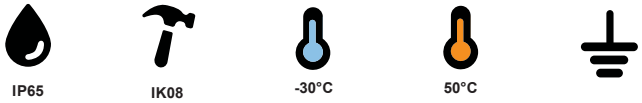
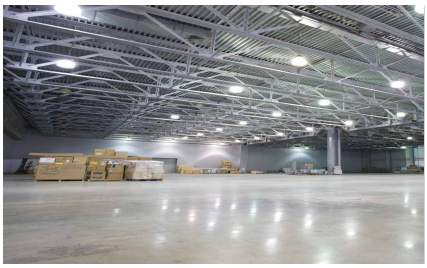
PLIHBY01 LED HIGHBAY

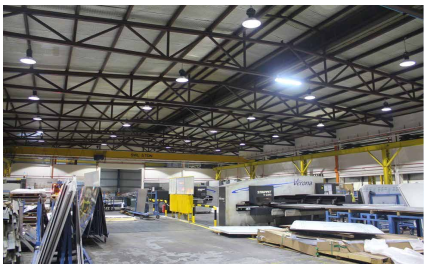
Features

The PLIHBY-01 highbay is designed for challenging ambient conditions thanks to its high IP65 protection rating and IK08 impact resistance. It features and easy clean enclosure along with a breather for improved heat dissipation.
It also features multiple distribution options to accommodate a variety of mounting heights. Theigh efficacy combined with multiple distribution options combines to provide reduced energy consumption.
Optional motion, daylight motion sensors further reduce energy consumption.



Typical Applications





Technical Specifications

Operating Voltage	100-277Vac 50-60Hz
Power Factor	≥0.93
EMC	AS/NZSCISPR15
Safety	AS/NZS60598.1, AS/NZS60598.2.1
Dimming/Control Options	Occupancy sensor, daylight sensor, 1-10V, DALI, EnOcean, Emergency
Enclosure	Marine grade powdercoated aluminium
Optical Cover	PMMA
Supply Connection	1.5m 3 Pin Plug
Installation	Suspension or Trunion Mount
Dimensions	Ø260mm x 168mm (80w, 100w) , Ø300mm x 170mm (120w, 150w)
Weight	2.1kg (80w/100w) , 2.5kg (120w/150w)
Efficacy	130lm/W (150lm/w Optional)
CCT	3000K, 4000K or 5000K
CRI	Ra70 (Ra 80 and 90 optional)
Lens Options	Clear pmma, 60°, 90°, 120°
Reflector Options	Polycarbonate prismatic reflector, Aluminium reflector
LED Life	L70 / B50 >70000 Hours

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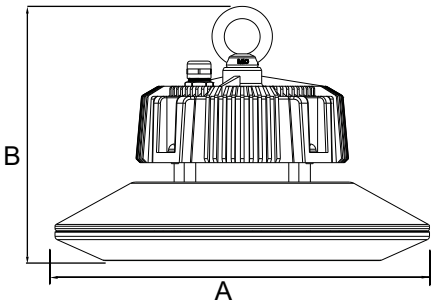
Photometric Diagrams

Dimensions



Accessories

Aluminium Reflector

Polycarbonate Reflector

POWER (W)	LUMINOUS FLUX (LM) *	WEIGHT (KG)	DIMENSION A (mm)	DIMENSION B (mm)
80	10400	2.1	260	167.5
100	13000	2.1	260	167.5
120	15600	2.5	300	170
150	19500	2.5	300	170

* 150lm/w available on request

Ordering Methodology

PLIHBY01 -

XXX - POWER
- **080** (80w)
- **100** (100W)
- **120** (120w)
- **150** (150w)

XX - CRI/CCT
- **37** (3000k, 70 cri)
- **47** (4000k, 70 cri)
- **57** (5000k, 70 cri)

X - LENS
- **A** (60°)
- **B** (90°)
- **C** (120°)

XX REFLECTOR
- **BLANK** (NO REFLECTOR)
- **AL** (ALUMINIUM REFLECTOR)
- **PP** (PRISMATIC POLYCARBONATE)

X - DIMMING/CONTROL
- **O** (NO DIMMING)
- **D** (DALI)
- **A** (0-10v)
- **M** (MOTION SENSOR)
- **Y** (DAYLIGHT SENSOR)
- **E** (EnOcean)