xcite LED Lighting
Data Sheet

Order Code: XCHBAX1

X1 HIGHBAY - 100W/150W/200W - 60°/ 90°/110° - 3000K/4000K/5000K - Fixed output



Features

- **100W/150W/200W Selectable Wattage**
  Allows the light output to be tailored to suit different ceiling heights and brightness requirements.
- **3000K/4000K/5000K Switchable CCT**
  Enables warm, neutral, or cool white lighting to be selected to suit the environment and application.
- **60°/ 90°/110° Adjustable Beam Angles**
  Provides optimal light distribution for both open areas and narrower aisle applications.
- **Low Glare**
  A moderate-to-low level of glare [UGR <22], meeting standards for general industrial tasks, workshops, and production areas.
- **Up To 164 lm/W Efficacy**
  Delivers high performance illumination whilst helping to reduce energy consumption and running costs.

Construction

- **Cast Aluminium Construction**
  Provides a hard wearing and durable solution suitable for demanding commercial and industrial environments.
- **Prismatic Or Aluminium Reflector Options**
  Allows the luminaire to be tailored for different lighting distributions and visual comfort requirements.
- **Eye Bolt & Stirrup Bracket Mounting Options**
  Offers flexible installation methods to suit a wide range of application requirements.
- **Sensor Options Available**
  Helps reduce energy consumption by automatically controlling lighting based on occupancy or daylight levels.
- **Emergency Options Available**
  Provides continued illumination during power failure to support occupant safety and safe exit.

Technical Data

General

Luminaire Wattage (W)	100 / 150 / 200
Weight (kg)	2.46
Operating Temperature (ta °C)	0° to 25°

Light Output

Lumens (lm)	15700/22900/29400
Efficacy (lm/W)	164

LED

CRI	86
Macadam Elipses	5.4 to 5.7

Driver

Driver Current (mA)	358 to 699
Forward Voltage (V)	258 to 282

Electrical

Rated Input Current (A)	0.44 / 0.62 / 0.82
Power Factor (pf)	0.93 / 0.97 / 0.98
Input Voltage Range (VAC)	220 to 240
Inrush Current Peak (A)	80A
Surge Protection (kV)	6KV
Conductor Size (mm)	1

Technical
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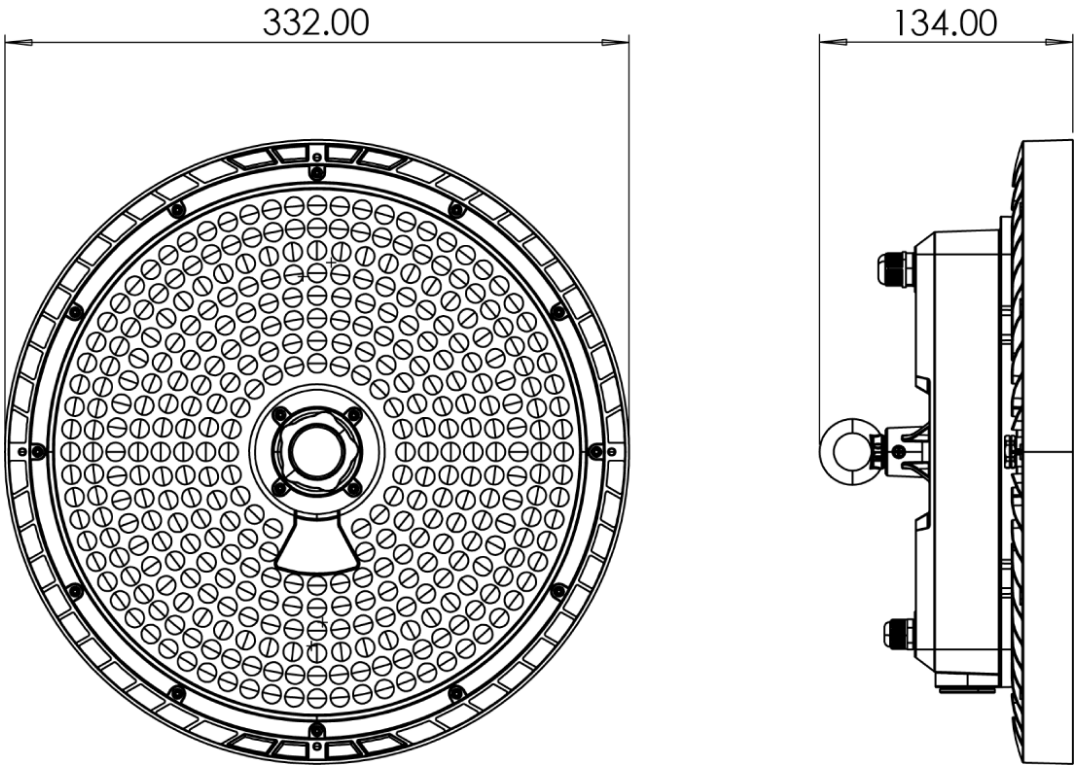
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Dimensions

Height (mm)	140
Dia. (mm)	330

Line Drawing



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