

lampar **ARCH**

LRHB | Icarus-II

Product Data Sheet



COMMERCIAL-GRADE

Round LED High-Bay



Product Overview

The lampar^{ARCH} LRHB Icarus II—series luminaire is engineered to replace traditional fluorescent or metal halide highbays with emphasis on optimizing performance in a compact, easy to manage package.

Manufactured with longevity and versatility in mind, LRHB-series replaces up to 2,000W MH and has a LED rated life of 100,000 hours making it reliable for mounting onto ceilings in suspended or mounted environments.

Product Warranty*



7-Year Warranty



75,000 Hrs

* Standard warranty. Extended warranty available.

Applications



Warehouse



Gym



Industrial



Retail

Main Features

- Non-isolated driver design with 0-10V dimming
- Metal stamped housing for superior thermal performance and structural integrity
- Compact design weighs less, minimizes installation time, and performs at the highest levels as a full-sized linear high bay
- Advanced lensing meets DLCv5.1 standard for Unified Glare Rating (UGR)
- Eco-friendly contractor packaging reduces packaging waste
- Standard suspend mounting hardware (included)
- 70% lumen maintenance at >100,000 hours
- Advanced driver is rated for AC97-305Vin
- Suitable for use in -4°F to 122°F



Project Details





Project Name:

Fixture Schedule:

Project Number:

Notes:

Model Specifications

Features	Description	
3-WATTselect		Wattage selectable: 3-way dip-switch
4-CCTselect		CCT selectable: 4-way dip-switch
blueARCH™ Controls		SIG-qualified Bluetooth Mesh lighting control solution. Technology by Silvair.
High Performance		Up to 220W, replacing up to 1,000W MH
Standard Extended Warranty		Up to 7-Year, 75,000 Hrs

Key Specifications

- **Dimming:** 0-10V
- **Efficacy:** <150lm/W
- **Input Voltage:** 120-277V
- **IP:** IP40 Indoor Damp Location
- **Power Factor (PF):** >0.9 Non-Flicker
- **Total Harmonic Distortion (THD):** <15%
- **Dimming Status:** Continuous Dimming <10%
- **Color Rendering Index (CRI):** >80
- **Housing:** Stamped Metal

Certifications



Model Specifications

Model	WATTselect (W)	Lumen (lm)	Efficacy (lm/W)	CCTselect (K)	Voltage (V)	CRI
LRHB3W-S4-UA30R	80W	11,840lm	148lm/W	3000K 3500K 4000K 5000K	120-277V	>80
	110W	16,500lm	150lm/W			
	150W	21,750lm	145lm/W			
LRHB3W-S4-UA35R	165W	24,255lm	147lm/W			
	190W	28,500lm	150lm/W			
	220W	31,900lm	145lm/W			

Housing

Metal stamped construction for superior thermal performance and structural integrity

High Density LEDs

Long lasting bright and high CRI LEDs with optimal light distribution

Optional Polycarbonate Reflector

Durable polycarbonate for additional protection.

Hook Mount

For convenient hook mount installation

Watt & CCT Select Dip-Switches

Choose between 3 wattage selections and 4 color temperatures

Optional Motion Sensor

Maximize efficiency, security, and energy savings.

Ordering Guide

Model Series	Watt (W)	CCT (K)	Voltage (V)	Manufacturer Code
LRHB Round LED High-Bay	3W 150W Max 3W 220W Max	-S4 4-CCTselect: 3000K 3500K 4000K 5000K	-U 120-277V	A30R 300mm Diameter A35R 350mm Diameter

Optional Accessories

(1) Finish	(2) Sensors	(3) Polycarbonate Reflector
blank Black /W White	/NLC MSM-HTO/09/NLC /BLS MSP-HTO/07/BLS	/PR30 LRHB-I2/PR30 /PR35 LRHB-I2/PR35

Choose your model specifications:

LRHB	3W	-S4	-U	A30R	/W	/NLC	/PR30
Model Series	Watt	CCT	Voltage	Manufacturer Code	Finish	(1) Sensor	(2) Polycarbonate Reflector

Ordering number example:

LRHB3W-S4-UA30R/W/NLC/PR30

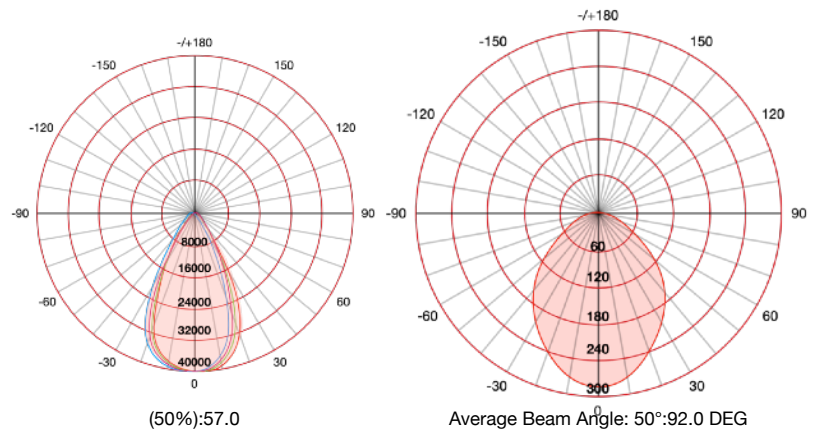
Please place dashes (-) and forward slashes (/) for optional accessories in the correct order.

Mounting



Steel Ring Hook Pendant Mounting

Photometric



blueARCH™ Controls 



SIG-qualified Bluetooth Mesh lighting control solution. Technology by SILVAIR.

Sizing & Measurements

Model Series	Diameter (in)	Width (in)	Measurements
LRHB3W-S4-UA30R	12.13	2.64	
LRHB3W-S4-UA35R	14.09	2.64	

DLC Model Guide

Product ID	Model No.	DLC	Controls	Lumen	Efficacy	CCT	THD	PF
S-P2IWDB	LRHB3W-S4-UA30R	Premium	No	19,566LM	132.45 lm/W	3000K — 5000K	15%	0.9
S-1K5DTU	LRHB3W-S4-UA35R	Premium	No	26,807LM	131.59 lm/W	3000K — 5000K	15%	0.9

Compatible Accessories

Category	Model No.		Sub-Assembly & Compatible Controllers
EM Driver	 EM30-UMB/170		≤150W Max
EM Driver	 EM60-UMB/170		≤220W Max
Optics / Polycarbonate Reflector	 LRHB-I2/PR30 LRHB-I2/PR35		
Sensor / NLC Compliant			blueARCH™ Controls Technology by SILVAIR
Sensor / Bi-Level Sensor			