



LUCOLED BL60-TW



- *5 years warranty*
- *Lucolense prismatic angle technology*
- *high efficiency of 140 lumen per Watt*
- *Constant Current Technology*
- *Narrow white binning*
- *24V*
- *Tuneable White*

Lucoled Value Range BL60 modules offer a high quality and efficient backlit solution for lightboxes and stretched ceilings.

Lucoled BL60 uses high efficiency LED's and optics and are designed for illuminating large surfaces, like stretched ceilings.

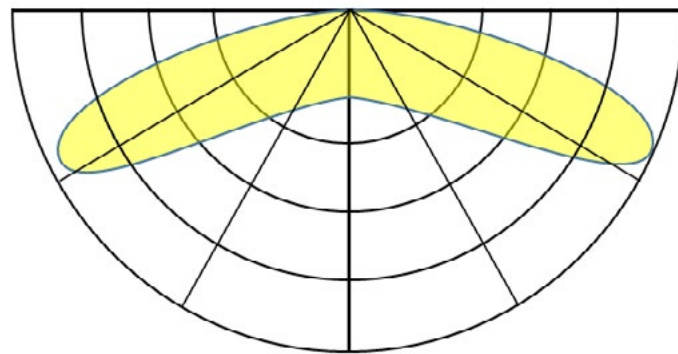
The tuneable white option, combined with Lucoled's control range, make human centric lighting possible. The colour of the illumination can be adapted to the desired mood and time-of-day.

SPECIFICATIONS

- Dimensions 181x27.5x9mm
- Warranty 5 years
- Beam angle: 170°
- Can be cut between every unit
- CE and RoHS compliant
- Narrow white binning
- Constant Current Technology
- Operating temperature -20°C~+45°C

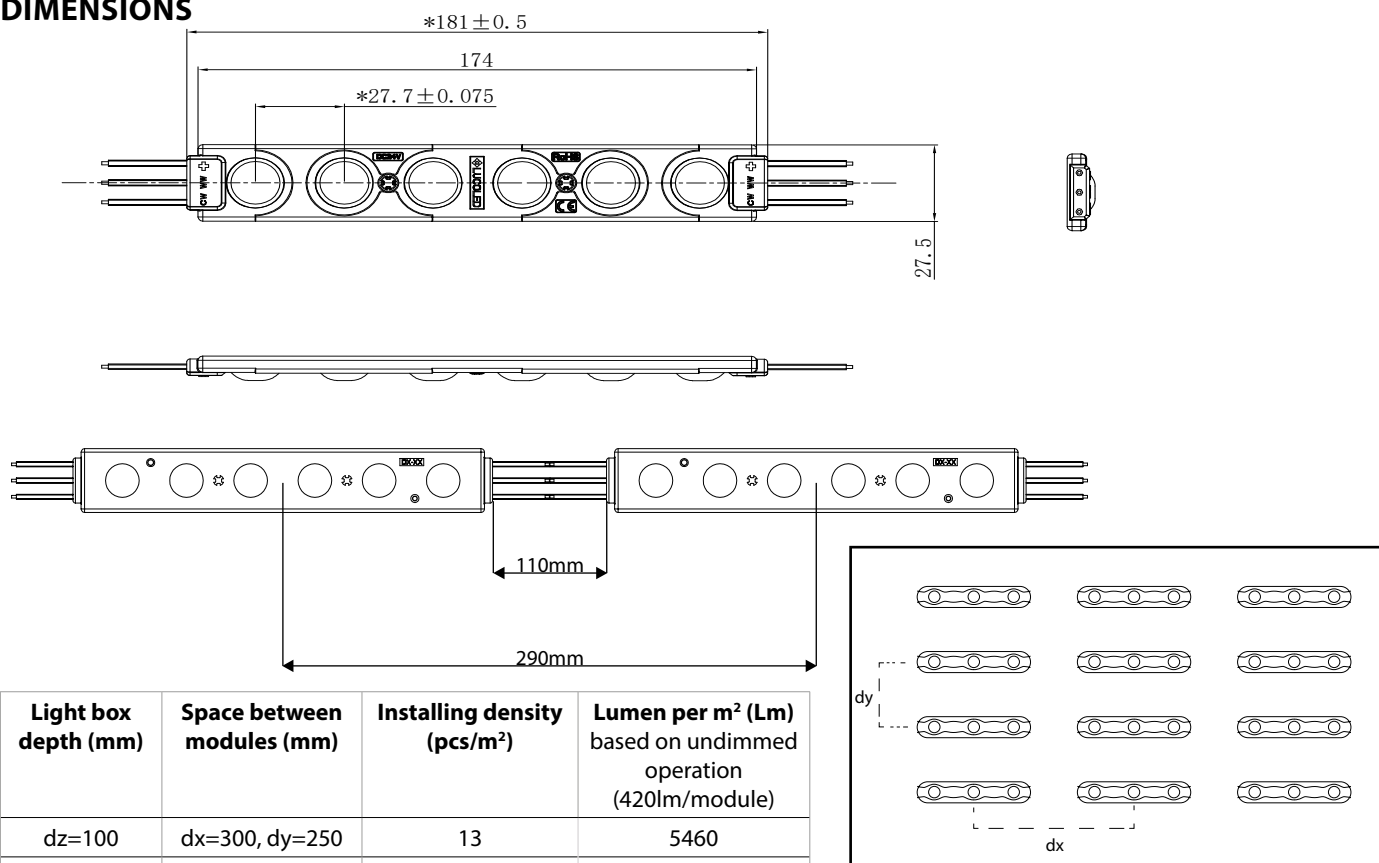


LUMINOUS INTENSITY DISTRIBUTION

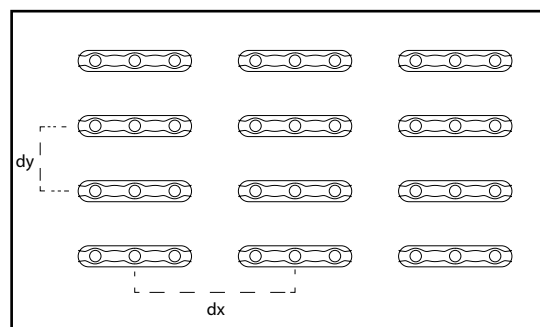


Item no	LED colour	CT (K)	CRI	Power (W/mod)	Flux (lm/mod)	Efficacy (lm/W)	Voltage (DC)	Modules per chain	Modules per carton
BL60-TW	white	2700 & 6500 both full on	>80	3.0	420	140	24	25	350
BL60-TW	white	2700 only	>80	1.5	203	135	24	25	350
BL60-TW	white	6500 only	>80	1.5	218	145	24	25	350

DIMENSIONS



Light box depth (mm)	Space between modules (mm)	Installing density (pcs/m²)	Lumen per m² (Lm) based on undimmed operation (420lm/module)
dz=100	dx=300, dy=250	13	5460
dz=150	dx=300, dy=500	7	3150
dz=200	dx=300, dy=700	5	2100



Results may vary depending on face material properties. The data above was obtained using 3mm thick opaque acrylic with a 54% light transmittance. Lucoled 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
BL60 modules per power supply	9	18	30	45	72	120
Maximum 25 modules per chain						

PACKAGING

Item	Qty (pcs/bag)	Qty (bag / carton)	Total Qty (pcs / carton)	Total weight (kg)	Carton size (LxWxH) in mm
BL60	25	25	350	24.6	528 x 376 x 272