AUROION

AL-7-3

Catalog Number	
Notes	
Type	



DIMMING CONTROLS · SELECTABLE WATTAGE & CCT · 100,000 HOURS LIFE SPAN · EMERGENCY BACKUP AVAILABLE · 120–277V · 5 YEARS WARRANTY · DAMP LOCATION

UL CERTIFIED · DLC LISTED

INDUSTRIAL SERIES

POWERBEAM

ADJUSTABLE LINEAR HIGHBAY FIXTURE

TOP FEATURES

- **Smart Sensor-Ready**
- Universal 120–277 Voltage with 6kV Protection
- UL Listed
- DLC 6.0 Premium Listed
- 5-Wattage, Selectable (see Performance for details)
- 21,600-50,400 Lumens
- 6 CCT Field Adjustable, 3000K / 3500K / 4000K / 5000K / 5700K / 6500K
- Lumen Maintenance L70 100,000-Hour Lifespan
- Up to 168 lm/W High Efficacy Performance
- 0-10V Flicker-free Continuous Dimming
- CRI≥80
- PMMA Non-Yellowing Frosted Lens

SPECIFICATIONS

Electrical:
- Input voltage: Universal 120–277V, 50 - 60Hz rating
- Driver includes dimming control wiring for 0-10V dimming systems. The dim-to-off voltage threshold of optional 12V AUX integrated driver ranges from 0.1V to 0.5V

Construction:
- Stamped steel sheet and extruded aluminum
- Highly durable white finish
- Frosted polystyrene lens

Certifications & Regulatory:
- UL Listed, Damp Location
- DLC 6.0 P

Warranty:
- 5 year labor warranty (see complete warranty terms for details)

Testing:
- IESNA LM-79 & IESNA LM-80 tested by 3rd-party laboratory

Performance:
- Suitable for damp locations
- Suitable for installation in insulated ceilings (IC Rated) when input power < 50W
- 6CCT Field Adjustable: 3000K, 3500K, 4000K, 5000K, 5700K, 6500K
- Accurate colors: CRI≥80
- Flicker-free 0-10V dimming capability, down to 10%
- Operating temp range: -40°F to 122°F (-40°C to 50°C)
- Long-life, high-efficacy, micro-power LEDs
- Lumen maintenance, L70 > 100,000 hours
- Total harmonic distortion: <20%
- Power factor: ≥0.9 for stable

BENEFITS

- **Field-Adjustable Versatility:** 6 selectable color temperatures & 5 wattage settings, delivering a highly adaptable range of up to 50,400 lumens
- **Ultra-High Efficiency:** Maximizes energy savings with an exceptional efficiency of up to 168 lm/W and features a premium frosted polystyrene lens for uniform light distribution
- **Extreme Lifespan & Warranty:** Engineered for long-term commercial reliability with an incredible L70 lifespan of 100,000 hours
- **Advanced Control Integration:** Smart sensor-ready, smooth flicker-free 0-10V continuous dimming for effortless automation and compliance
- **Industrial-Grade Reliability:** Features a universal 120–277V driver with integrated 6kV surge protection, backed by top-tier UL and DLC 6.0 Premium safety and performance certifications

APPLICATIONS

Open-Plan Corporate Offices
Conference Rooms
Boardrooms
Medical Clinics
Dental Clinics
Retail Showrooms
Supermarkets
K-12 Classrooms
Lecture Halls
University Libraries
Study Areas
Hospital Corridors
Nurses' Stations
Government Offices
Municipal Buildings
Electronic Assembly Lines
Cleanrooms
Commercial Kitchens
Food Prep Areas (Dry Zones)
Climate-Controlled Warehouses
Fulfillment Picking Hubs
Commercial Garages
Loading Control Rooms

PERFORMANCE

PART#: AL-7-3	008						009					
WATTAGE	165	200	225	255	300		130	165	200	225	255	
LUMENS:	27720	33600	37800	42840	50400		21600	26400	32000	36000	40800	
CCT:	3000K	3500K	4000K	5000K	5700K	6500K	3000K	3500K	4000K	5000K	5700K	6500K
EFFICACY (lm/W):	168						168					
COLOR ACCURACY (CRI):	80						80					

Performance data is based on test performed at 120v.

POWERBEAM

ADJUSTABLE LINEAR HIGHBAY FIXTURE
(AL-7-3)

Catalog Number	
Notes	
Type	

ORDERING MATRIX

AL - 7-3 - 008 - CCT - EM

AUROION LED ABBREVIATION	MODEL	SIZE & WATTAGE	CCT SELECTABLE	OPTIONAL ADD-ONS

ORDERING INFORMATION: AL-7-3

MODEL	SIZE & WATTAGE	CCT	OPTIONAL ADD-ONS
AL-7-3 = ADJUSTABLE LINEAR HIGHBAY FIXTURE	**008** = 4FT/300/255/225/200/165 **009** = 4FT/255/225/200/165/130	**CCT** = 3000K, 3500K, 4000K, 5000K, 5700K, 6500K	**EM** = BATTERY BACKUP **MS** = MOTION SENSOR

ACCESSORIES

ACCESSORIES (SHIPPED SEPARATELY)

PRODUCT #	PRODUCT DESCRIPTION
AL-7-3-EM	EMERGENCY DRIVER
AL-7-3-MS	MOTION SENSOR



EM Driver



Motion Sensor

POWERBEAM

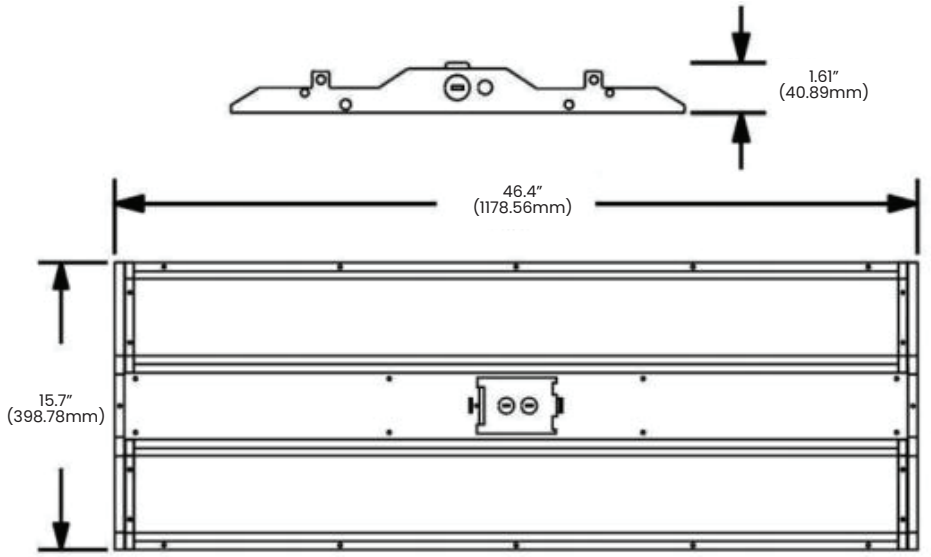
ADJUSTABLE LINEAR HIGHBAY FIXTURE
(AL-7-3)

Catalog Number
Notes
Type

DIMENSIONS

LENGTH

Size unit: inch (mm)



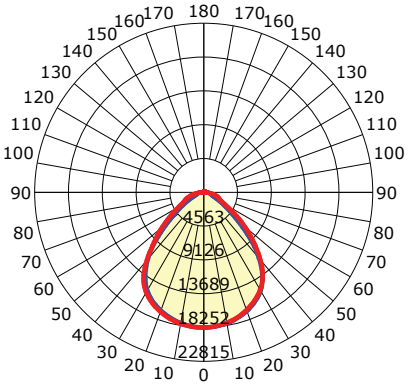
POWERBEAM

ADJUSTABLE LINEAR HIGHBAY FIXTURE
(AL-7-3)

Catalog Number
Notes
Type

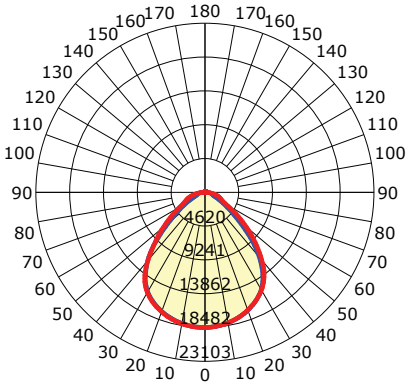
PHOTOMETRICS

Polar Light Distribution Diagram



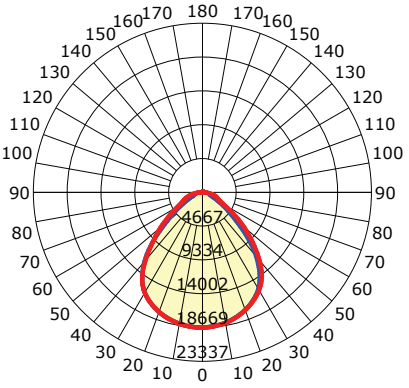
255W @ 3000K

Polar Light Distribution Diagram



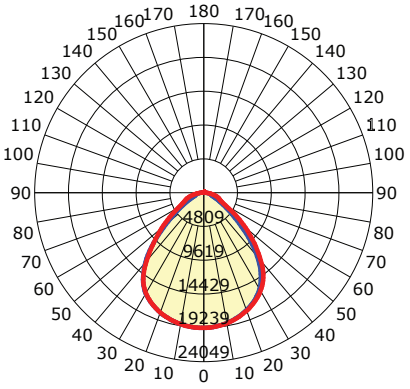
255W @ 4000K

Polar Light Distribution Diagram



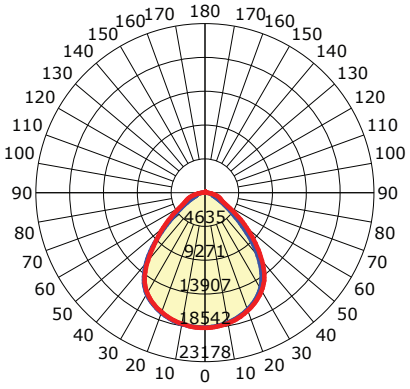
255W @ 5000K

Polar Light Distribution Diagram



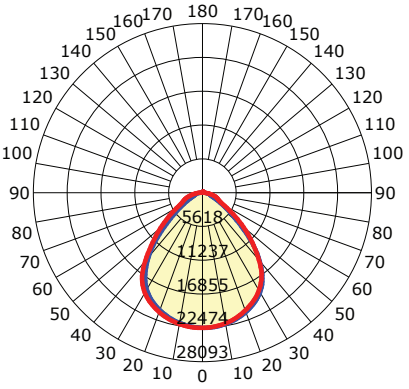
255W @ 5700K

Polar Light Distribution Diagram



255W @ 6500K

Polar Light Distribution Diagram



300W @ 3000K

AUROION LED
261 W. Commercial St. Pomona CA, 91768
626.331.0025
sales@auroionled.com

auroionled.com

Copyright © 2026. All Rights Reserved. All sizes and specifications are subject to change without notice.