

ECO PREMIUM RANGE HIGHBAY LUMINAIRE

952-123 - CYFELCO 2 UHB 150W 865 PS

PRODUCT DATASHEET

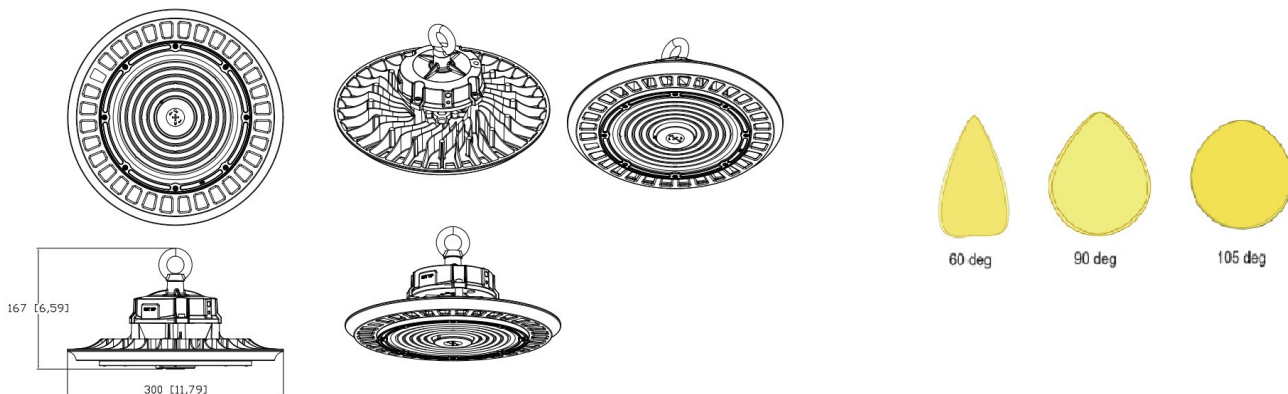
High performance Highbay LED Luminaires with adjustable wattage and beam angle

Areas of application

- Industrial and - storage facilities
- Manufacturing Areas
- Warehouses and logistics centres
- Showrooms and high ceiling halls

Product Features

- Long lifetime and high efficiency: 50,000 hours with efficiency up to 150lm/W
- Lumen/Watt adjustable, 3 Levels
- Beam angle adjustable, 3 Levels
- Easy installation
- Die cast Aluminium Housing and Polycarbonate Diffuser
- Lifetime (L70/B50): up to 120,000 h
- 5 Years Warranty



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LIGHT
RIGHT

TECHNICAL DATA

Operating and Electrical

| | |
|---------------------------|---------------------|
| Input Voltage | 220-240V AC |
| Line Frequency | 50/60 Hz |
| Nominal Power Consumption | 90/120/150 W |
| Power Factor | >0.90 |
| Total Harmonic Distortion | <15% |
| Protection Class | Class I |
| Driver | Power Selectable |
| Connection | Push in connector |

Over Time Performance

| | |
|---------------------------|--------------|
| Lifespan L70/B50 at 25 °C | >120,000 hrs |
|---------------------------|--------------|

Application

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|---------------------------|------------------------|
| Ambient Temperature Range | -25 to +45 °C |
| Ingress Protection Code | IP65 |
| Mech. Impact Protection | IK08 |
| Application Environment | Indoor |
| Mounting Type | Ceiling/Suspended/Wall |
| Dimmable | No (Adjustable) |

Logistics

| | |
|----------------------------|----------------|
| Dimensions (H x Φ) | 160x300 mm |
| Packaging Size (L x W x H) | 330x330x185 mm |
| Gross Weight | 2.65 Kg |
| Net Weight | 2.05 Kg |

Directives

| | |
|-------------|------------------------------------------------------|
| 2014/30/EU | Electromagnetic Compatibility Directive |
| 2014/35/EU | Low Voltage Directive |
| 2011/65/EU | Restriction of Hazardous Substances Directive (RoHS) |
| 2009/125/EU | Ecodesign Requirements for energy-related products |

Standards

| | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EN 60598-1:2021 | Luminaires part 1 General Requirements |
| EN 60598-2-1:2020 | Part 2: Particular requirements-Section 1 Fixed general purpose luminaires |
| EN IEC 55015:2019+A11:2020 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| EN 62493:2015 | Assessment of lighting equipment related to human exposure to electromagnetic fields |
| EN 61547:2009 | Equipment for general lighting purposes - EMC immunity requirements |
| EN IEC 61000-3-2:2019+A1:2021 | Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase) |
| EN 61000-3-3:2013+A1:2019 | Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection |

Photometric Data

| | |
|------------------------------|-----------------------------|
| Luminous Flux | 13500/17400/21000 lm |
| Luminous Efficacy | 150/145/140 lm/W |
| Color Temperature | 6500 K (Cool Daylight) |
| Color Rendering Index Ra | >80 |
| SDCM | <5 |
| Flickering metric (Pst LM) | <1 |
| Stroboscopic Effect (SVM) | <0.4 |
| Photobiological safety group | RG 0 |
| Beam Angle | 60/90/105° (90° Default) |
| UGR | – |

Mechanical and Housing

| | |
|------------------|--------------------------|
| Housing Material | Die Cast Aluminium ADC12 |
| Diffuser | Polycarbonate |
| Housing Color | Powder Black RAL9017 |
| Cable | Rubber Thread |

Accessories

| | |
|---------------------|----------------------|
| Suspension Hook | Included as standard |
| Aluminium Reflector | Optional |
| PC Reflector | Optional |
| Bracket 45° | Optional |

