

lampar **ARCH**

# LRHB | Icarus-II

Product Data Sheet



COMMERCIAL-GRADE

Round LED High-Bay | ECO-tier



## Product Overview

The lampar<sup>ARCH</sup> 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 Silvar.
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
<b>LRHB</b> 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

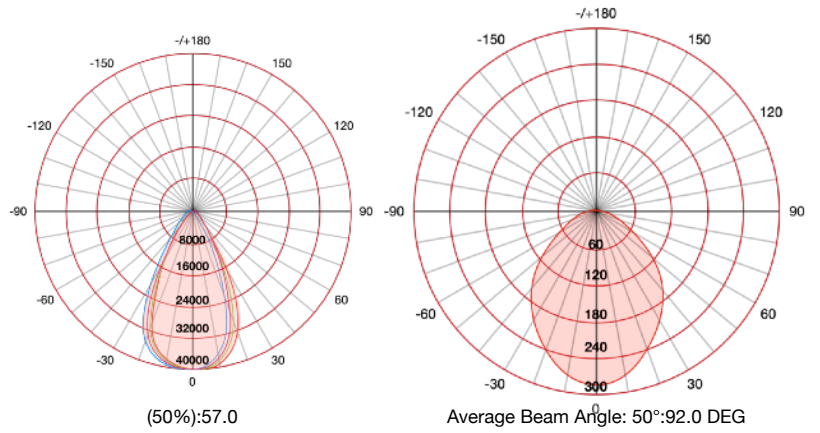
Please place dashes (-) and forward slashes (/) for optional accessories in the correct order.

## 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			MSM-HTO/07/BLS      MSP-HTO/07/BLS