5 Years
Product Warranty
UK Only

# Cirrus 3

Kosnic
LIGHTING • SIMPLY BETTER

08715 CIR3150-W50

## Cirrus 3 90W/120W/150W 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.

IP65

## 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 | CIR3150-W50 |
| Input Voltage Supply | 220-240Vac 50/60Hz |
| Inrush Current (peak/duration) (A) | 80A/350us |
| Settable Wattages | 90W, 120W, 150W |
| Driver Code/Part number | LF-FHB150YEIV 5B (LiFud) |
| Driver Maximum Power (W) | 150 |
| Driver Output Current (mA) | 620 |
| 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 | 22,500 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 | 1.5Kg |
| Dimensions (L x W x D) (mm) | 140x∅250 |
| 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 |

## Overview

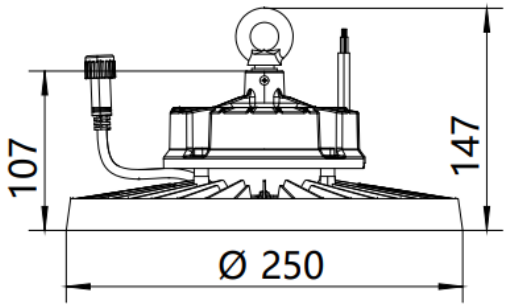
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| Power (W) | Current (mA) | Lumen (lm) |
|---|---|---|
| 90 | 412 | 14400 |
| 120 | 549 | 18000 |
| 150 | 686 | 22500 |

IP65

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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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