

# Specification

**Model** : R0B96CD, R6B96CD, R0B48CD, R6B48CD

**Description:**

R0B96CD, 5000\*16, 5630 SMD LED, 96 LEDs/m, 24V DC, constant current, non-waterproof flexible LED strip

R6B96CD, 5000\*16, 5630 SMD LED, 96 LEDs/m, 24V DC, constant current, waterproof flexible LED strip

R0B48CD, 5000\*16, 5630SMD LED, 48 LEDs/m, 24V DC, constant current, non-waterproof flexible LED strip

R6B48CD, 5000\*16, 5630SMD LED, 48 LEDs/m, 24V DC, constant current, waterproof flexible LED strip

**Prepared by:** \_\_\_\_\_

**Checked by:** \_\_\_\_\_

**Standard Dept:** \_\_\_\_\_

**Approved by:** \_\_\_\_\_

**Issued Status:**  Draft

Published

# Specification

**Product Name:** Crylux Series

**Model:** R0B96CD, R6B96CD  
R0B48CD, R6B48CD

## Applications

Suitable for cove and contour lighting or general lighting etc. in hotel, shopping mall, home and so on.

## Features

1. High luminous efficacy with 5630 SMD LED mounted;
2. High brightness;
3. Can be cut at the printed marks;
4. Certification: CE, RoHS;

## Installation

1. Easy installation with double-sided adhesive tape;
2. Many installation and fixing options available with the minimum bending diameter as 5cm [1.97in];

## Warranty

R0B96CD/ R0B48CD: 3 years.

R6B96CD/ R6B48CD: 3 years.



## Optical and Electrical Parameters:

P/N	LED color	Color Temperature(K)	Beam Angle (°)	Luminous Flux (lm/m)	CRI	Luminous Efficacy (lm/W)	Voltage (V DC)	Power (W/m)	Power (W/5m)
R0B96CD	CW / WW	7000 / 3000	115	1950	≥75	75	24	26	130
R6B96CD	CW / WW	7000 / 3000	115	1660	≥75	64	24	26	130
R0B48CD	CW / WW	7000 / 3000	115	980	≥75	75	24	13	65
R6B48CD	CW / WW	7000 / 3000	115	840	≥75	64	24	13	65

## Others:

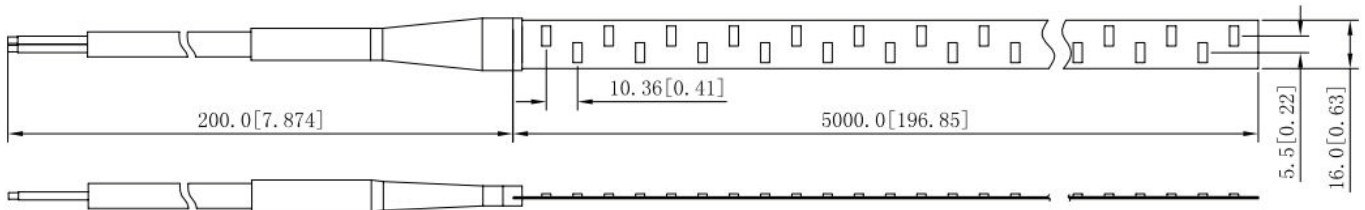
P/N	LED color	Standard Length		Max. Length		LED Qty (pcs/m)	Operating Temperature		Storage Temperature		IP Grade
		m	in	m	in		°C	°F	°C	°F	
R0B96CD	CW / WW	5	196.85	5	196.85	96	-25~50	-13~122	-40~70	-40~158	IP33
R6B96CD	CW / WW										IP65
R0B48CD	CW / WW					IP33					
R6B48CD	CW / WW					IP65					

Notes:

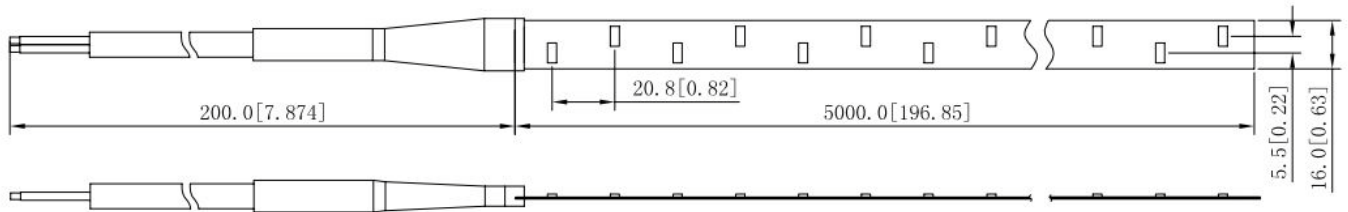
1. Testing environment temperature:  $25 \pm 2^{\circ}\text{C}$  [ $77 \pm 3.6^{\circ}\text{F}$ ];
2. The above data are typical values; the actual data of each single product could differ from the typical values. The data subject to change without prior notice.
3. The above color temperature is the color temperature of LED. The color temperature of actual products subject to that of sample.
4. Due to the specialty of the products, the general power of 5m[196.85in] long product may be different from the power which is based on “Power per meter \*Length” calculation method, please choose it according to the actual application.

Profile Drawings:

Unit: mm [in]

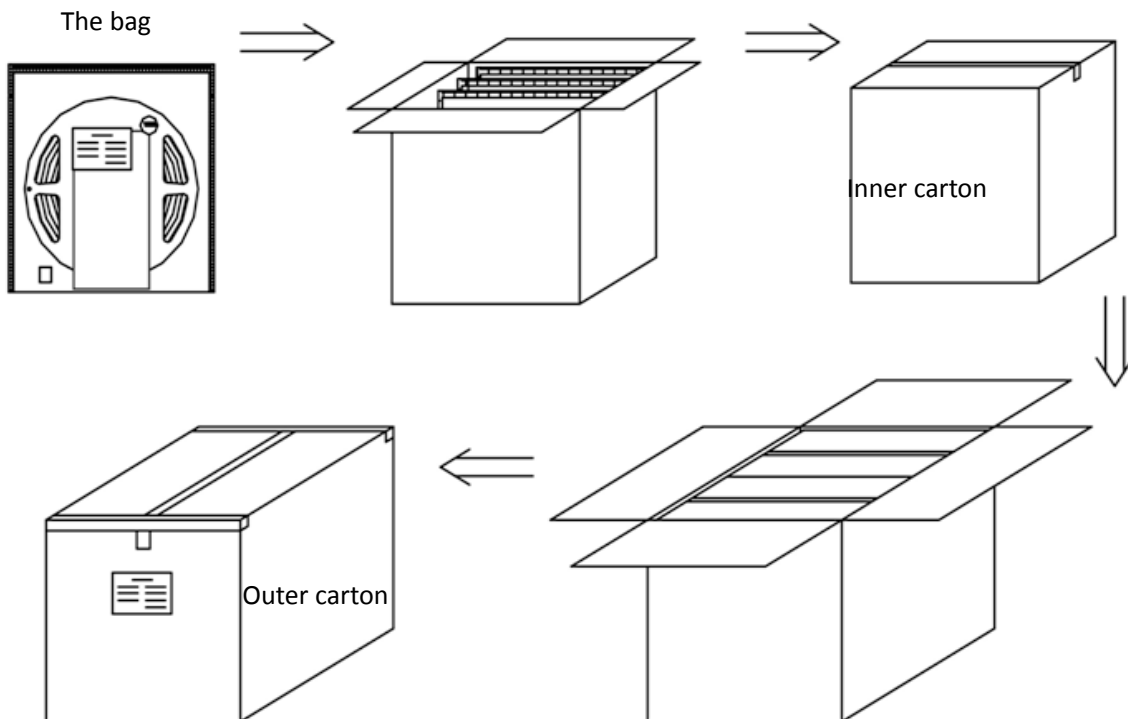


R0B96CD/R6B96



R0B48CD/R6B48CD

Packaging Diagram:



**Packaging Information:****R0B96CD**

1. Inner Carton: 23\*21.6\*22.6 cm=0.0112 (1±10%) CBM [9.06\*8.27\*8.90 in],  
Outer Carton: 45\*25\*25.6 cm=0.0288 (1±10%) CBM [17.72\*9.84\*10.08 in];
2. 5m[196.85in] per reel, 12 reels per inner carton, 2 inner cartons per outer carton, 120m[4724.4in] in total;
3. Net Weight (N.W): 3.8 (1±10%) kg[8.4 (1±10%) lb];
4. Gross Weight (GW): 6.2 (1±10%) kg [13.7 (1±10%) lb];
5. The actual packed quantity and weight subject to change without prior notice.

**R6B96CD**

1. Inner Carton: 23\*21.6\*22.6 cm=0.0112 (1±10%) CBM [9.06\*8.27\*8.90 in],  
Outer Carton: 45\*25\*25.6 cm=0.0288 (1±10%) CBM [17.72\*9.84\*10.08 in];
2. 5m[196.85in] per reel, 12 reels per inner carton, 2 inner cartons per outer carton, 120m[4724.4in] in total;
3. Net Weight (N.W): 7.0 (1±10%) kg[15.4 (1±10%) lb];
4. Gross Weight (GW): 9.4 (1±10%) kg[20.7 (1±10%) lb];
5. The actual packed quantity and weight subject to change without prior notice.

**R0B48CD**

1. Inner Carton: 23\*21.6\*22.6 cm=0.0112 (1±10%) CBM [9.06\*8.27\*8.90 in],  
Outer Carton: 45\*25\*25.6 cm=0.0288 (1±10%) CBM [17.72\*9.84\*10.08 in];
2. 5m[196.85in] per reel, 12 reels per inner carton, 2 inner cartons per outer carton, 120m[4724.4in] in total;
3. Net Weight (N.W): 3.4 (1±10%) kg[7.5 (1±10%) lb];
4. Gross Weight (GW): 5.9 (1±10%) kg[13 (1±10%) lb];
5. The actual packed quantity and weight subject to change without prior notice.

**R6B48CD**

1. Inner Carton: 23\*21.6\*22.6 cm=0.0112 (1±10%) CBM [9.06\*8.27\*8.90 in],  
Outer Carton: 45\*25\*25.6 cm=0.0288 (1±10%) CBM [17.72\*9.84\*10.08 in];
2. 5m [196.85 in] per reel, 12 reels per inner carton, 2 inner cartons per outer carton, 120m [4724.4 in] in total;
3. Net Weight (N.W): 6.6 (1±10%) kg [14.6 (1±10%) lb];
4. Gross Weight (GW): 9.0 (1±10%) kg [19.8 (1±10%) lb];
5. The actual packed quantity and weight subject to change without prior notice.