

EASTFINE

# Specification

For LED Wall Washer



UK  
CA



RoHS



CE

IP68

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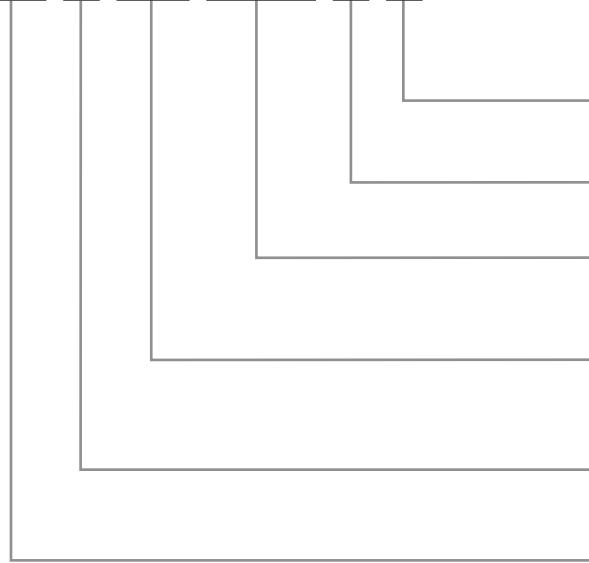
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## 1.Product Naming Convention

XX-X-XX-XXX-X-X



Special code: Distinguish neon dimensions, factory definition.

Working voltage: 5V (A) , 12V (B) , 24V (C) , 36V (D) , 48V (H)

LED Quantity/Meter: 70LED (070) 、 120LED (120) 140 (140)

Color/CCT: White (00-99) , WW-CW (TW) , RGB (RG) RGBW (RW) , Red (RE) , Green (GR) , Blue (BL), Yellow (YE) , Pink (PI) , Orange (OR) , Violet (UV)

LED Type: 2110 (A) , 2216 (B) , 2835 (C) , 3014(D) 3030 (E) , 3535 (G), 5050 (H)

Wall Washing Series: Basics Series (XE) , profession Series (XF)

For Example: XF-C27040C-C

LED WALL WASHER 2835 2700K 40LEDS/m DC24V

## 2.Product Information

### 2.1.Introduction

LED Wall Washer with wide beam angle and high output lumen.

So,it is wonderfully suitable for uniform linear lighting of every room.

Even for those who want to let their creativity run wild with strips, our LED Wall Washer is suitable as well.

High color rendering and high flexibility give you a plenty of scope and bring art to your wall with light. Simply bend the LED Wall Washer into the desired shape and attach it to your wall with accessories.

### 2.2.Product Features

- (1).High quality and high brightness SMD LED chip.
- (2).Variety of monochromatic lights for option including Red,Green,Blue,Yellow,Pink,Orange, Violet and whitelight.
- (3).Flat profile,good choice for recessed mounting.
- (4).Environmentally friendly&energy efficient.
- (5).High color consistency&smooth illumination With invisible light dots.
- (6).Perfect softness,gentle emitting,Not dazzling.
- (7).3-5 years warranty.

## 2.3.Areas of application

- (1). Outdoor or Indoor Contour/Border Lighting.
- (2). Architectural Outline/Decorative Lighting.
- (3). Cove/Accent Lighting.
- (4). Facade/Floor Lighting.
- (5). Signage/Guide Lighting.



Flame  
Resistant



IP68  
Protection



Saltwater  
Resistant



Solvents  
Resistant



UV  
Resistant



IK08  
Protection



>3  
YEAR



Operating  
Temperature



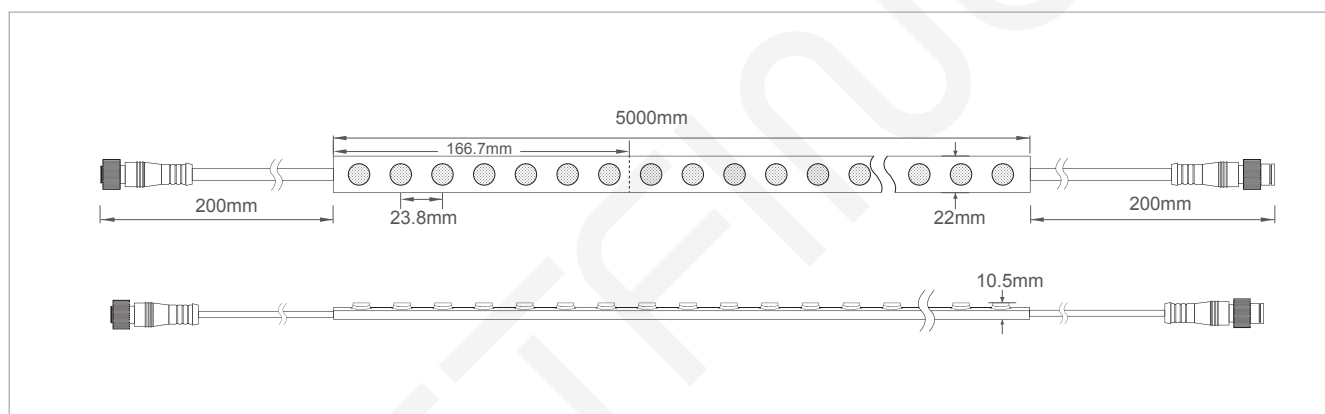
Storage  
Temperature



Irritation  
angle

## 3. Specifications&Parameters

### 3.1 Measurement (Unit:mm)



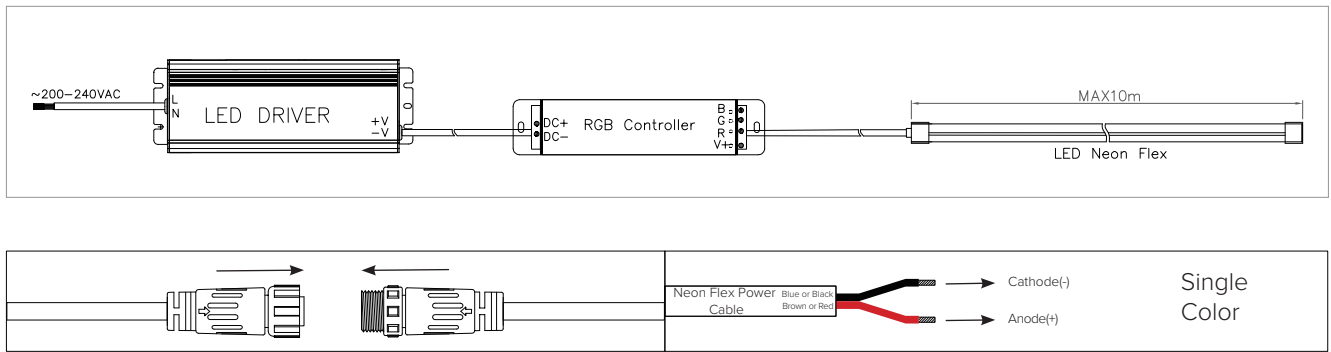
### 3.2 Electrical Data

| Model No.  | Voltage | Current | Power (W/M) | IP   | Unit Length (mm) | FPC Width (mm) | Strip Width (mm) | Hight (mm) |
|------------|---------|---------|-------------|------|------------------|----------------|------------------|------------|
| XF-HTW042C | DC24V   | 0.67A   | 16.0        | IP68 | 166.7            | 16             | 22               | 10.5       |

### 3.3 Spectrum Data

| Model No.  | CCT   | Lumens (lm/M) | CRI | LED Type | LEDs/M | Beam Angle | Standard Packing | Weight (g/5M) |
|------------|-------|---------------|-----|----------|--------|------------|------------------|---------------|
| XF-HTW042C | WW/CW | 2100          | 80  | 5050     | 42     | 180°       | 5M/Roll          | 925           |

## 4. Connection Methods



## 5. Packaging



5meter/roll



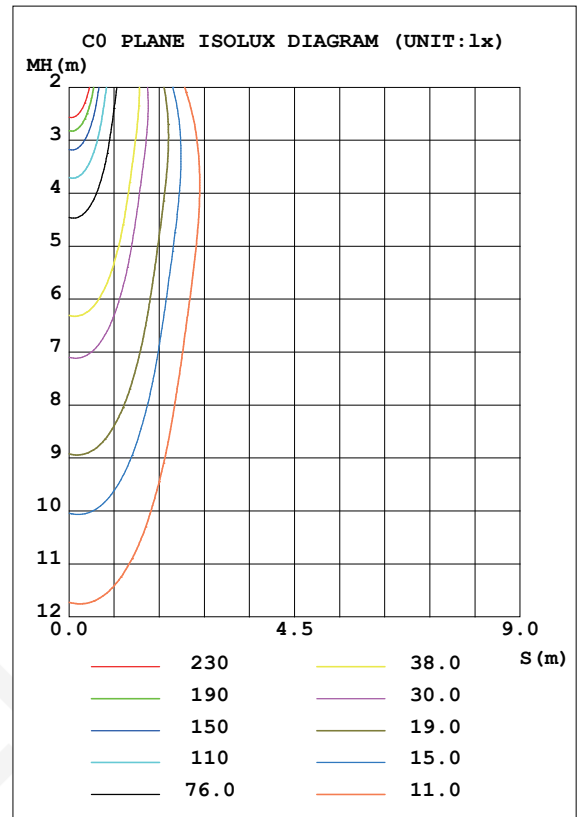
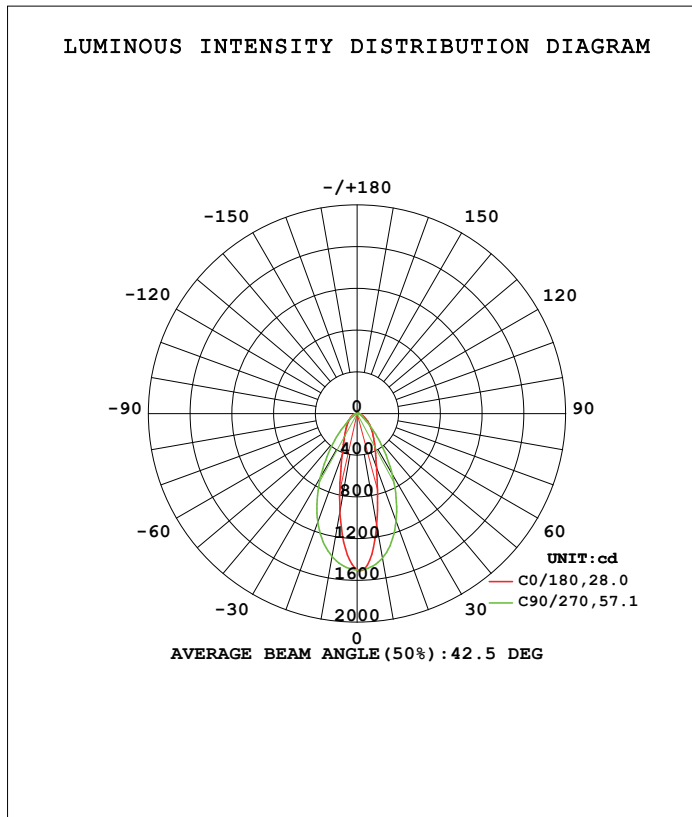
1roll/box-size: 390\*390\*26mm



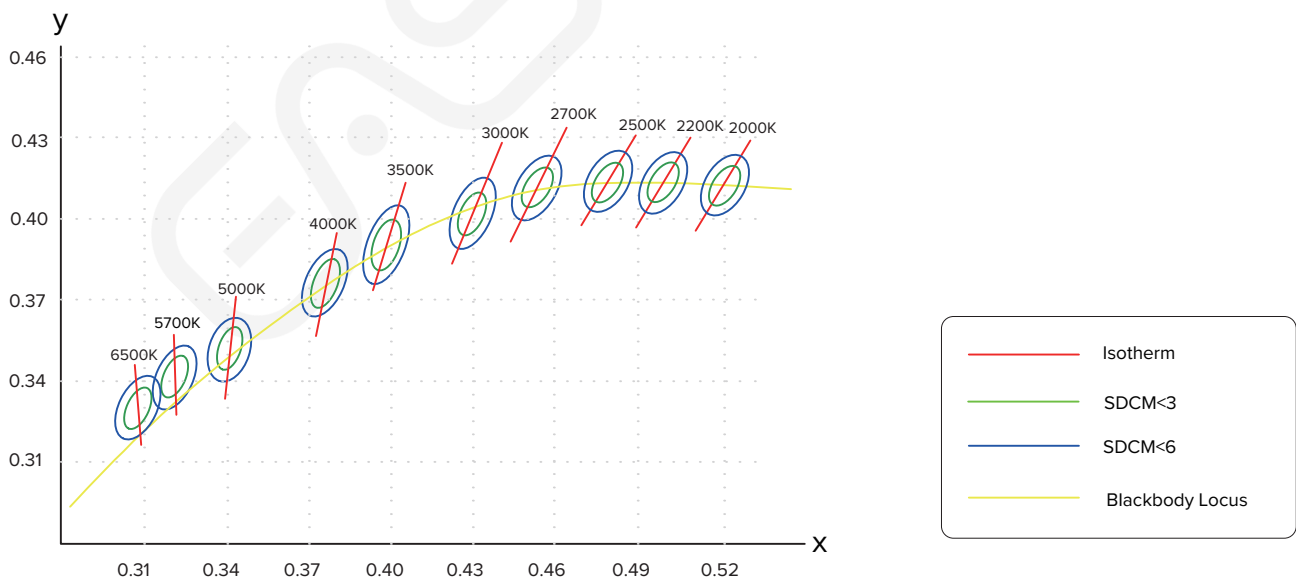
15 box-size:420\*400\*400mm

## 6. Appendix

### 6.1 Luminaire Photometric Data

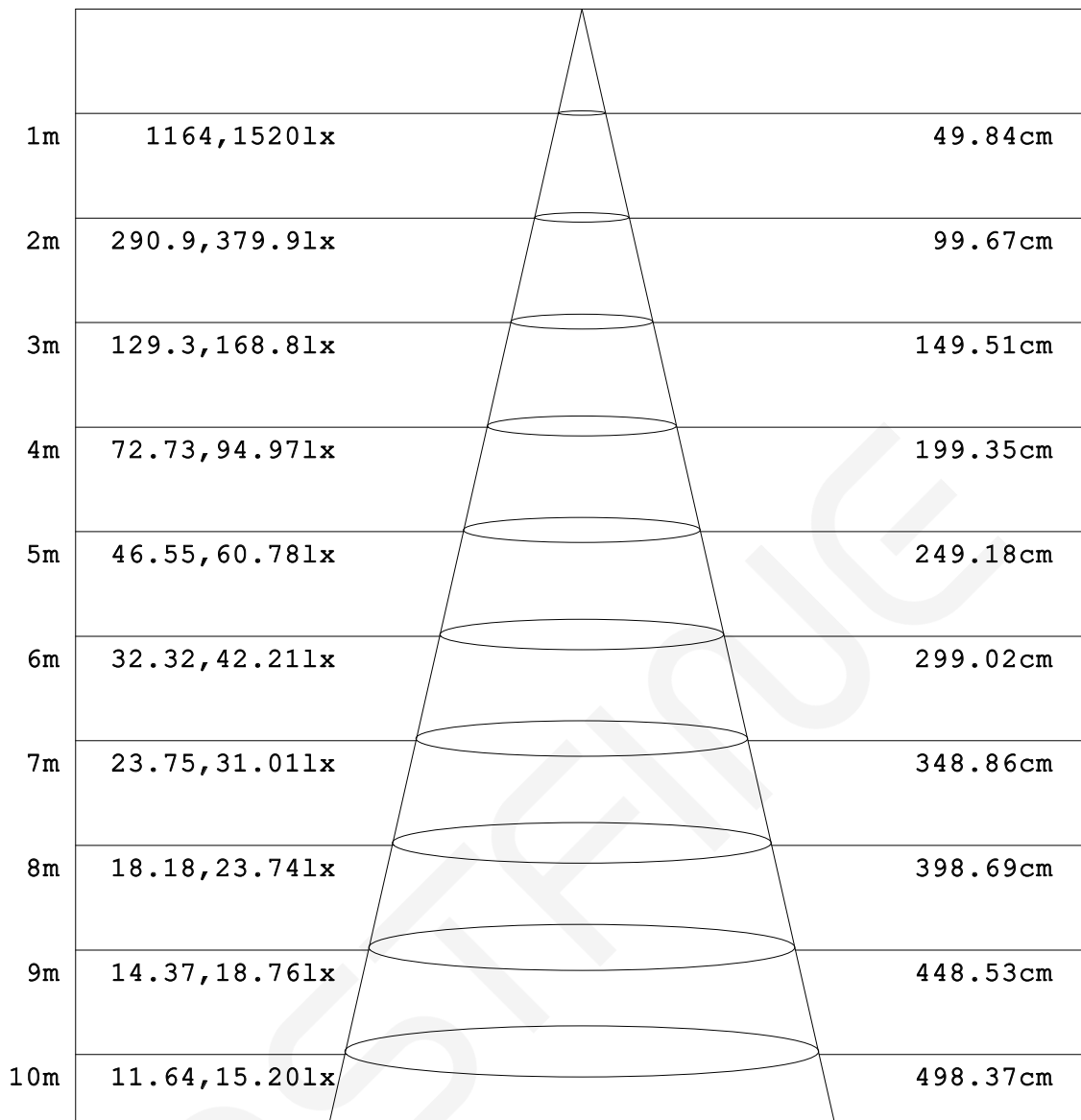


### 6.2 ( X,Y ) Chromaticity Diagram



### 6.3 Illuminance-Distance Diagram

Flux out: 227.3 lm



Height      Eavg, Emax      Angle: 27.98deg      Diameter

**Note:** The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

## 6.4 Reliability test

| Testing Item                           | Performance                             | Standard/Description                                                             |
|----------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------|
| <b>Photometric Testing</b>             | Spectrum Analysis                       | IES LM79 (Lumen, CCT, CR, XY, SDCM, wave length)                                 |
|                                        | Photometric Distribution                | IES LM79 (Lumen intensity distribution Photometric Distribution and lux diagram) |
| <b>Temperature Rise Testing</b>        | Normal Temperature Test                 | UL 2018:2015 Ed.2+R:30 May 2017                                                  |
|                                        | Abnormal Operation                      | CSA C22.2#90:1996 Ed.1+S1                                                        |
| <b>Mechanics &amp; Physics Testing</b> | Bending Test                            | Manufacturer-defined                                                             |
|                                        | Swing Test                              | Manufacturer-defined                                                             |
|                                        | Tensile Test                            | Manufacturer-defined                                                             |
|                                        | Twist Test                              | Manufacturer-defined                                                             |
|                                        | Stickiness Test                         | Manufacturer-defined                                                             |
| <b>Weathering Testing</b>              | Swimming Pool Water Immersion Test      | GB9 667, PH6.8-7.6, free chlorine 0.3-0.6 mg/L                                   |
|                                        | Sea Water Immersion Test                | IEC 60598-1. Salinity 4%                                                         |
|                                        | Salt Spray Test                         | IEC 68-2-11                                                                      |
|                                        | Outdoor Exposure                        | Manufacturer-defined                                                             |
| <b>Endurance &amp; Thermal Test</b>    | High Temperature and High Humidity Test | Manufacturer-defined temp. 70°C Humidity: 85% RH, 1000 hrs                       |
|                                        | Thermal Shock Test                      | Manufacturer-defined @ test temperature -40°C ~ +120°C, 30 min/cycle, 100 cycles |
|                                        | Cold Resistance Test                    | Manufacturer-defined Temp. -40°C, 1000 hrs                                       |
|                                        | Polarity Protection Test                | Manufacturer-defined, reverse positive pole and negative pole                    |