

Z-LED 7 is a high lighting power LED linear system which is particularly effective for double-sided internally illuminated sign boxes, flex-face signs, totems and monoliths.

Comprising high quality and efficient Cree LEDs combined with specially designed lens, these modules produce 30% more light per Watt than other similar looking products.



Available in **three** and **five** LED versions, these weatherproof modules are suitable for interior and exterior use and are designed to be arranged along the long edge of a sign box to provide a uniformly lit appearance on the substrate or flex-face skin.

FEATURES

- Controlled 10° x 40° flat but wide angle beam
- High Brightness and efficiency (100 lumens per Watt Z7005XBD Natural White)
- Three white colour temperatures available (Natural White is standard)
- Weatherproof module with flying leads for interior or exterior use
- Safe, low power operation (24V DC)
- 5 years or 22,000 hours whichever occurs first

APPLICATIONS

- Edge lighting. One edge lit in single-sided boxes (min 90mm deep) up to 1 metre high and double-sided boxes (min 140 deep) up to 0.8 metre high. Two edges lit in single-sided boxes up to 2.5 metres high and in double-sided boxes up to 2 metres high.

CERTIFICATIONS

CE, RoHS compliant and UL94 V-2 flame-retardant

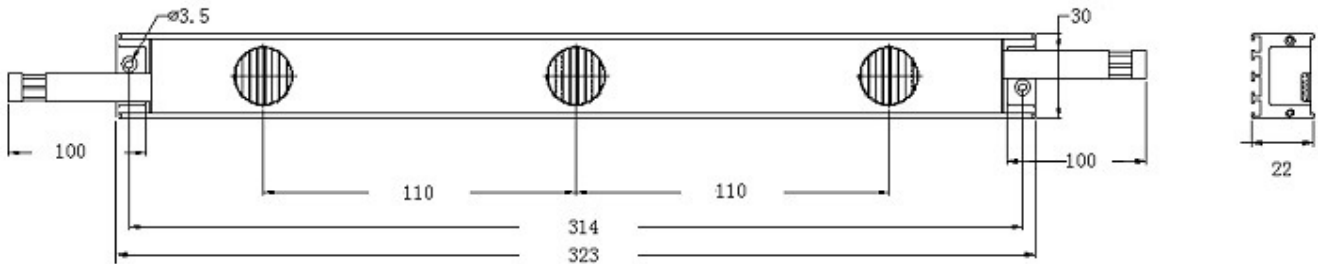
SPECIFICATIONS (Typical data @ 25°C (±2°C) and at nominal input voltage)

Part no.	LED Colour	Colour Temp (°K +/- 500)	Beam Angle (°)	Flux (lm)	CRI	Efficacy (lm/W)	Input voltage (VDC)	Current max (mA)	Power (W)
Z7003XBD	Natural White	6000	10 x 40	660	≥70	97	24	283	6.8
	Daylight White	4500		570		84			
	Warm White	3000		501		74			
Z7005XBD	Natural White	6000		1100		100			
	Daylight White	4500		950		86			
	Warm White	3000		835		76			

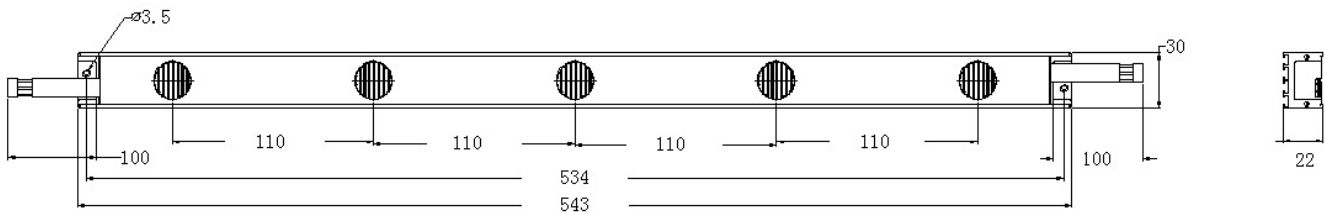
DIMENSIONS (mm)

Part no.	Dimensions (LxWxH) mm	Number of LEDs	Weight (kg)	Operating Temp (°C)	Storage Temp (°C)	IP Rating
Z7003XBD	323x30x22	3	0.28	-25 to +60	-25 to +70	IP65
Z7005XBD	543x30x22	5	0.46			

Z7003XBD



Z7005XBD

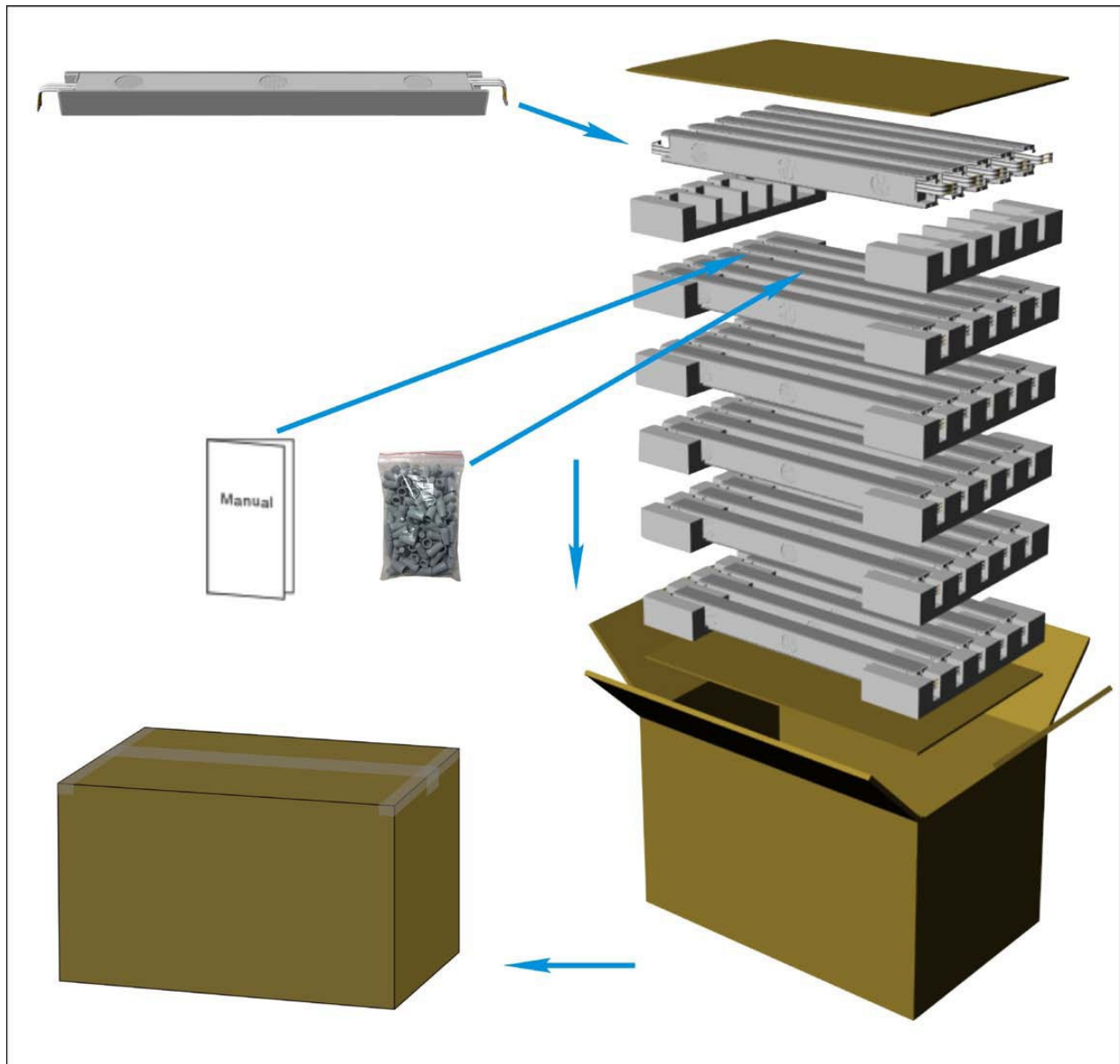


Notes

- Supplied with flying leads both ends, twist-on barrel type connectors included when with full carton qty supplied
- Suitable for either screw or self-adhesive tape fixing not supplied

PACKAGING

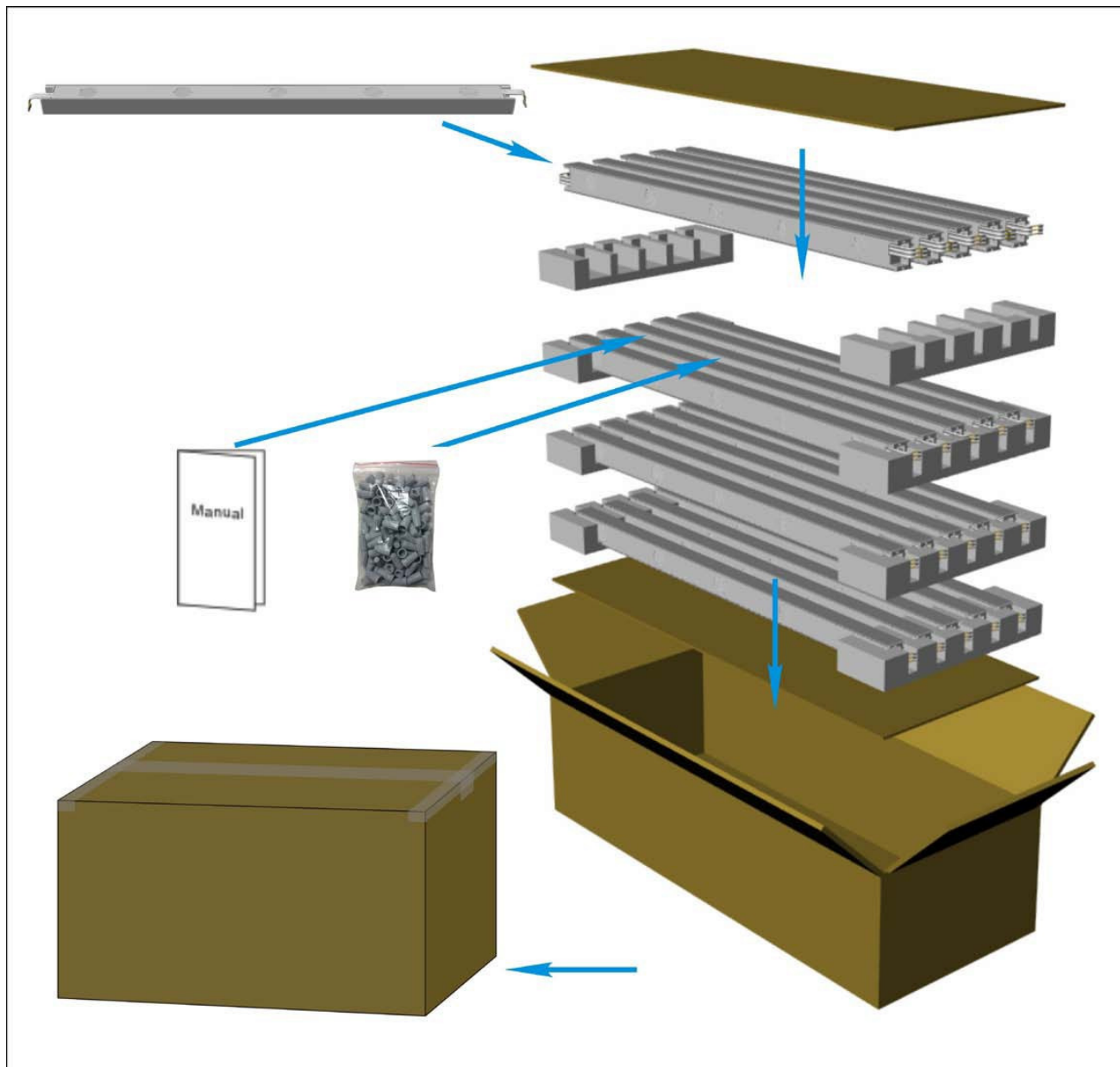
for Z7003XBD



1. Carton dimensions 38.5 x 24.5 x 22cm = 0.0207M³ (1±10%)
2. 5 modules per layer, 6 layers in total, totally 30 modules per carton, 1 manual and 1 bag of twist-on wire connectors per carton.
3. Net Weight (N.W): 8.4 (1±10%) kg
Gross Weight (G.W): 9.3 (1±10%) kg

PACKAGING

for Z7005XBD



1. Carton dimensions 60 x 24.5 x 15cm = 0.022m³ (1±10%)
2. 5 modules per layer, 4 layers in total, totally 20 products, 1 manual and 1 bag of twist-on wire connectors per carton.
3. Net Weight (N.W): 9.6 (1±10%) kg
Gross Weight (G.W): 10.2 (1±10%) kg

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

E&OE. Data subject to change without notice and to our standard terms and conditions available at www.superorbisled.co.uk

