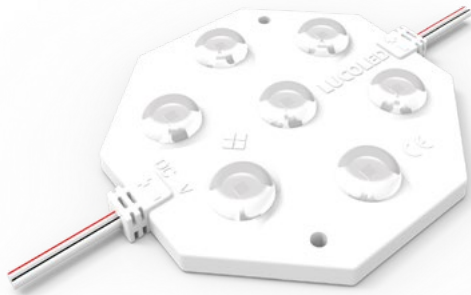




LUCOLED BL72



- *5 years warranty*
First 2 years extended warranty
- *Lucolense wide beam technology*
- *High efficacy*
- *Constant Current Technology*
- *Narrow white binning*

Lucoled Plus BL72 modules offer a high quality and efficient backlit solution for lightboxes with a depth of 120-300 mm.

Using the latest Top-Tier LED technology and high quality patented optics Lucoled Plus BL72 offers industry leading efficacy and coverage. This not only reduces the amount of modules needed for an application, but also the overall power consumption.

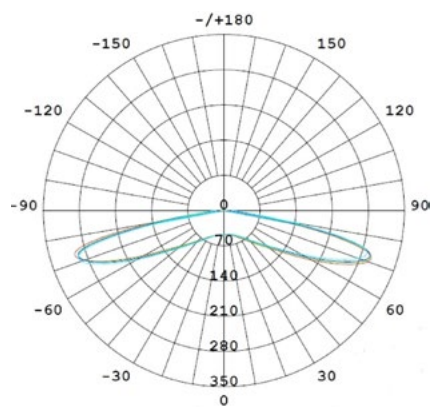
In a typical application of 160 mm deep only 4 modules per square meter are used at maximum wire spacing, making installation very fast and less labour-intensive. By using only 28 W per square meter the number of power supplies needed is also strongly reduced.

SPECIFICATIONS

- Dimensions 100x90x10mm
- Warranty 5 years (first 2 years extended)
- Beam angle: 160°
- Can be cut between every unit
- UL, CE and RoHS compliant
- Narrow white binning
- Constant Current Technology
- Operating temperature -25~+60C

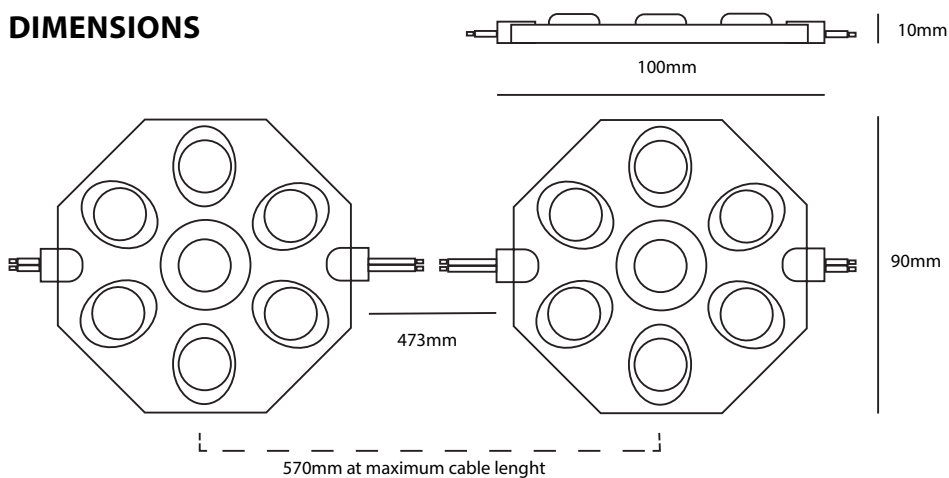


LUMINOUS INTENSITY DISTRIBUTION

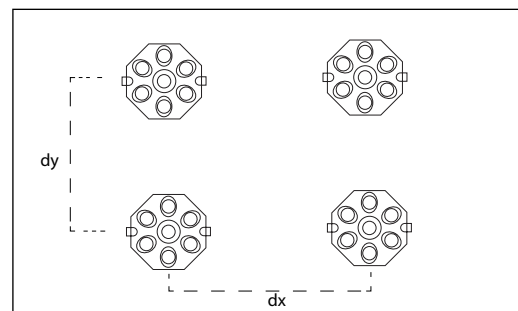


Item no	LED colour	CT (K)	CRI	Power (W/mod)	Flux (lm/mod)	Efficacy (lm/W)	Voltage (DC)	Modules per chain	Modules per carton
BL72-W65	white	6500	>70	7.0	1035	148	24	10	80

DIMENSIONS



Light box depth (mm)	Space between modules (mm)	Installing density (pcs/m²)	Lumen per m² (Lm) based on 6500K
dz=120	dx=300, dy=300	9	9315
dz=150	dx=450, dy=400	6	6210
dz=180	dx=500, dy=500	4	4140
dz=180	dx=450, dy=400	6	6210
dz=180	dx=300, dy=300	9	9315
dz=250	dx=500, dy=500	4	4140



Results may vary depending on face material properties. The data above was obtained using 3mm thick opaque acrylic with a 54% light transmittance. Luceo advises to paint the inside of the box/letters in a matt white colour for achieving an optimal result. Always test before production.

POWER SUPPLY CAPACITY 24V SERIES

Item	xx2430	xx2460	xx24100	xx24150	VP24240	VP24400
Power Output	30W	60W	100W	150W	240W	400W
BL72 modules / power supply	3	7	13	19	30	50
Maximum 10 modules per chain						

PACKAGING

Item	Qty (pcs/bag)	Qty (bags / carton)	Total Qty (pcs / carton)	Total weight (kg)	Carton size (LxWxH) in mm
BL72	10	8	80	15.3	350 x 260 x 250