



ECO PREMIUM RANGE HIGHBAY LUMINAIRE

952-120 - CYFELCO 2 UHB 100W 840 PS

PRODUCT DATASHEET

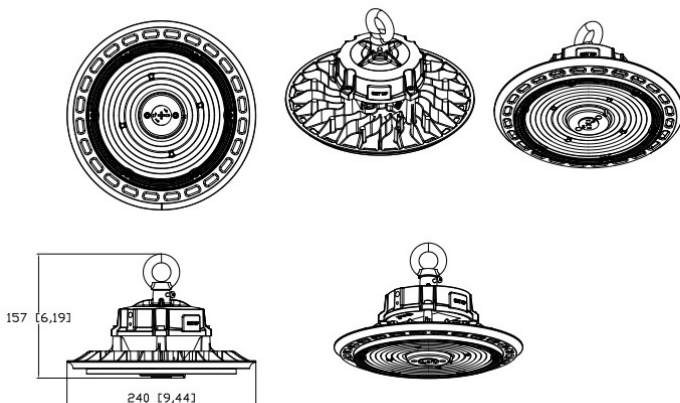
High performance Highbay LED Luminaires with adjustable wattage and beam angle

Areas of application

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

Product Features

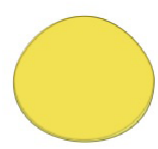
- Long lifetime and high efficiency: 50,000 hours with efficiency up to 150lm/W
- Lumen/Watt adjustable, 3 Levels
- Beam angle adjustable, 3 Levels
- Easy installation
- Die cast Aluminium Housing and Polycarbonate Diffuser
- Lifetime (L70/B50): up to 120,000 h
- 5 Years Warranty



60 deg



90 deg



105 deg



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LIGHT
RIGHT

TECHNICAL DATA

Operating and Electrical

Input Voltage	220-240V AC
Line Frequency	50/60 Hz
Nominal Power Consumption	60/80/100 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
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Application

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)	149x240 mm
Packaging Size (L x W x H)	260x260x175 mm
Gross Weight	1.88 Kg
Net Weight	1.56 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	9000/11600/14000 lm
Luminous Efficacy	150/145/140 lm/W
Color Temperature	4000 K (Cool White)
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

