

# eLighting

## LINEAR HIGHBAY

WAREHOUSE AISLE LIGHTING



165 lm/W



IP65



Various  
beam angles



5 year  
warranty

HIGH BAY / LHB200W

INDOOR

LINEAR HIGHBAY 200W

by eLighting

INGRESS  
IP65

|               |              |          |                  |
|---------------|--------------|----------|------------------|
| LUMINOUS FLUX | SYSTEM POWER | EFFICACY | COLOUR RENDERING |
| 33000 lm      | 150 W        | 165 lm/W | >80 CRI          |



OVERVIEW

Designed for warehouses, workshops, factories, retail spaces, and other medium-height installations, the Low Bay LED Light delivers powerful, energy-efficient illumination with excellent light distribution and reduced glare. Its robust aluminium construction ensures effective thermal management for long service life, while the high-performance LED optics provide uniform lighting across work areas.

MOUNTING

Surface mount

OPTICAL & PHOTOMETRIC

|                        |                                        |
|------------------------|----------------------------------------|
| Luminous Flux          | 33000 lm                               |
| Efficacy               | 165 lm/W                               |
| Correlated CCT         | 3000 -6500K                            |
| Colour Rendering (CRI) | >80                                    |
| Beam Angle             | 30° 60° 90° 120°                       |
| UGR (Glare Rating)     | <19                                    |
| Distribution           | Symmetrical narrow flood distribution. |

PHYSICAL & ENVIRONMENTAL

|                  |                           |
|------------------|---------------------------|
| Dimensions       | 930x160x90mm              |
| Weight           | 4.6kg                     |
| Housing Material | Die-cast Aluminum         |
| Lens / Diffuser  | High Impact Polycarbonate |
| Finish / Colour  | Black                     |
| IP Rating        | IP65                      |
| IK Rating        | IK09                      |
| Operating Temp   | -20°C to +45°C            |

ELECTRICAL

|                  |                            |
|------------------|----------------------------|
| System Power     | 150 W                      |
| Input Voltage    | 100-277V AC                |
| Frequency        | 50/60 Hz                   |
| Power Factor     | >0.95                      |
| Driver Type      | Constant Current, Isolated |
| THD              | <15%                       |
| Surge Protection | 10kV (L-N / L-PE)          |
| Dimmable         | No                         |
| Battery Backup   | Yes                        |
| Backup Duration  | On Request                 |

LIFESPAN & WARRANTY

|                   |                |
|-------------------|----------------|
| Rated Lifespan    | L90B10 50,000h |
| Warranty          | 5 Years        |
| Lumen Maintenance | LM80 tested    |

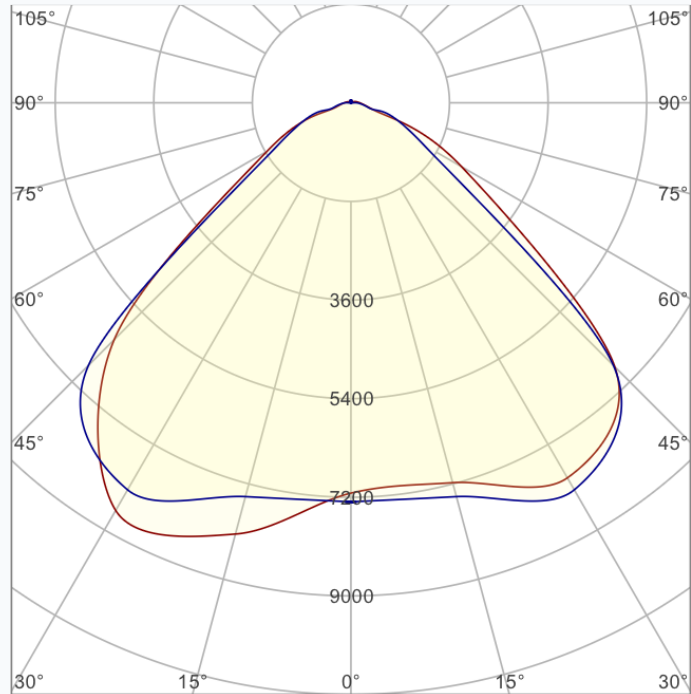
COMPLIANCE

IEC / SANS 60598

MODELS / VARIANTS

| MODEL  | POWER | LUMENS   | EFFICACY | CCT           | CRI   | BEAM             |
|--------|-------|----------|----------|---------------|-------|------------------|
| LHB100 | 100 W | 16500 lm | 165 lm/W | 3000K - 6500K | 70/80 | 30° 60° 90° 120° |
| LHB150 | 150 W | 24750 lm | 165 lm/W | 3000K - 6500K | 70/80 | 30° 60° 90° 120° |

LIGHT DISTRIBUTION CURVE



## PRODUCT DRAWING

