

# Cirrus 3

08716 CIR3200-W50

## Cirrus 3 120W/160W/200W wattage switchable 5000K

- High efficiency up to 160lm/W
- Optional plug-in emergency modules, available in standard, self-test and DALI
- Wattage switching at the side of high bay
- Die-cast aluminium body
- IP65 & vandal resistance IK10

### Overview

The Kosnic Circular High Bay LED luminaires offer energy savings and high performance, replacing conventional lighting in general industrial areas, manufacturing, warehousing, leisure facilities and retail environments.



### General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK10
IP Rating	IP65
Materials	Housing: Die-cast aluminium
Protection Rating	Class I
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	103,000 h

### Compliance

LVD	EN 60598-1:2024, EN 60598-2-1:2021
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023
Others	UKCA, CE, RoHS, WEEE

### Technical Summary

Product Code	CIR3200-W50
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	80A/350us
Settable Wattages	120W, 160W, 200W
Driver Code/Part number	LF-FHB200YEIV 5B (LiFud)
Driver Maximum Power (W)	200
Driver Output Current (mA)	500/670/830
Power Factor	0.95
Driver Power Factor	≥0.9
Default CCT	5,000 K
SDCM of CCT	<6
CRI	82
Dimmable	N
Flicker	<1%
Lumens Output Maximum	31,000 lm
Maintained Luminous Flux	1,000 lm
L70B50 Lifetime (h) @Ta 25 °C	162,000 h
L80B10 Lifetime (h) @Ta 25 °C	103,000 h
L90B10 Lifetime (h) @Ta 25 °C	50,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Weight	1.95Kg
Dimensions (L x W x D) (mm)	140xØ295
Beam Angle - Lumi (°)	90
LS Energy Efficiency Class	D

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## Optional Gear

Product Code	Description	Type
EMHB10	Emergency Module 10W Manual for Kosnic Highbays	Emergency Module
EMHB10/SST	Emergency Module Duo10W Manual&Self-test for Kosnic Highbays	Emergency Module
EMHB10/DA	Emergency Module 10W DALI for Kosnic Highbays	Emergency Module
EMHB05/SST	Emergency Module Duo 5W Manual&Self-test for Kosnic Highbays	Emergency Module
EMHB05/DA	Emergency Module 5W DALI-2 & Self-test for Kosnic Highbays	Emergency Module

Power (W)	Current (mA)	Lumen (lm)
120	549	19200
160	732	24800
200	915	31000

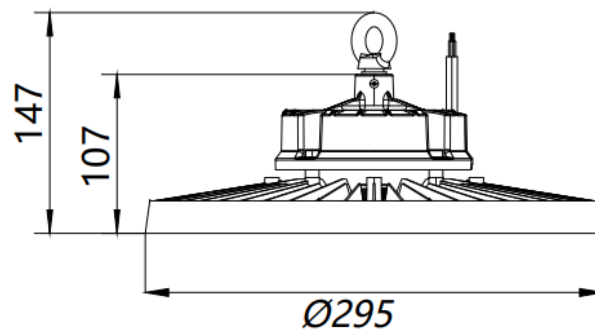
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Materials	Housing: Die-cast aluminium
Nominal Lifetime (h)	50,000 h
Protection Rating	Class I
Installation Area	Internal



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