



LUCOLED BLI



- *5 years warranty*
- *Lucolense prismatic flat beam technology*
- *High efficacy*
- *Constant Current Technology*
- *Narrow white binning*

Lucoled BLI LED bars offer a high quality and efficient backlit solution for very shallow lightboxes down to 30 mm deep.

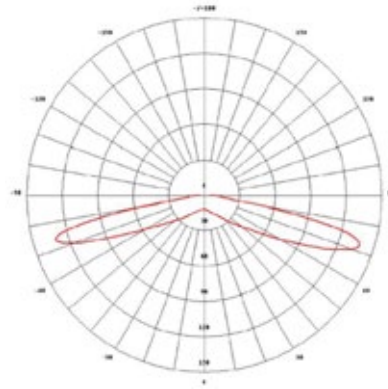
The BLI series comes in 3 lengths, each simply cuttable to fit your lightbox. The whole system is equipped with connectors and comes with a pre wired connection system, making it a plug-and-play installation.

The BLI series uses the latest reimagined flat beam prism lens technology, reducing the number of LED's required for an even illumination and thus also reducing required power per square meter to only 57 W/m². This while offering 6.798 lumen per square meter, 120 lm/W efficiency, giving a bright and efficient result at reduced total cost of ownership.

SPECIFICATIONS

- 2835 SMD LED with long life and low attenuation
- Easy installation with connectors and prewired cable harness, plug and play.
- Warranty 5 years
- Beam angle: 170°
- Cutable every 2 LEDs
- UL, CE and RoHS compliant
- Narrow white binning
- Constant Current Technology
- Operating temperature -25~+60C

LUMINOUS INTENSITY DISTRIBUTION



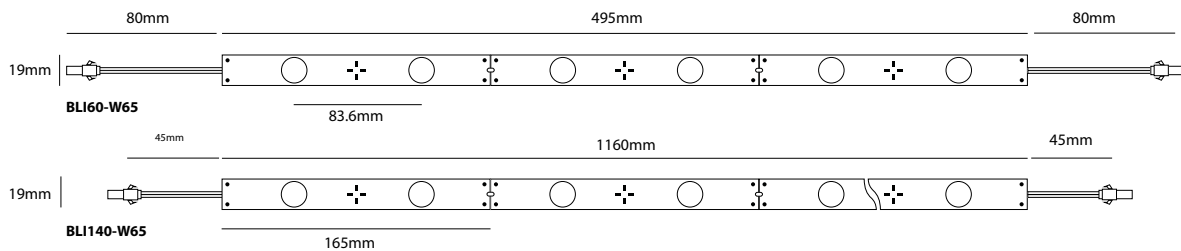
Item no	LED colour	CT (K)	CRI	Power (W/mod)	Flux (lm/mod)	Efficacy (lm/W)	Voltage (DC)	Modules in series	Modules per BLI-CON	Modules per carton
BLI20-W65	white	6500	>70	0.86	101	118	24	24	180	210
BLI60-W65	white	6500	>70	2.6	312	120	24	8	60	180
BLI140-W65	white	6500	>70	6	720	120	24	4	30	300

ACCESSORIES

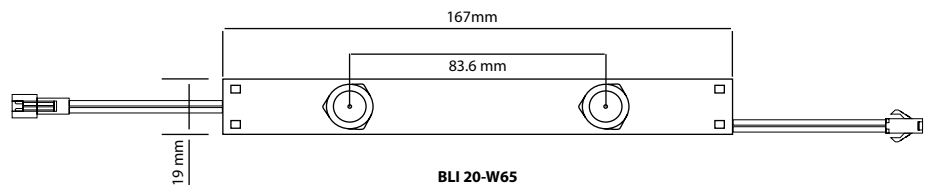
Item no	Description
BLI-CON	BLI cable assembly, 1.5m, 12 connections, every 10cm.
BLI-FCON	BLI power flying leads with female connector
BLI-MCON	BLI power flying leads with male connector
BLI-JCT-300	BLI junction cable male-female 300mm



DIMENSIONS



Light box depth (mm)	row distance (mm)
30 - 60mm	80mm
60 - 80mm	90mm
80 - 100mm	100mm



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	PP2430	PP2460	PP24100	PP24150	PP24200
Power Output	30W	60W	100W	150W	200W
BLI 20 modules / power supply	30	60	68	104	138
BLI 60 modules / power supply	10	20	34	52	69
BLI140 modules / power supply	4	9	15	22	30

PACKAGING

Item	Qty (pcs/bag)	Qty (bags / carton)	Total Qty (pcs / carton)	Total weight (kg)	Carton size (LxWxH) in mm
BLI20-W65	10	20	200	4.2	358x256x244
BLI60-W65	9	20	180	9.2	570x340x250
BLI140-W65	10	30	300	30.0	1220x340x250
BLI-CON	30	1	30	5	400x300x150