

# Specification

**Model** : Z6003XBD/Z6005XBD

**Description:**

Z6003XBD : 297.5\*27.5mm, 3pcs XB-D LED, monochromatic, lens technology, non-waterproof with bare board , constant current, DC24V, rigid LED light

Z6005XBD: 517.5\*27.5mm, 5pcs XB-D LED, monochromatic, lens technology, non-waterproof with bare board, constant current, DC24V, rigid LED light

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

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

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

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

**Issued Status:** Draft Published

# Specification

**Product Name:** Rigid LED Light for **Applications**  
 Side Lighting Non-waterproof products, suitable for indoor single-sided light box of no  
**Model:** Z6003XBD/Z6005XBD more than 200cm[78.74in] width and 8-20cm[3.15~7.87] depth and  
 14-40[5.51~15.75]cm depth double-sided light box, also can be used in  
 outdoor waterproof light box.



## Features

1. Luminous efficacy up to 97 lm/W with high power Cree LED mounted;
2. Uniform illumination on the face of light box with lens technology;
3. Energy efficient and environment-friendly with brightness adjustable design, optimized brightness can be achieved at different time;
4. CE certificated, RoHS compliant and UL94 V-2 flame-retardant grade.

## Installation

Initially fixed with double-sided adhesive tape and further secure with self-provided screws.

## Warranty

5 years or 22,000 hours, whichever come first.

## Optical and Electrical Parameters:

Part Number	LED Color	Color Temperature(K) Wavelength(nm)	Beam Angle (°)	Luminous Flux (lm)	CRI	Luminous Efficacy (lm/W)	Voltage (V DC)	Power (W)
Z6003XBD	Natural White	6000	10*40	660	≥70	97	24	6.8
Z6005XBD	Natural White	6000	10*40	1100	≥70	100	24	11.0

## Others:

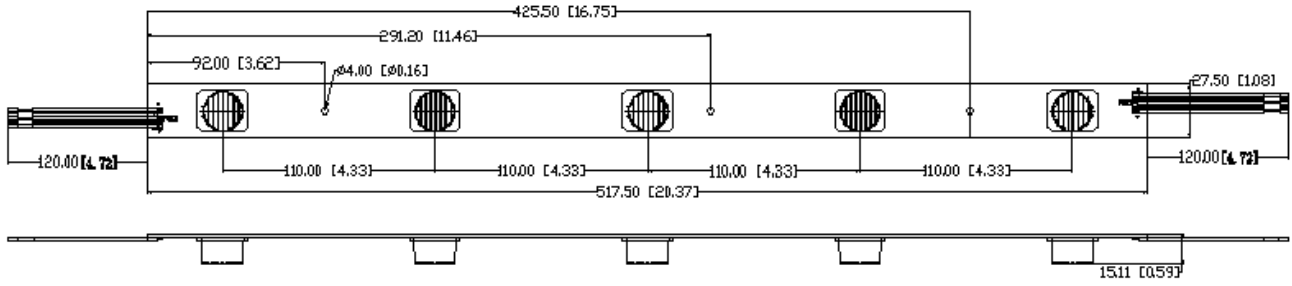
Part Number	LED Color	Length		LED Quantity (pcs)	Weight (/pc)		Operating Temperature		Storage Temperature		IP Grade
		(mm)	(in)		g	lb	(°C)	(°F)	(°C)	(°F)	
Z6005XBD	Natural White	517.5	203.74	5	92	0.203	-25~ +60	-13~+140	-25 ~+70	-13~+158	--

Notes:

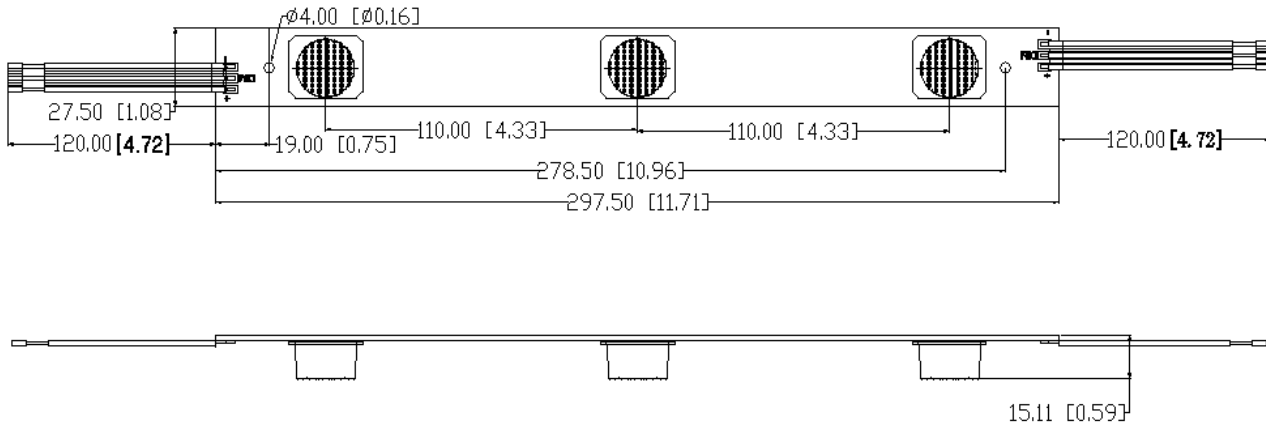
- ① Testing environment temperature: 25±2°C [77±3.6°F]
- ② The above data are typical values; the actual data of each single product could differ from the typical values. The data subject to change without prior notice.

**Profile Drawings:**

Unit: mm [in]

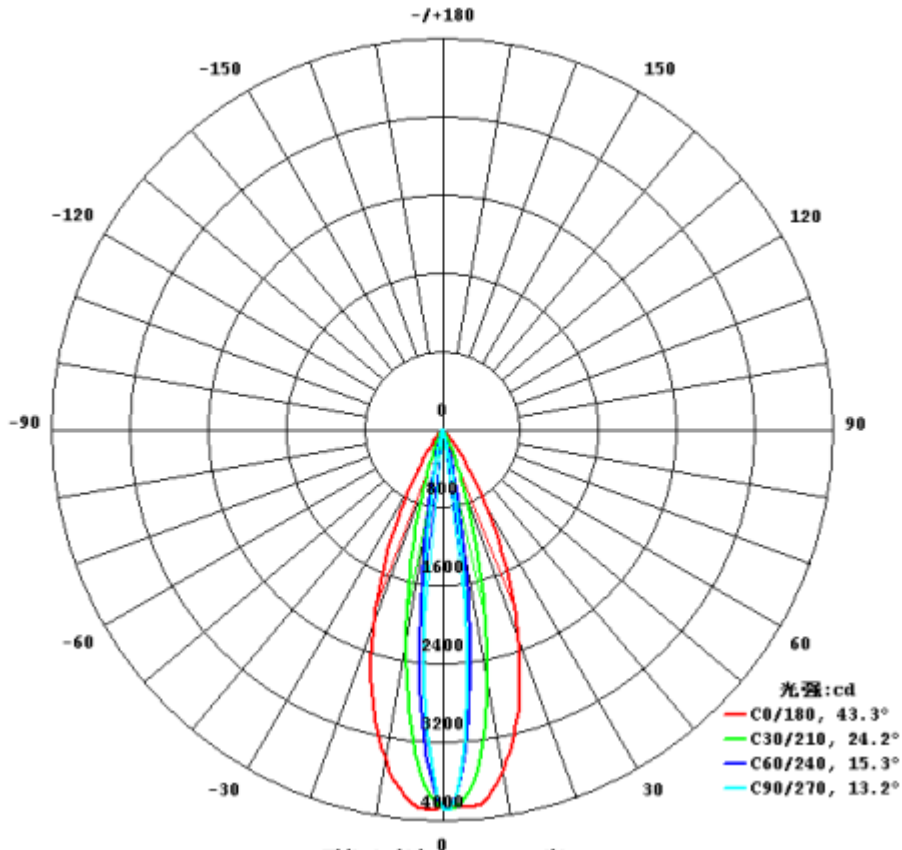


**Z6005XBD**



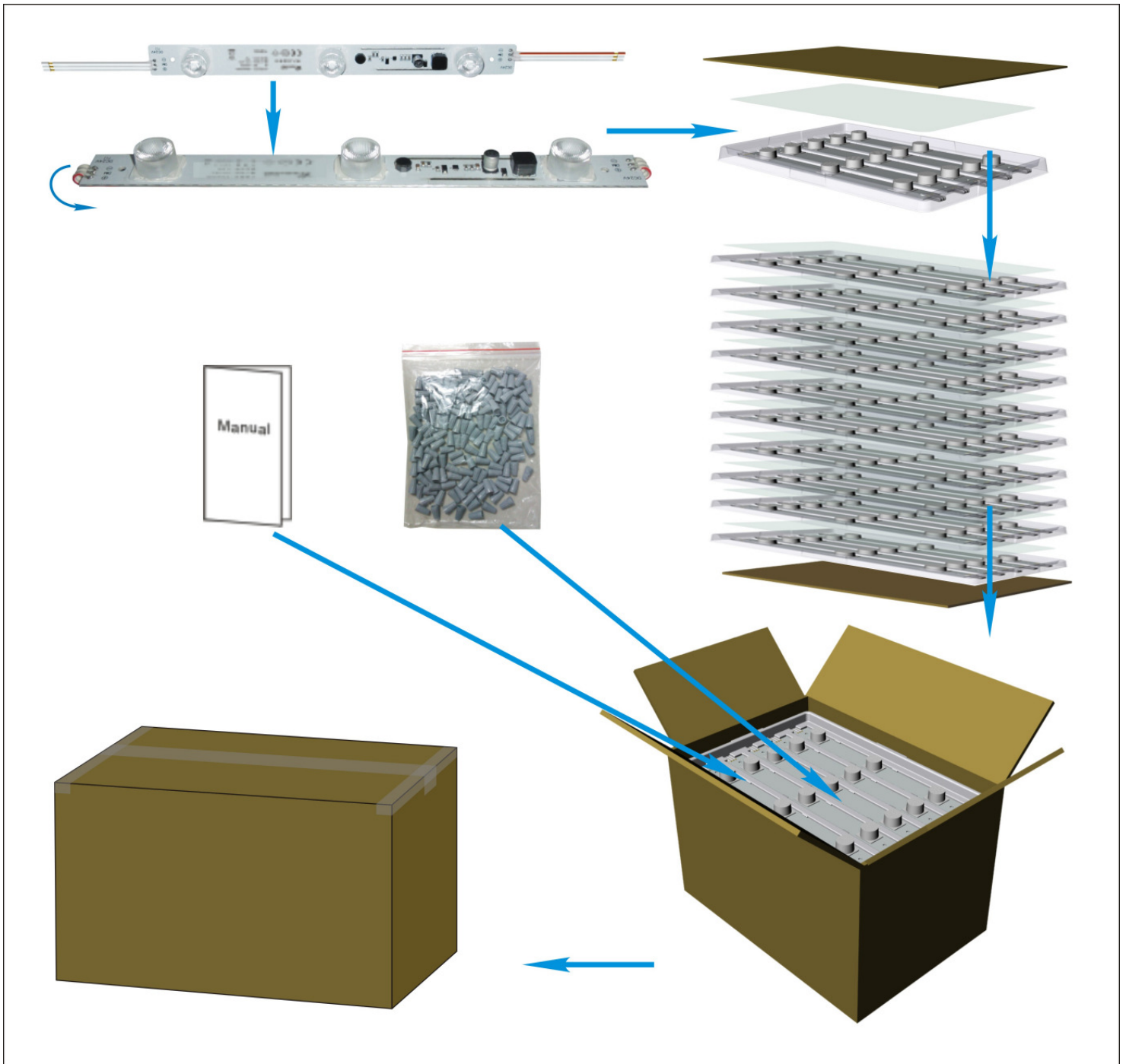
**Z6003XBD**

**Light Distribution:**



**Packaging Diagram**

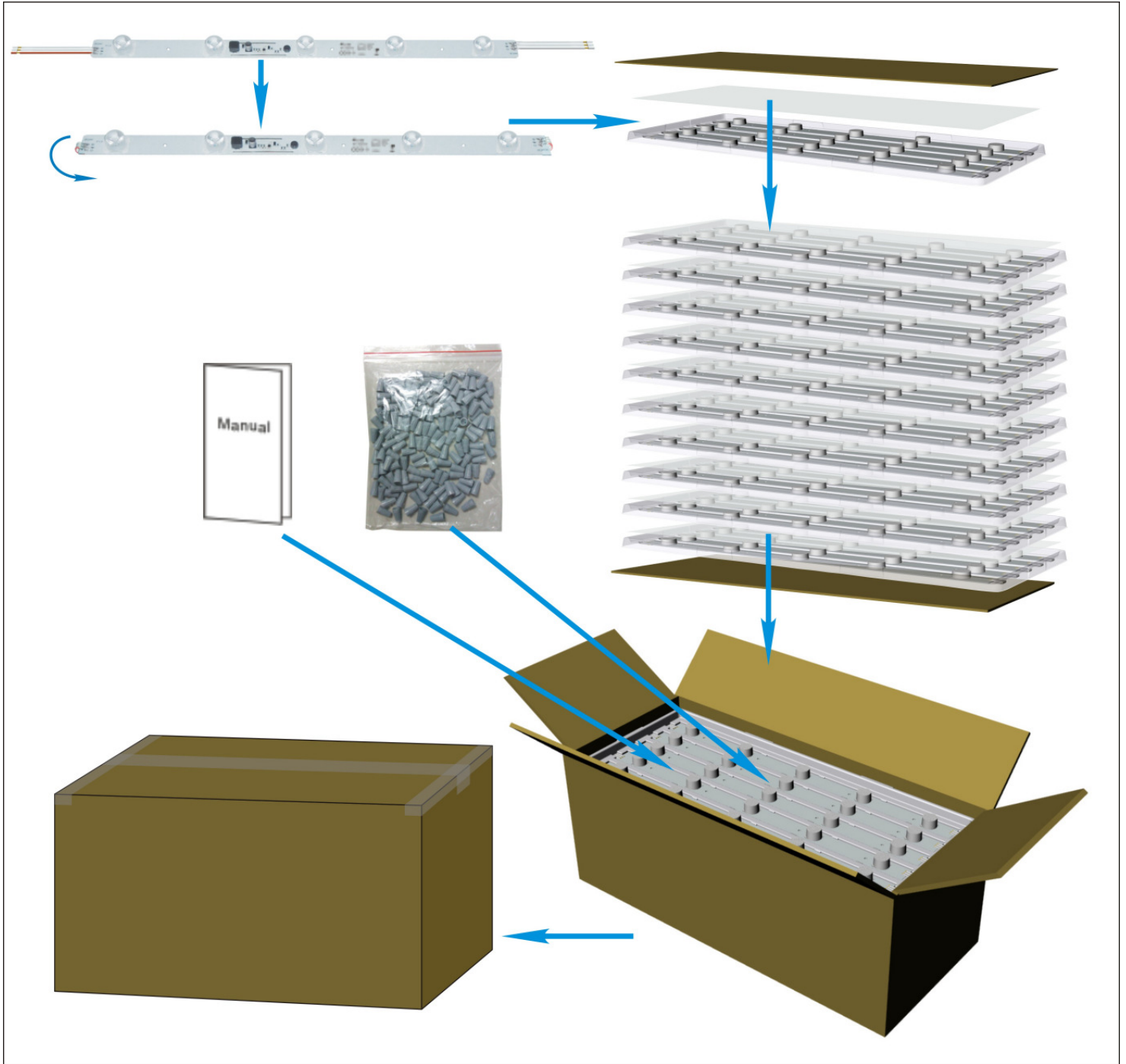
**Z6003XBD**



**Packaging:**

1. Carton Dimension: 37\*24.2\*27 cm=0.0241CBM [14.57\*9.53\*10.63in]
2. 5 products per layer, 10 layers in total, totally 50 products, 1 manual and 1 bag of twist-on wire connectors per carton.
3. Net Weight (N.W): 2.9 (1±10%) kg [6.393 (1±10%) lb];  
Gross Weight (G.W): 4.7 (1±10%) kg [10.362 (1±10%) lb].

**Z6005XBD**



**Packaging:**

1. Carton Dimension: 58.3 \*24.2\* 27cm=0.038CBM [22.95\*9.53\*10.63in]
2. 5 products per layer, 10 layers in total, totally 50 products, 1 manual and 1 bag of twist-on wire connectors per carton.
3. Net Weight (N.W): 4.6 (1±10%) kg [10.141 (1±10%) lb];  
Gross Weight (G.W): 6.8 (1±10%) kg [14.991 (1±10%) lb]。

Note: The actual packed quantity and weight subject to change without prior notice.