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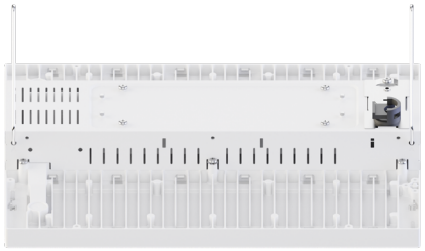
LA1 High Bay: Aisle Lighter

Half the Energy of Standard LED High Bays, Same Floor Light Levels

Date	Project	Part #

PROOF · 6kV · 5 YEARS · READY · 0–10V





c UL us LISTED · DLC LISTED PREMIUM

IP20 IK08

The LA1 represents the next generation of LED high bays, built for warehouse aisles and using up to 50% less energy than standard LED high bays. A standard high bay spreads light in a wide cone and wastes much of it on the top of the racks. The LA1's patented optics direct its light evenly down the rack face and onto the floor, for 2x the FC/W. See Product Info for additional information.

Applications

- Aisle Lighter, High Racks
- Corridors

Features

- 17,226 to 32,604 Lumens
- Option for Fixed or Adjustable Power Levels
- 100-277 VAC or 277-480 VAC
- 80 CRI Standard
- 4000K or 5000K CCT
- Bug Proof (LED and lens assembly are IP65)
- Driver is IP20
- Wireless and non-wireless control options
- Five year warranty[2]

Lumen Maintenance

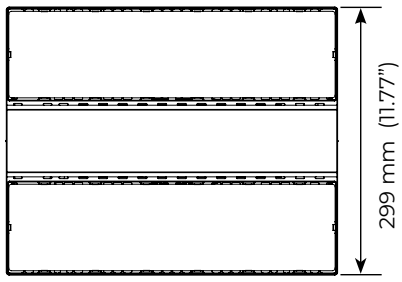
Hours					
0	**30,000**	**45,000**	**60,000**	**100,000**	**>>102,000**
100%	95%	92%	90%	84%	70%

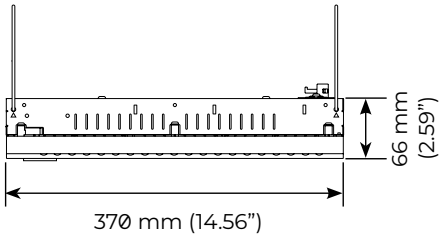
Control Options

- Field installed plug and play PIR Occupancy and Daylight control:
  - GEBC[5] Bluetooth
  - Special order Synapse[6], Silvair[7] or Casambi
- 0-10V wired dimming
- Dims to 10% then to off

Mechanical

- 4.9 lbs / 2.24 kg





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Half the Energy of Standard LED High Bays, Same Floor Light Levels

Date	Project	Part #

Photometry

- UGR < 26 @ 200W (32,604 lumens)

		Lumens @ CCT				
CRI	**Power**	**2700K**	**3000K**	**3500K**	**4000K**	**5000K**
80	**100W**	-	-	-	17,226	17,226
80	**118W**	-	-	-	20,100	20,100
80	**140W**	-	-	-	23,508	23,508
80	**167W**	-	-	-	27,602	27,602
80	**200W**	-	-	-	32,604	32,604

EM Photometry

		Lumens @ CCT				
CRI	**Power**	**2700K**	**3000K**	**3500K**	**4000K**	**5000K**
80	**40W**	-	-	-	7,047	7,047

Selectable Power Levels

Ordering Code	Power Levels				
20A	100W	118W	140W	167W	200W

Electrical

- VS: 100-277 VAC, 50-60Hz
- V4: 277-480 VAC, 50-60Hz
- <1% Flicker
- PF > 0.9, THD < 20%
- Surge: 6 kV (L-N), 10 kV (L-G, N-G)

	Amps @ Line Voltage (VAC)				
	VS				
	100V	**120V**	**220V**	**240V**	**277V**
100W	1.00A	0.83A	0.45A	0.42A	0.36A
118W	1.18A	0.98A	0.54A	0.49A	0.43A
140W	1.40A	1.17A	0.64A	0.58A	0.51A
167W	1.67A	1.39A	0.76A	0.70A	0.60A
200W	2.00A	1.67A	0.91A	0.83A	0.72A

	Amps @ Line Voltage (VAC)	
	V4	
	347V	**480V**
100W	0.29A	0.21A
118W	0.34A	0.25A
140W	0.40A	0.29A
167W	0.48A	0.35A
200W	0.58A	0.42A

1. Unless otherwise specified, all values are typical at 25°C 277VAC ± 10% tolerance
2. See limited warranty for details
3. Specifications subject to change without notice
4. Not intended for use in environments containing airborne corrosive agents such as chemicals, solvents, or cutting fluids
5. Sharkward Bluetooth GEBC (DLC NLC Product ID NSHRKWR20ZP)
6. LLLC of SimplySNAP Smart Lighting Solution (DLC NLC Product ID N63EGU8GE8Z)
7. Silvair (DLC NLC Product ID NSLVR23CNTRL)

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LA1 High Bay: Aisle Lighter

North America

Half the Energy of Standard LED High Bays, Same Floor Light Levels

Date	Project	Part #

Certifications

c UL us LISTED DLC LISTED PREMIUM IP20 IK08

Part # Key

Series		Region		Power		CRI		CCT		Driver	
LA1	Aisle Lighter	**FIX**	North America	**20A**	100-200W (Adjustable)	**8**	80 CRI	**40**	4000K	**VS**	100-277V
				100	100W			**50**	5000K	**V4**	277-480V
				118	118W						
				140	140W						
				167	167W						
				200	200W						

Example Part Numbers

Linear HB Aisle Distribution, 80 CRI, 100-277V, V-Clips Included

Product Code	Part Number	Power	CCT	Lumens	Quickship
00626	LA1-FIX-20A-8-40-VS	100/118/140/167/200W	4000K	17,226 to 32,604	Yes
03727	LA1-FIX-100-8-40-VS	100W		17,226	Yes
03726	LA1-FIX-118-8-40-VS	118W		20,100	Yes
03490	LA1-FIX-140-8-40-VS	140W		23,508	Yes
03836	LA1-FIX-167-8-40-VS	167W		27,602	Yes
03688	LA1-FIX-200-8-40-VS	200W		32,604	Yes
03645	LA1-FIX-20A-8-50-VS	100/118/140/167/200W	5000K	17,226 to 32,604	Yes
03797	LA1-FIX-100-8-50-VS	100W		17,226	Yes
03798	LA1-FIX-118-8-50-VS	118W		20,100	Yes
03799	LA1-FIX-140-8-50-VS	140W		23,508	Yes
03835	LA1-FIX-167-8-50-VS	167W		27,602	Yes
03706	LA1-FIX-200-8-50-VS	200W		32,604	Yes

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Date	Project	Part #

Options and Accessories (Field Install)

	Product Code	Description	Part Number
Power Cable	03324	Power Cable - 10ft (3.05m) SJTOW, Black, Bare-Wire	CAB-SJTOW-0305-BK-WIRE-WIRE
	03425	Power Cable - 20ft (6.10m) SJTOW, Black, Bare-Wire	CAB-SJTOW-0610-BK-WIRE-WIRE
Mounting	03196	Aircraft Cables (2) with Gripple - 10ft (3.05m)	MNT-A030-ACC-000
	14086	Aircraft Cables (2) with Gripple - 15ft (4.57m)	MNT-A046-ACC-000
EM Battery	03189	Field Installed Emergency Backup Battery 40W Kit	EMB-Lxx-040-WH1

Controls (Field Install)

	Product Code	Description	Part Number
Bluetooth NLC (Wireless*)	14215	Control Module, 3-pin Field Installed Plug and Play, PIR Sensor, Occupancy and Daylight, GEBC[5] Bluetooth NLC, 40ft Height, Symmetrical Coverage	CTL-3BL
On/Off/Dim (Non-Wireless)	14078	Control Module, 3-pin Field Installed Plug and Play, PIR Sensor, Occupancy and Daylight, On/Off/Dim, 40ft Height, Symmetrical Coverage	CTL-3OC
	14079	On/Off/Dim Remote Programmer - V2	RC-100

*Synapse[6], Silvair[7], Casambi wireless NLC available as special order