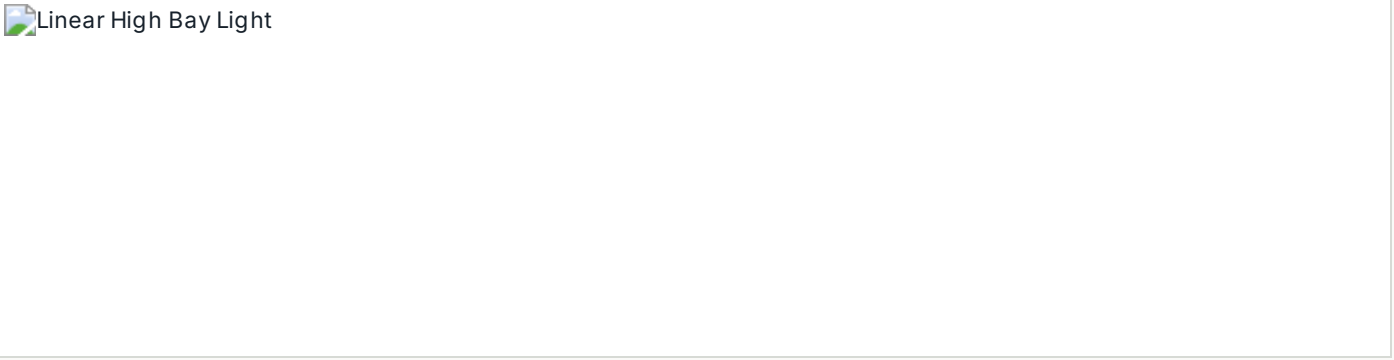
EcoLite™
Leader in LED Lighting

ARIES CONSTELLATION LINEAR HIGH BAY
SPECIFICATION SHEET
ECO-J-LHB09

Aries Constellation Linear High Bay LED Light III

ECO-J-LHB09
120–277 V



KEY SPECS

POWER	COLOR	EFFICACY	OPTICS
110–300W	2CCT	150lm/W	90°
Field-selectable output	4000 / 5000 K	System efficacy	Beam angle

Aries Constellation Linear High Bay delivers up to 42,000 lumens at 150 lm/W from a rugged die-cast aluminum housing engineered for industrial environments. Field-selectable wattage and dual-CCT switching (4000K/5000K) provide installation flexibility, while the universal 120–277 V input and 0–10V dimming driver simplify integration. Steel wire rope mount ships standard, with surface and conduit pendant mounting available. Optional microwave sensor and emergency battery support. UL and DLC listed for damp locations, backed by EcoLite's 10-year non-prorated warranty.

- Factory & warehouse lighting
- Distribution centers
- Manufacturing facilities
- Gymnasiums & sports halls

FEATURES

01 Die-cast aluminum housing for industrial-grade durability
02 Field-selectable wattage with three output levels
03 Dual CCT selectable: 4000K / 5000K
04 Efficacy up to 150 lm/W
05 Universal 120–277 V input with 0–10V dimming
06 Optional microwave sensor and emergency battery

UL · DLC LISTED · 10 Year Non-Prorated Warranty

POWER SELECT
MULTI-WATTAGE

COLOR SELECT
FIELD SELECTABLE

150+ LM/W
HIGH EFFICACY

01 ORDER INFORMATION

SKU / MODEL	WATTAGE	CCT	VOLTAGE
ECO-J-LHB09-220W	110/165/220 W	4000/5000 K	120-277 V
ECO-J-LHB09-165W	130/150/165 W	4000/5000 K	120-277 V
ECO-J-LHB09-300WBML1A2	255/275/300 W	4000/5000 K	120-277 V

02 ELECTRICAL CHARACTERISTICS

SPECIFICATION	110/165/220 W	130/150/165 W	255/275/300 W
Wattage	110 / 165 / 220 W, 130 / 150 / 165 W, 255 / 275 / 300 W		
Lumen Output	23,100 lm, 30,800 lm, 42,000 lm		
Efficacy (lm/W)	150 lm/W		
Color Temperature (CCT)	4000K / 5000K		
Input Voltage	120-277 VAC		
CRI	>80		
Beam Angle	90°		
LED Driver	Lifud brand, 0-10V dimmable		
LED Source	Lumileds 2835		
Operating Temperature	-30 to +50°C		
Lifetime	50,000 hr		

03 ACCESSORIES & MOUNTING



PIR SENSOR

ECO-J-ANT-1P-5T



PIR SENSOR

ECO-J-ANT-1P-5T-J-PT01S-PIR



BLUETOOTH PIR SENSOR

ECO-J-ANT-1P-5T-BLE-GE



MOTION SENSOR

ECO-J-ANT-5-4H(J-LHB09-MS)



PIR SENSOR

ECO-J-ANT-6-4T-PIR-SENSOR



BLUETOOTH PIR SENSOR

ECO-J-ANT-6-4T-BLE-GE-J-HB01S-GEBC



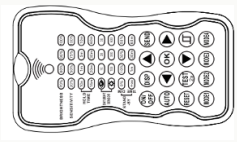
MICROWAVE SENSOR

ECO-J-HB01DMS-A



REMOTE CONTROLLER

ECO-J-HB03R



REMOTE CONTROLLER

ECO-J-PT01-RC



REMOTE CONTROLLER

ECO-J-RC-100-J-PT01-RC



MOTION SENSOR

ECO-J-US002-02VR-2

04 DIMENSIONS

MODEL	LENGTH	WIDTH	HEIGHT
ECO-LHB09-165W	23.98" / 609 mm	11.8" / 300 mm	1.58" / 40 mm
ECO-LHB09-220W	23.98" / 609 mm	14.16" / 360 mm	1.58" / 40 mm
ECO-LHB09-300W	23.98" / 609 mm	14.16" / 360 mm	1.58" / 40 mm

Rectangular footprint · Dimensions ±0.2" · inches [mm]

05 SAFETY WARNING

⚠ READ BEFORE INSTALLATION

1. Installation must be performed by a qualified, licensed electrician in accordance with all applicable national and local electrical codes.