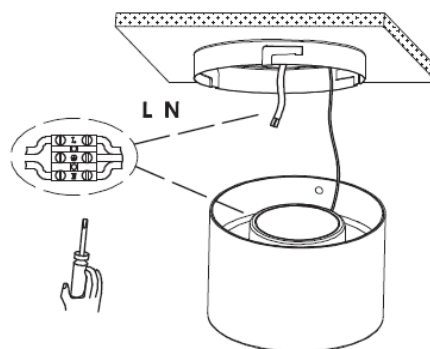


## **CD8-SDXXXC9X-20W Data Sheet**

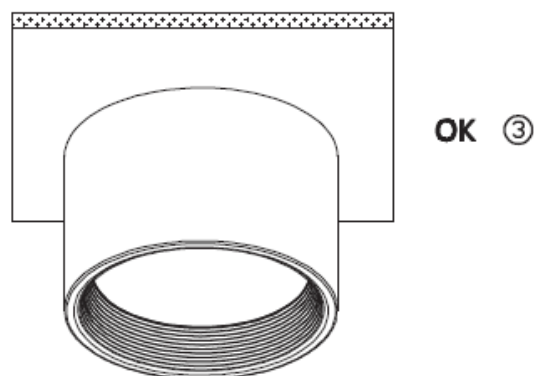
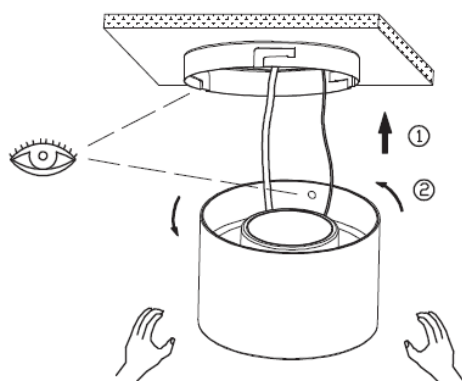
3.



4.

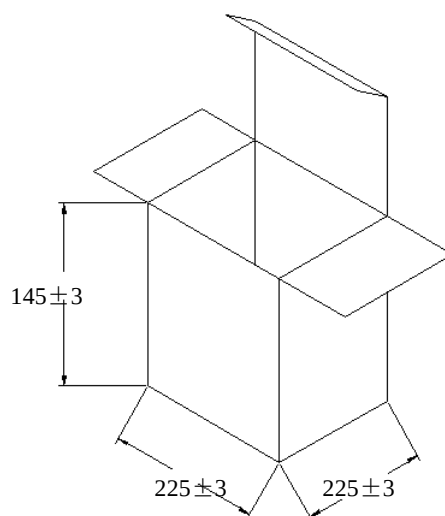


5.



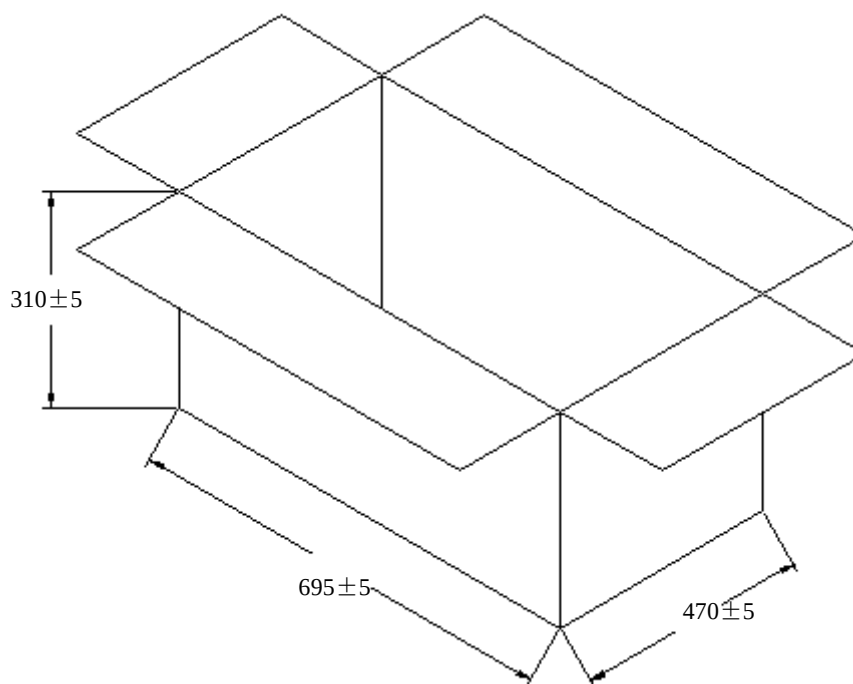
### **Dimensions of Carton (產品包裝)**

#### **1. Single Unit:(內盒)**



## **CD8-SDXXXC9X-20W Data Sheet**

2. Carton: 12 PCS Unit Boxes (12 個為一箱)



Notes: Dimensions are in millimeters. (上圖尺寸資料單位為：MM)