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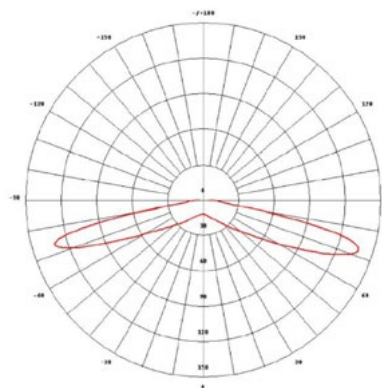
The BLI series comes in 3 lengths, each simply cuttable to fit your lightbox. The whole system is equipped with connectors and comes with a pre wired connection system, making it a plug-and-play installation.

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: 170º
- Cuttable every 2 LEDs
- UL, CE and RoHS compliant
- Narrow white binning
- Constant Current Technology
- Operating temperature -25~+60C

LUMINOUS INTENSITY DISTRIBUTION

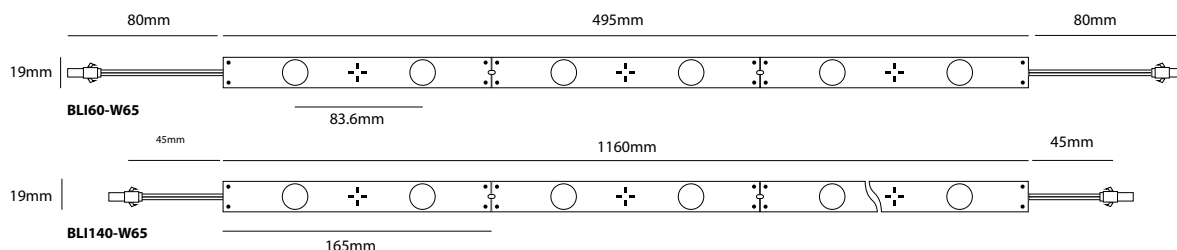| UL | CE | RoHS | **2** LEDs | bare board series | DC **24V** | IP **20** | **5** Years |

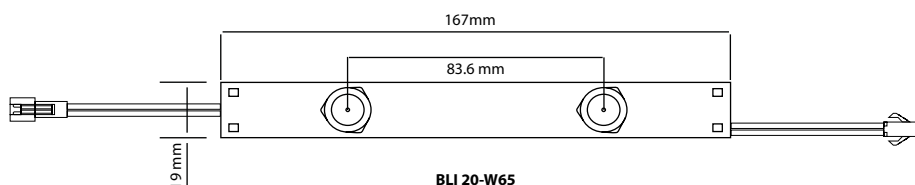| Item no	LED colour	CT (K)	CRI	Power (W/mod)	Flux (lm/mod)	Efficacy (lm/W)	Voltage (DC)	Modules in series	Modules per BLI-CON	Modules per carton
BLI20-W65	white	6500	>70	0.86	101	118	24	24	180	200
BLI20-W40	white	4000	>70	0.86	101	118	24	24	180	200
BLI20-W30	white	3000	>70	0.86	101	118	24	24	180	200
BLI60-W65	white	6500	>70	2.6	312	120	24	8	60	180
BLI60-W40	white	4000	>70	2.6	312	120	24	8	60	180
BLI60-W30	white	3000	>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

BLI-CON

DIMENSIONS

BLI60-W65
80mm | 495mm | 80mm
19mm
83.6mm

BLI140-W65
45mm | 1160mm | 45mm
19mm
165mm

167mm
83.6 mm
19 mm
BLI 20-W65

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

POWER SUPPLY CAPACITY 24V SERIES

Item	xx2430	xx2460	xx24100	xx24150	VP24240	VP24400
Power Output	30W	60W	100W	150W	240W	400W
BLI 20 modules / power supply	30	60	104	156	251	418
BLI 60 modules / power supply	10	20	34	52	83	138
BLI140 modules / power supply	4	9	15	22	36	60

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