

# Flexi OPAL R



## General description

Light line and gently as fluorescent tube, with unique opal appearance

Slim size suiting for kinds of application

Easy installation and maintaining

Ta: -25~40°C; Tc: 75°C (max)

3 years warranty

## Dimensions

**Max. length:** 5000mm (16.4')

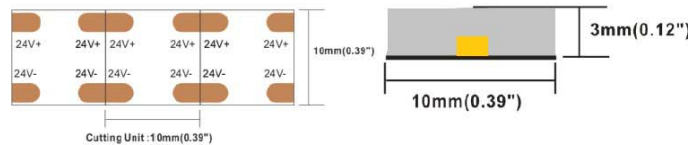
**Cutting unit:** 10mm

**Min. bend diameter:**  $\Phi$  60mm (2.36inch)

**Mounting:** 3M tape

**IP:** IP55

※ 5m/reel includes the wire terminal



## Electronic & output data

**Input voltage:** 24VDC

**Rated current:** 0.76A/1m; 3.2A/5m

**Typical Power:** 18.2W/1m (5.55W/FT); 76.8W/5m

**Power range:** 16.5~20W

**Max. power:** 20W (6.1W/FT)

**CRI:** >90

**On-off times:** 10000 (test times)

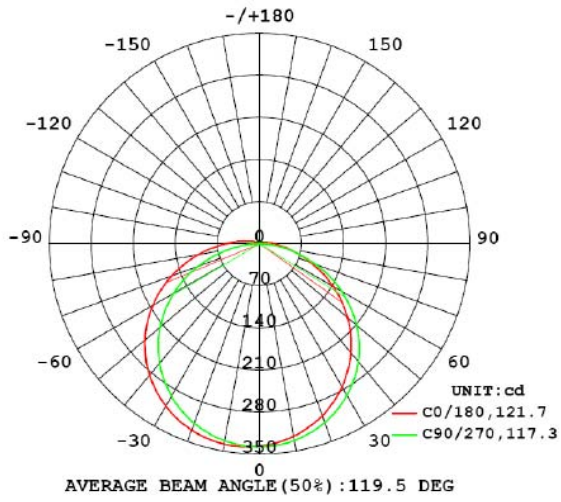
**Copper foil:** 2oz

the power of -30% range can be customized.

Color	GW	SW	WW	NW
CCT	1800K	2700K	3000K	4000K
Lumen	1090lm	1180lm	1180lm	1270lm
Lm/W	60	65	65	70
Energy efficiency class	A	A	A	A

1. The tolerance of output data can be vary up to 10%  
2. the output data tested according to IES TM-30-15  
3. the output data is based on IP55/1merter

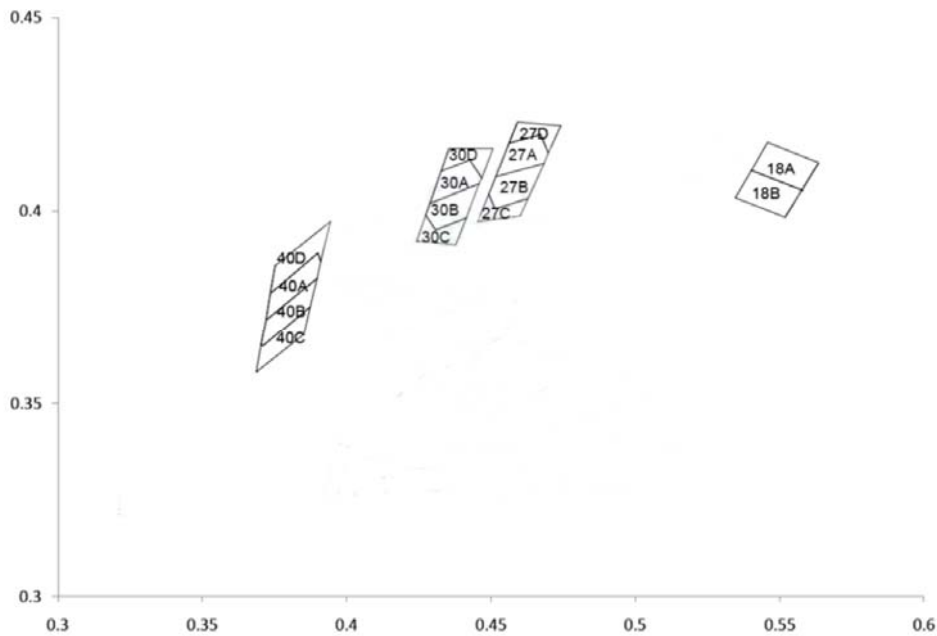




Height	Eavg, Emax	Angle: 117.32deg	Diameter
1m	89.55, 337.81x		328.46cm
2m	22.39, 84.441x		656.92cm
3m	9.950, 37.531x		985.37cm
4m	5.597, 21.111x		1313.83cm
5m	3.582, 13.511x		1642.29cm
6m	2.487, 9.3821x		1970.75cm
7m	1.828, 6.8931x		2299.20cm
8m	1.399, 5.2781x		2627.66cm
9m	1.106, 4.1701x		2956.12cm
10m	0.8955, 3.3781x		3284.56cm

Based on 3000K@CRI90

Flexi OPAL



## Instruction for cutting and connection

1. To measure strip as required length and find the cutting line on edge of backside.

Tips: to cut one more unit than the length required in case cutting damage because of high density of LED



2. Bending the strip with emitting surface upside at the cutting line And to use slope scissor cutting strictly at the unit cutting line



3. Cut starting wire connector and solder the wires on the 2 pads at the bottom and insulate with an heatshrinking tube

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## Disclaimer

Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.

Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability. Do not fold it in case any damage of LED beads.

Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.

Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.

LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature:  $-20\text{ }^{\circ}\text{C} \sim +40\text{ }^{\circ}\text{C}$ . Storage temperature:  $-0\text{ }^{\circ}\text{C} \sim +60\text{ }^{\circ}\text{C}$ . Please use the strips without waterproof within indoor environment with humidity less than 70%.

Please be careful during operation. Do not touch the AC power supply in case of electric shock.

Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.

Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).