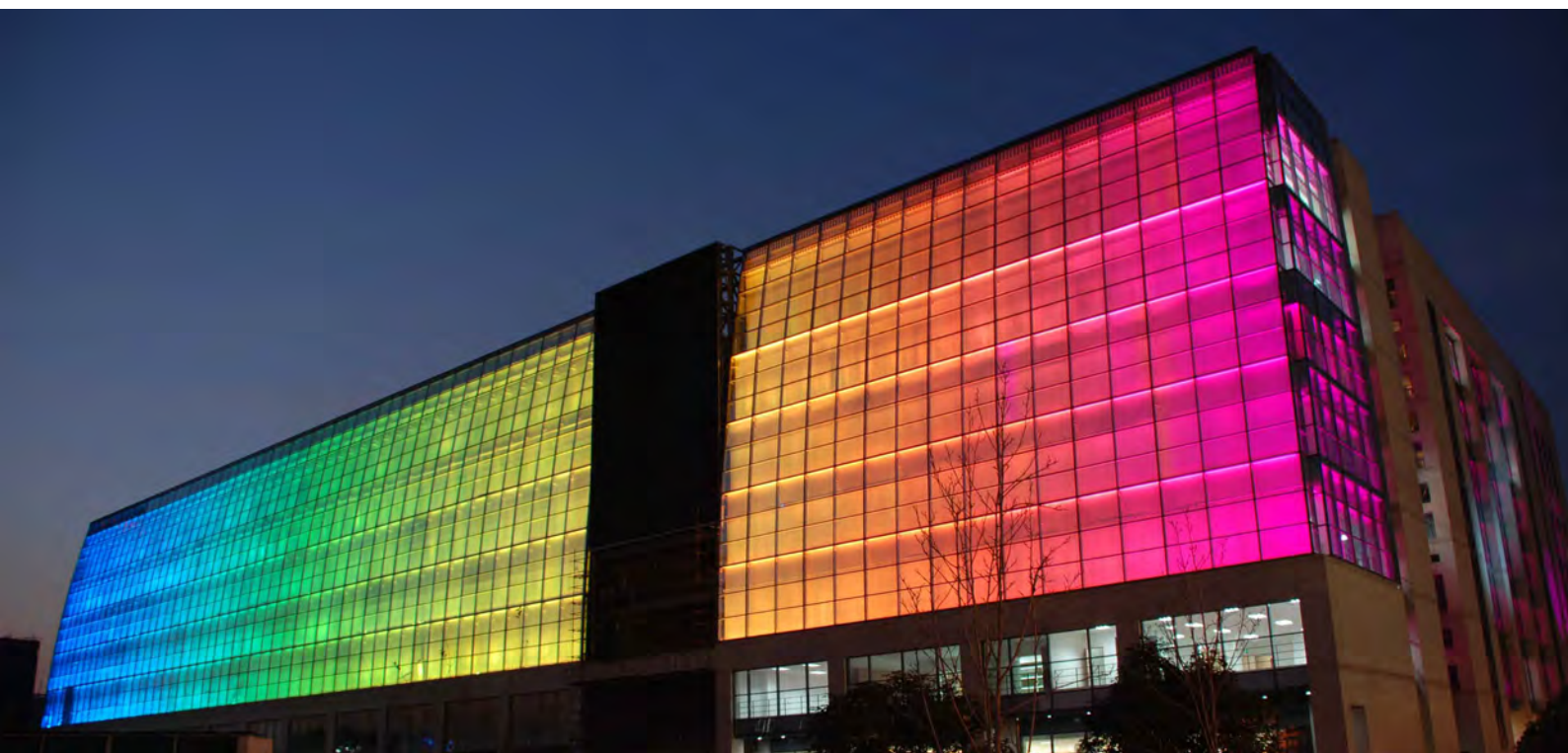




## LED Flex Wall Wash Light Flexarch I Specification

LL-F2010T-I-RGBW-DMX



# Introduction



With 360 degree overall Polyurethane encapsulated the Flexarch I LED flexible wall wash light performances of waterproof IP67 and high resistance of UV in harsh environmental conditions like high temperature of over 55degree and as low as minus 20 degree. Integrated with minimalist design, equipped with the state of art technology of RGBW LEDs and specially engineered lens, the LED flex wall washer create excellent wall-washing effect even when bent over to a circle. And it features as slender bendable strips, and cut-able at minimal length section of 250mm, then realize many irregular installation in coves, domes and so on.

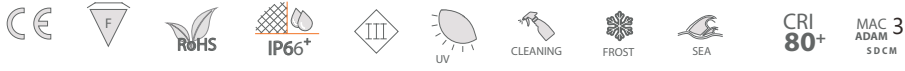
UCS512D is DMX512 differential parallel protocol LED driver chips, 1/2/3/4 channels of high-precision constant current output can be selected, and the gray level can reach 65536 class. The UCS512D is a high current output version in a heat-sink package. UCS512D series decoding technology accurately decodes DMX512 signals. To accommodate and expand 512 protocol signals, UCS512D fully adaptively decodes DMX512 signals with a transmission frequency within 200K-750K, without the need for any speed setting, addressing up to 4096 channels. UCS512D has built-in E2PROM, no external connection is required. UCS512D uses AB line to write code online Code mode, no need to connect the lamp code writing line to the code writer to write code, the connection is simple and the form is flexible.

#### Applications:

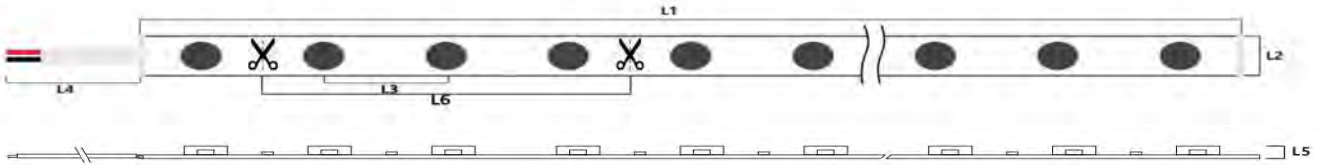
LED Flexible Wall Wash Light is an idea option for lighting designers and installers.

- 1,Organic Architectural Outline.
- 2,Cove or irregular structure cove Lighting
- 3,Facade wall wash lighting
- 4,Garden or floor decorative lighting for Outdoor and Indoor

# 1. Specifications & Parameters



## 1.1 Light Dimensions



L1(mm)	10020 ± 10
L2(mm)	19.5 ± 1.5
L3(mm)	35.71 ± 2
L4(mm)	328 ± 5
L5(mm)	10 ± 2
L6(mm)	250 ± 2

## 1.2 Technical Parameters

### Technical Parameters

Article No.	LL-F2010T-I-RGBW-DMX		
Color	RGBW	IC No:	USC512D
Working Voltage	DC24V	Pixels/M:	4 Pixels
Rated Power/m	24W		
LED Qty/m	28		
Continuous Length	5 m		
Storage Temperature	-20 ~ 80°C		
Environmental Working Temperature	-20 ~ 55°C		
IP Rating	IP67		

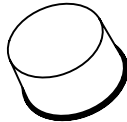
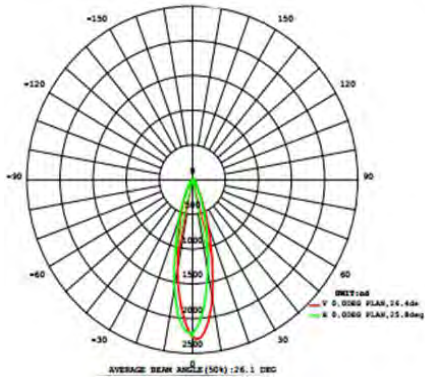
## 1.3 Optical Parameters

### Photometric Data

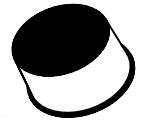
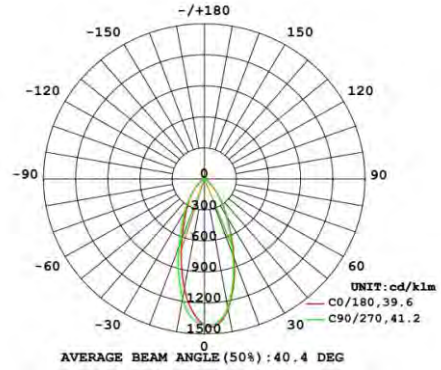
Article No.	LL-F2010T-I			
LED Type	SMD 5050	Lumileds Chip		
Beam angle	60°	45°		
Color	Wavelength	Lumen/m	CCT	Lumen/m
CRI	N/A	>80		
Red	620-630nm	>280lm	2700±100K	>460lm
Green	520-530nm	>290lm	3000±100K	>550lm
Blue	465-475nm	>350lm	4000±200K	>560lm
			6000±500K	>550lm
IES file	Available			
MacADAM				

### 1.4 Intensity Distribution Diagram of Lens

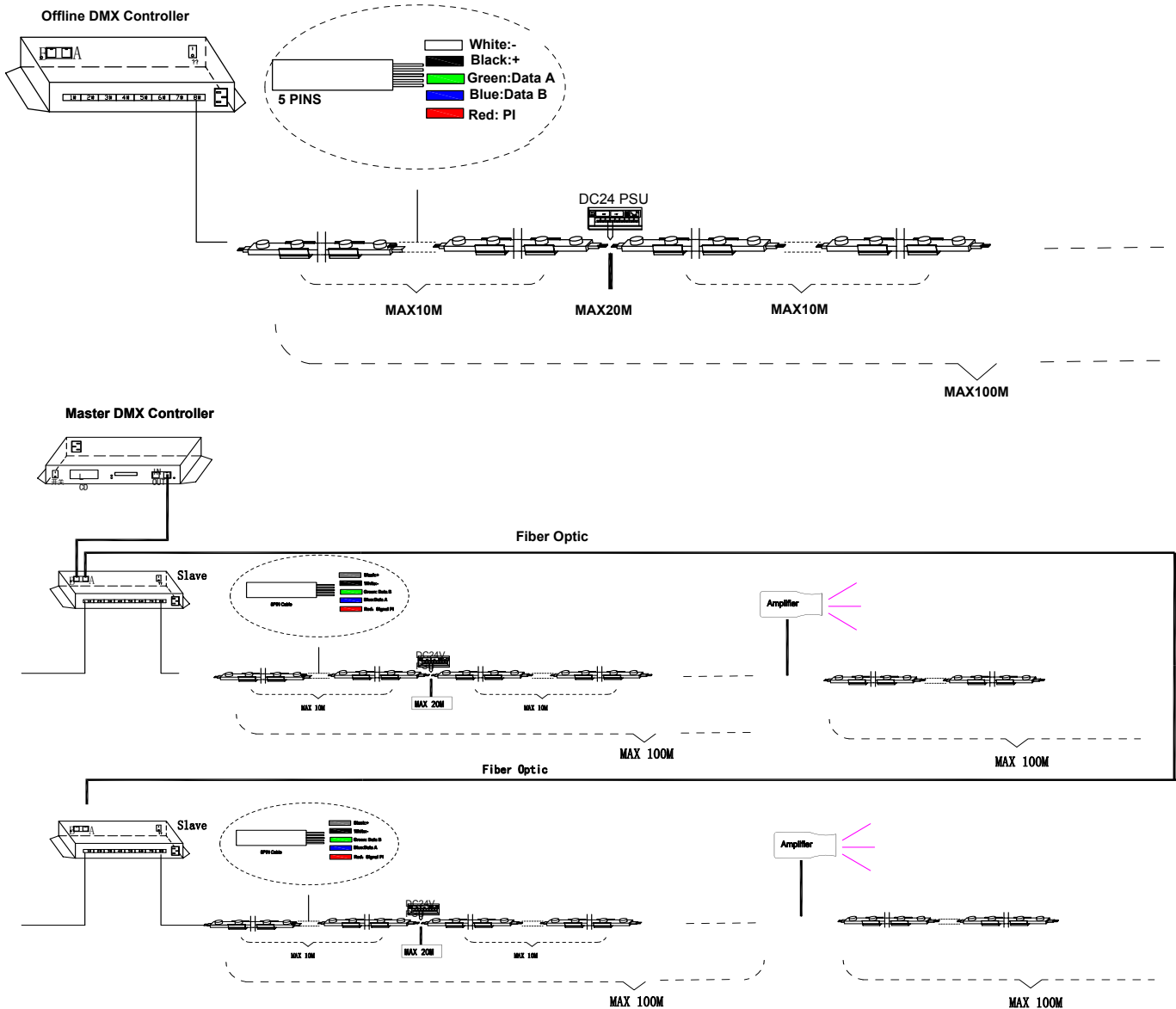
60 degree smooth surface lens



45 degree forested surface lens

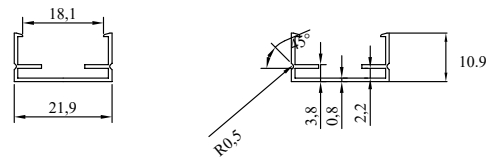
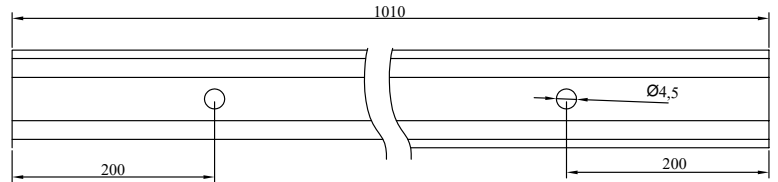
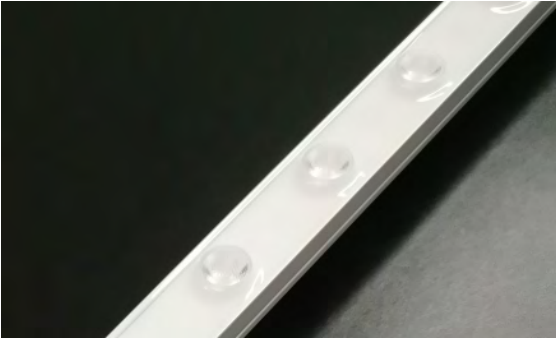


### 1.5 DMX512 Wiring Diagram



## 2. Mounting Profile

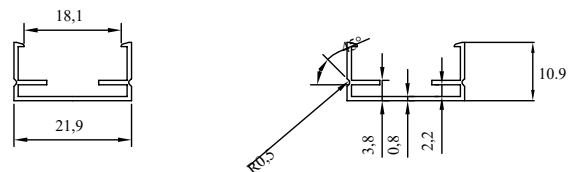
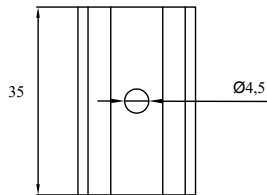
### 2.1 Aluminum Profile Chanel



Any length available less than 3 meters

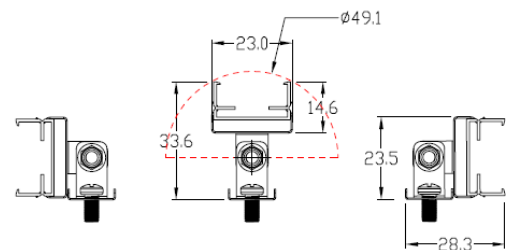
Note: Unless otherwise stated, the tolerance of the profile is  $\pm 0.5\text{mm}$ .

### 2.2 5" a ]b]i a `7`]dg



Note: Unless otherwise stated, the tolerance of the p profile is  $\pm 0.5\text{mm}$ .

### 2.3 Rotatable Brackets



Note: Unless otherwise stated, the tolerance of the p profile is  $\pm 0.5\text{mm}$ .