



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.

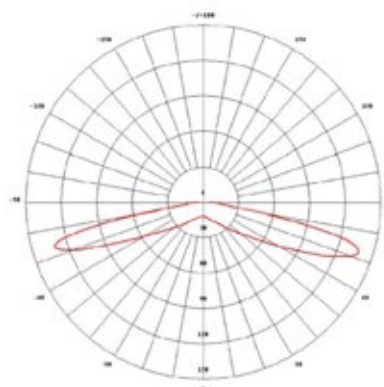
The BLI series comes in 3 lengths, each simply cuttable to fit your lightbox. The whole system is equipped with connectors and comes with a pre wired connection system, making it a plug-and-play installation.

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



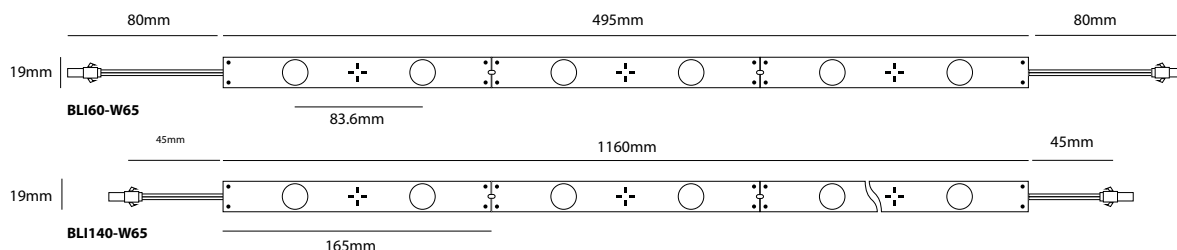
| Item no | LED colour | CT (K) | CRI | Power (W/mod) | Flux (lm/mod) | Efficacy (lm/W) | Voltage (DC) | Modules in series | Modules per BLI-CON | Modules per carton |
|------------|------------|--------|-----|---------------|---------------|-----------------|--------------|-------------------|---------------------|--------------------|
| BLI20-W65 | white | 6500 | >70 | 0.86 | 101 | 118 | 24 | 24 | 180 | 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

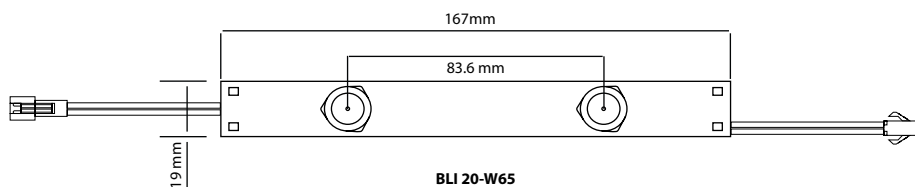
| Item no | Description |
|-------------|---|
| BLI-CON | BLI cable assembly, 1.5m, 12 connections, every 10cm. |
| BLI-FCON | BLI power flying leads with female connector |
| BLI-MCON | BLI power flying leads with male connector |
| BLI-JCT-300 | BLI junction cable male-female 300mm |



DIMENSIONS



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



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 |