

# CWA

## LED Light Bar



Daylight

IP65

CWA-3S-CD

CWA-6S-CD

CWA-9S-CD

## Affordable replacement for fluorescent lighting.

An affordable replacement, the slim LED light bar can outperform a conventional fluorescent lamp. The protection rating of IP65 is a standard which allows installation in most common environments.

### FEATURES

- Available for DC 24V applications
- Long-lasting LED's greatly reduce maintenance costs
- Total luminous flux of 350lm, 100lx luminance at 1m (Voltage: DC24V)
- A set of two stainless-steel mounting brackets is a standard accessory
- Operating temperature range from -30 to +60 degrees C.
- LED color temperature is Daylight (6500K)

## How to Order

| CWA <input type="checkbox"/> S - 24 - CD |  |                          |                        |
|--|--|--------------------------|------------------------|
| Model                                    |  | Color                    | CD : Daylight          |
| Light Bar Length                         |  | Rated Voltage            | 24 : 24V DC            |
| 3 : 300mm                                |  | Connector Specifications | S : Side-exiting Cable |
| 6 : 600mm                                |  |                          |                        |
| 9 : 900mm                                |  |                          |                        |

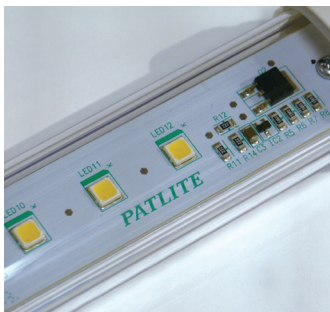
## Specifications

| Model                         | CWA3S-24-CD                                       | CWA6S-24-CD | CWA9S-24-CD |
|-------------------------------|---|-------------|-------------|
| Luminous Color                | Daylight  |             |             |
| Color Temperature (typ.)      | 6500K   |             |             |
| Illuminance (at DC24V)        | 1.0m  | 440 lx      | 800 lx      |
| Total Luminous Flux (typ.)    |   | 350 lm      | 700 lm      |
| Operating Voltage Range       | 24VDC $\pm 10\%$                                  |             |             |
| Current Consumption           | 180mA   | 360mA       | 540mA       |
| Rated Power Consumption       | 6W  | 12W         | 18W         |
| Operating Ambient Temperature | -30°C - +60°C                                     |             |             |
| Operating Ambient Humidity    | 90% RH or less, no condensation                   |             |             |
| Main Unit Material            | Body: Polycarbonate Resin; Packing: Silicon       |             |             |
| Cable Length                  | 3 meters  |             |             |
| Mounting Location             | Indoors   |             |             |
| Protection Rating             | IP65 (Cable ends not included)                    |             |             |
| Insulation Resistance         | 500V DC 5M $\Omega$ or more                       |             |             |
| Withstand Voltage             | 500VAC for 1 minute (Between terminals and screw) |             |             |
| Vibration Resistance          | 30Hz 19.6m/s <sup>2</sup>                         |             |             |
| Mass (Tolerance $\pm 10\%$ )  | 215g  | 385g        | 540g        |

## Standard Accessory



## Highly reliable LED chips are used



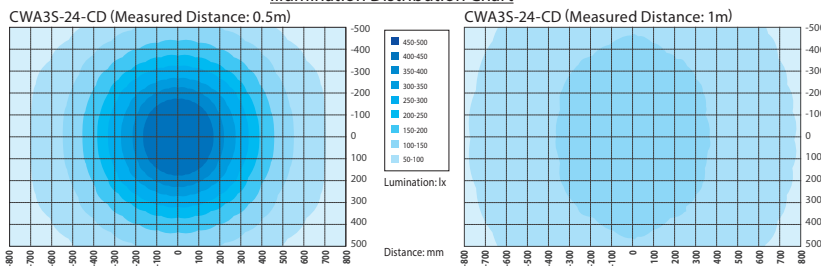
High-definition LED chip

The highly reliable LED chip, which is the core of LED lighting, has nearly 10 times (about 40,000 hours) the lifespan (based on LED brightness of 70%) in comparison to the common fluorescent light, it also does not contain any mercury.

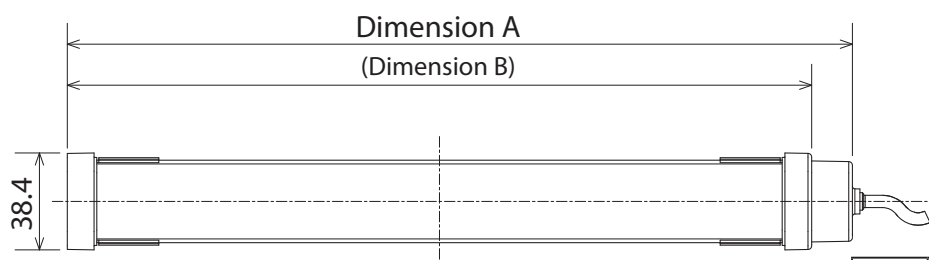
## A uniform light that subdues glare

In comparison to an LED luminous source, we take advantage of the straight beam optical characteristic of the LED without dropping brightness or overdoing it, but reproducing a natural light.

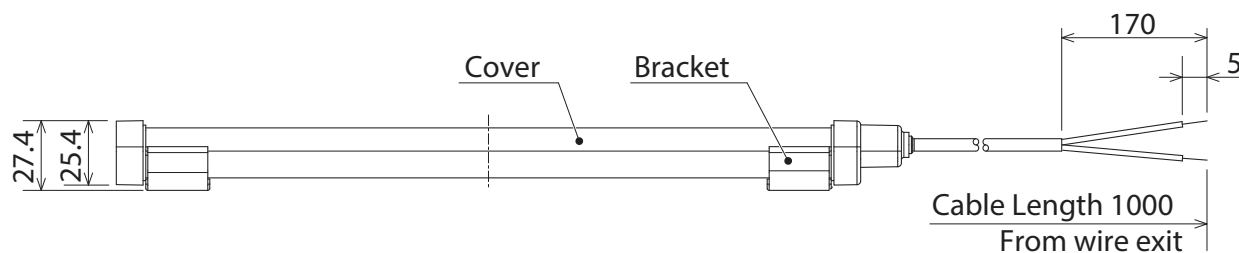
Illumination Distribution Chart



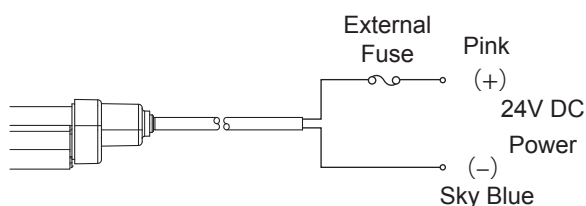
## Dimensions (Unit: mm)



| Model Name | Dimension A  | Dimension B   |
|------------|--------------|---------------|
|            | Total Length | Lighting Area |
| CLA3S      | 315.5        | 300           |
| CLA6S      | 621.0        | 600           |
| CLA9S      | 916.5        | 900           |



## Wiring



[Enforced]



There is no protection rating for the area surrounding the tip of the cable. To ensure insulation of water intrusion, the use of fillers (such as silicon, etc.) to plug up the tip part is recommended.