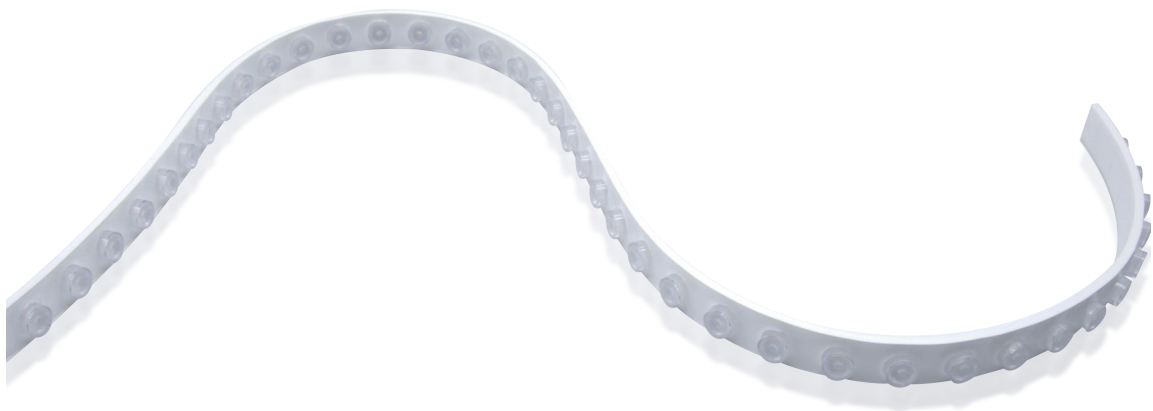


EASTFINE

Specification

For LED Wall Washer



IP68

RoHS



Guangdong Yu chen Optoelectronic Technology Co., Ltd

Add: Yutong Industrial Park, Liyuan Road, Zhangmutou town, Dongguan City, Guangdong Province.

Tel: 0769-82933110 Fax: 0769-82933110

E-mail: eastfine@eastfineled.com

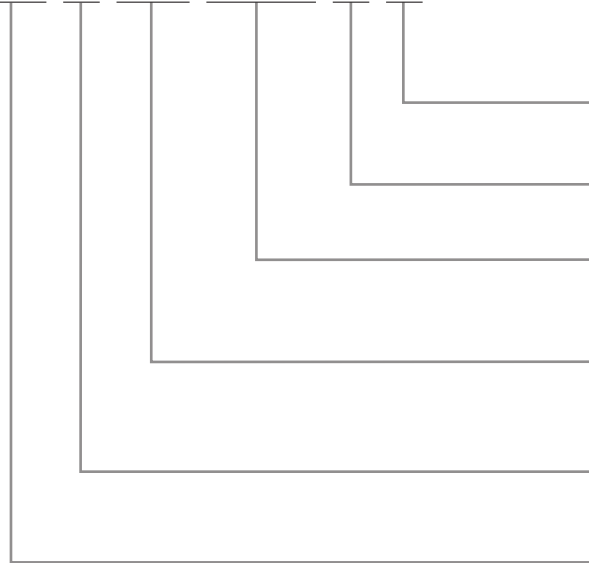
www.eastfineled.com

■ Table of Contents

1. Product Naming Convention	03
2. Product Information	03
2.1.Introduction	
2.2.Product Features	
2.3.Areas of application	
3. Specifications&Parameters	04
3.1 Measurement (Unit:mm)	
3.2 Electrical Data	
3.3 Spectrum Data	
4. Connection Methods	05
5. Packaging	05
6. Appendix	06
6.1.(X,Y) Chromaticity Diagram	
6.2 Luminaire Photometric Data	
6.3 Illuminance-Distance Diagram	
6.4 Reliability test	

1.Product Naming Convention

XX-X-XX-XXX-X-X



For Example: XF-C27040C-C

LED WALL WASHER 2835 2700K 40LEDS/m DC24V

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)

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.
- (8).IC:TM512AC

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



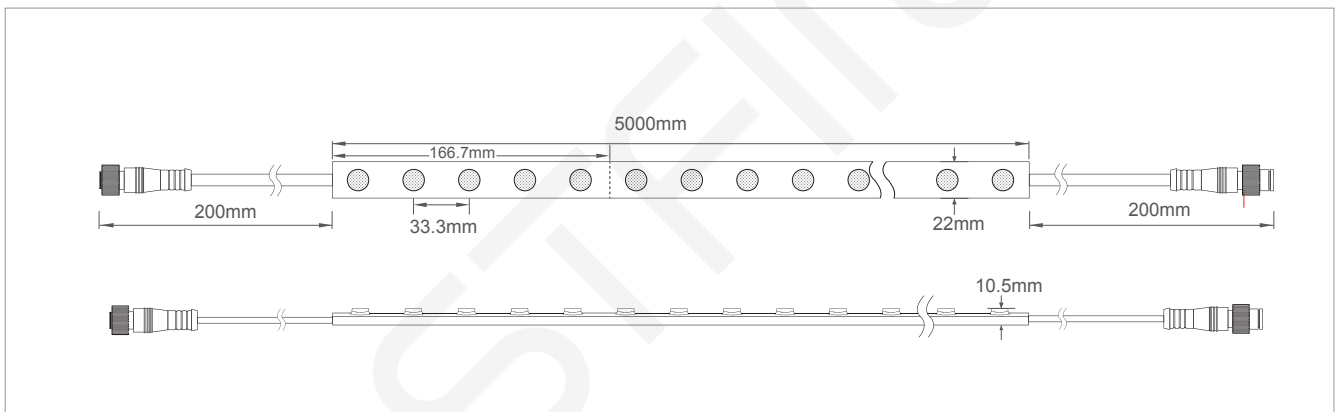
Storage
Temperature



Irritation
angle

3. Specifications&Parameters

3.1 Measurement (Unit:mm)



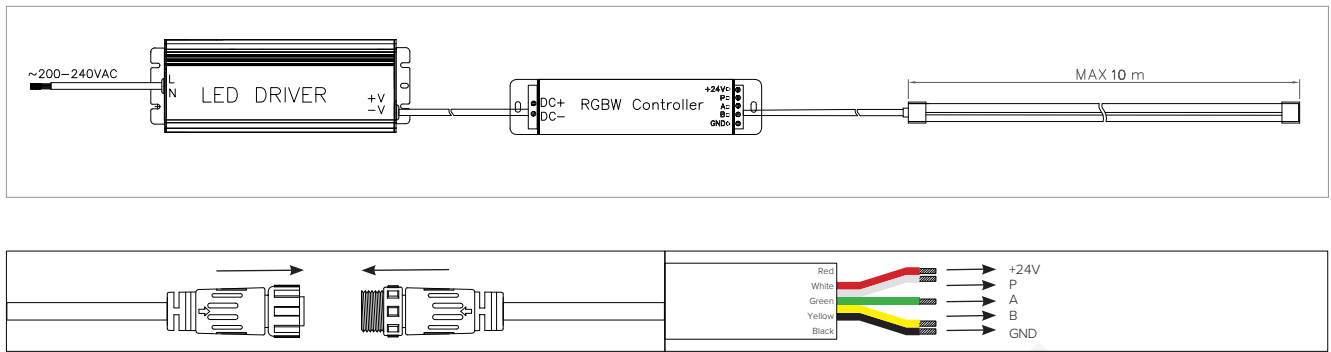
3.2 Electrical Data

Model No.	Voltage	Current	Power (W/M)	IP	Unit Length (mm)	FPC Width (mm)	Strip Width (mm)	Hight (mm)
XF-HRW030C	DC24V	0.83A	20.0	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-HRW030C	RGBW	720	—	5050	30	15*45°	5M/Roll	900

4. Connection Methods



5. Packaging



5meter/roll



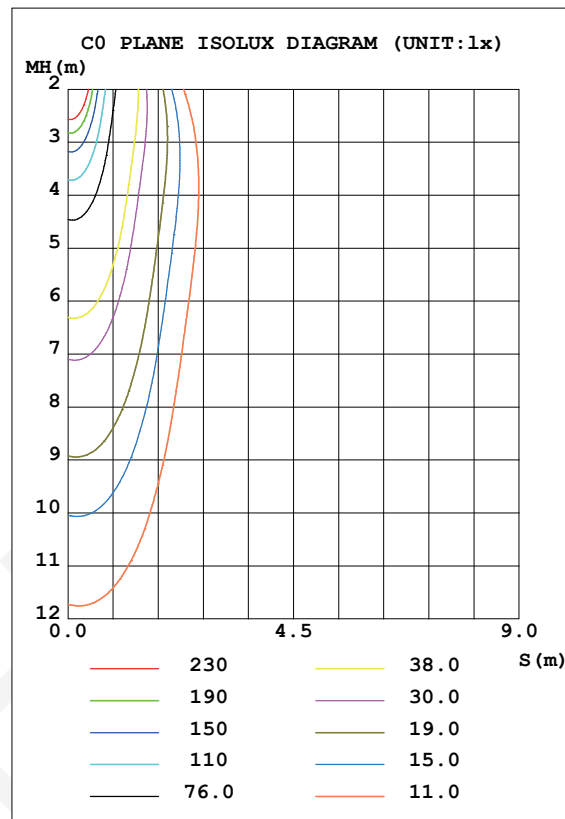
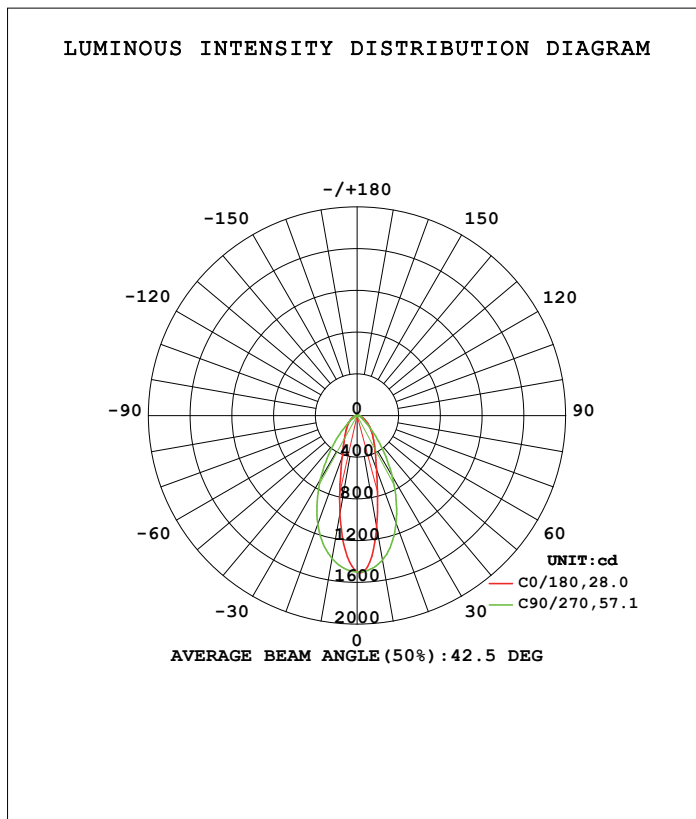
1roll/box-size: 390*390*26mm



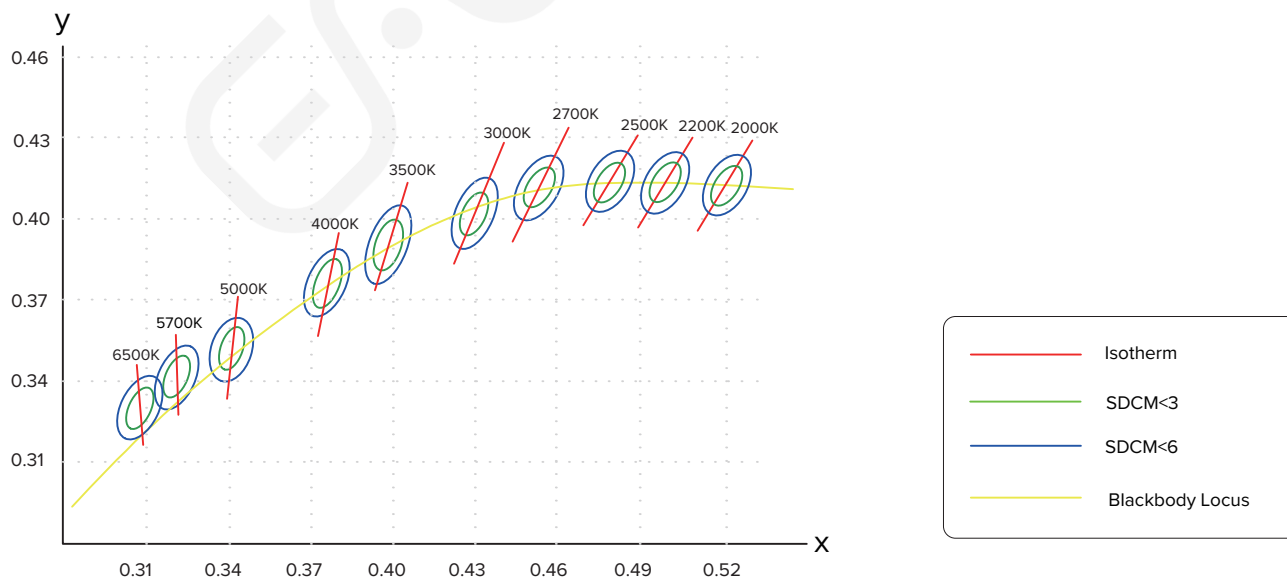
15 box-size:420*400*400mm

6. Appendix

6.1 Luminaire Photometric Data

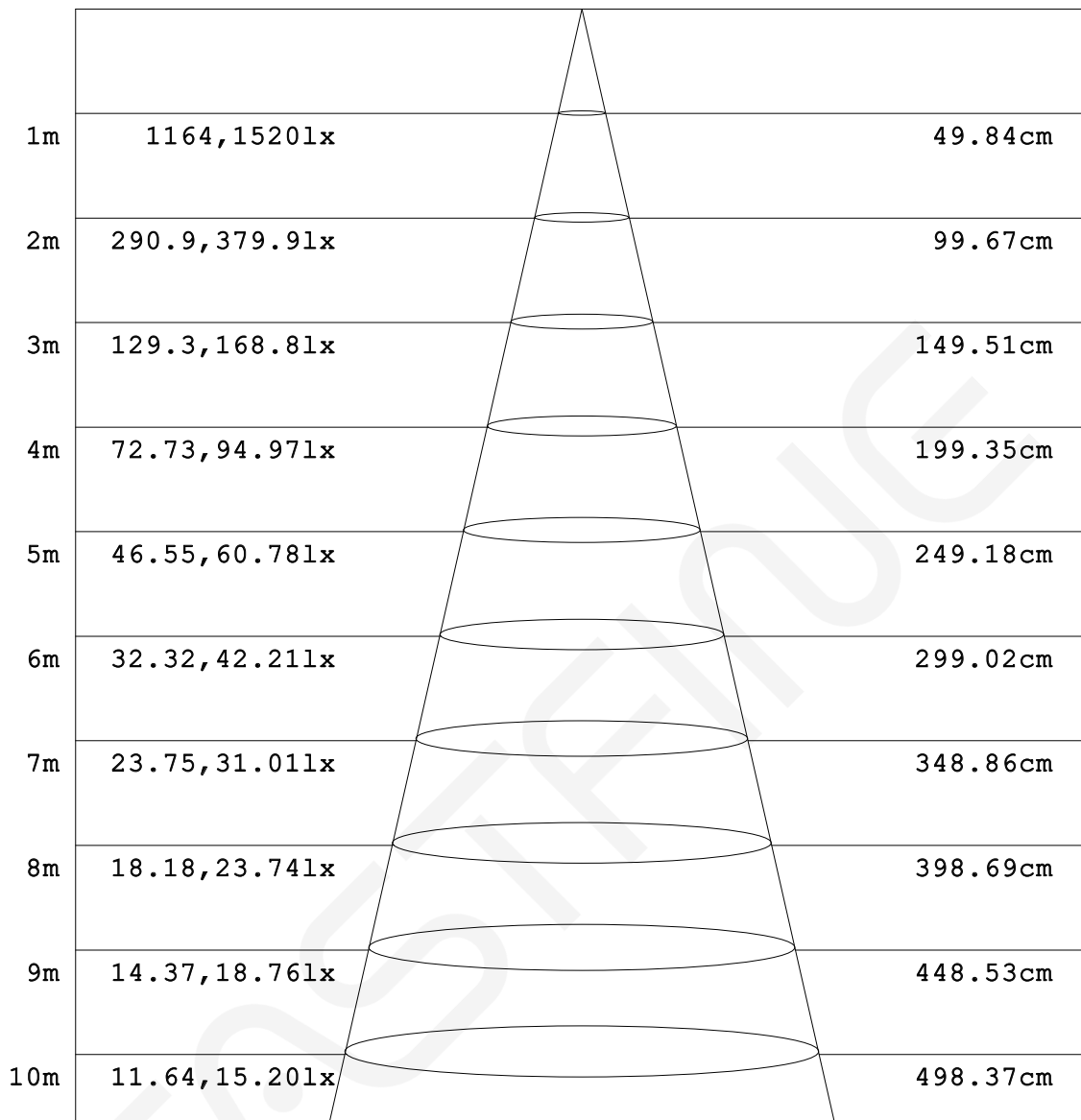


6.2 (X,Y) Chromaticity Diagram



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
Photometric Testing	Spectrum Analysis	IES LM79(Lumen,CCT,CR, XY, SDCM, wave length)
	Photometric Distribution	IESLM79(Lumen intensity distribution Photometric Distribution and lux diagram)
Temperature Rise Testing	Normal Temperature Test	UL 2018:2015 Ed.2+R:30May2017
	Abnormal Operation	CSA C22.2#90:1996Ed.1+S1
Mechanics& Physics Testing	Bending Test	Manufacturer-defined
	Swing Test	Manufacturer-defined
	Tensile Test	Manufacturer-defined
	Twist Test	Manufacturer-defined
	Stickiness Test	Manufacturer-defined
Weathering Testing	Swimming Pool Water Immersion Test	GB9 667,PH6.8-7.6,free chlorine03-06mg/L
	Sea Water Immersion Test	IEC60598-1.Salinity 4%
	Salt Spray Test	IEC68-2-11
	Outdoor Exposure	Manufacturer-defined
Endurance& Thermal Test	High Temperatureand High Humidity Test	Manufacturer-definedtemp.70°C Humidity: 85%RH,1000hrs
	Thermal Shock Test	Manufacturer-defined@test temperature -40°C~+120°C,30min/cycle,100cycles
	Cold Resistance Test	Manufacturer-definedITemp.-40°C,1000hrs
	Polarity Protection Test	Manufacturer-defined,reverse positive pole and negative pole