

Albeo™ LED Luminaire

Heavy Industrial Low Bay Lighting
(ALR1 - Series)



Project name _____

Date _____

Type _____

Product Description:

The Albeo™ ALR1-series LED luminaire is an energy-efficient, low maintenance alternative to traditional fluorescent in a variety of commercial, low bay lighting applications. The ALR1 expands the linear product offering to include IP65 rated fixtures for demanding industrial environments.

Applications:

- Designed to meet recommended luminance and illuminance requirements for low bay and task level applications in commercial, industrial, warehouse, office, education, health, retail and data center settings.
- Certified for IP 65.
- Recommended for low bay lighting applications at 20 feet or lower.

Housing:

- Fiberglass housing with diffuser.

LED & Optical Assembly:

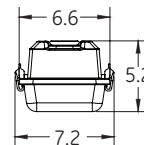
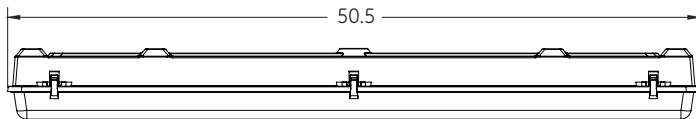
- Precision lens system provides optimized illumination for open floor plan.
- Utilizes high brightness LEDs, 70 CRI at 4000K & 5000K typical.
- LM-79, LM-80 tests and reports are performed in accordance to IESNA standards.
- Directional LEDs put light where it is needed without reflectors to greatly increase efficiency.

Ratings:

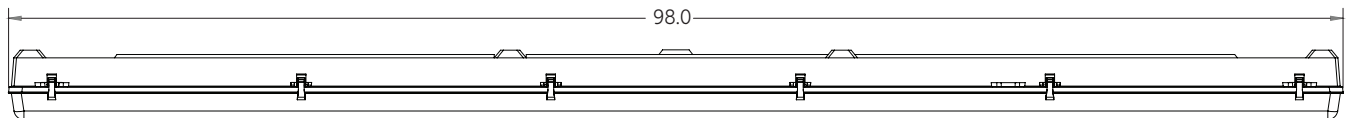
- DLC qualified. Please refer to: <http://www.designlights.org/QPL> for complete information.
- /UL UL 1598 Suitable for Wet Locations.
- /UL UL 8750 LED equipment in Lighting Products.
- Temperature Rated at -30°C up to 45°C (-22°F up to 113°F)
- Projected L70 (10k) ≥ 100,000 Life Hours per IES TM-21.
- RoHS

Product Dimensions:

4 Ft.



8 Ft.



Mounting:

- Surface Mount
- Chain

Finish:

- White

Controls:

- IP 66 rated motion sensors

Electrical:

- 120-277 volt and 347-480 volt available.
- System power factor is >90%* and THD <20%*.
- Internal Surge Protection
- EMI: Title 47 CFR 15 Class A

* System power factor and THD is tested and specified at 120V input and maximum load conditions.

Warranty:

- 5-year limited system warranty standard



imagination at work

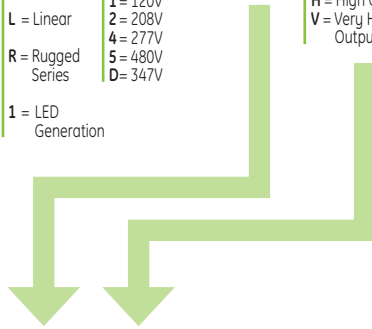
Ordering Number Logic

Heavy Industrial Low Bay Lighting (ALR1)



ALR1 - 1 - 1 - S - - - ST - N - W

PRODUCT ID	VOLTAGE	MODULE	DRIVE CURRENT	LED COLOR TEMP	OPTICS BEAM	FIXTURE LENGTH	FIXTURE TYPE	MOTION/DAYLIGHT SENSOR	CONTROL WIRING	MOUNTING	CORD	PLUG	FINISH
A = Albeo L = Linear R = Rugged Series 1 = LED Generation	0 = 120V-277V 1 = 120V 2 = 208V 4 = 277V 5 = 480V D = 347V	1 = 1 module	T = Standard H = High Output V = Very High Output	70 Plus CRI 47 = 4000K 57 = 5000K	1 = 120°	4 = 4 ft 8 = 8 ft	S = Stand Alone	N = None V = Motion, 360° W = Motion, Aisle* X = Daylight * Field-installed sticker included. Note: All sensors are IP66 rated. 0-10V dimming sensors are not compatible with 480V option.	N = None V = 0-10V Dimming* *Note: 2-conductor cord for dimming is factory installed. See images below.	ST = Standard, Chain & Surface Mount ready. See Mounting & Accessories	K = Knock out access plug A = 6 ft. 18-3 cord B = 12 ft. 18-3 cord	N = None	W = White



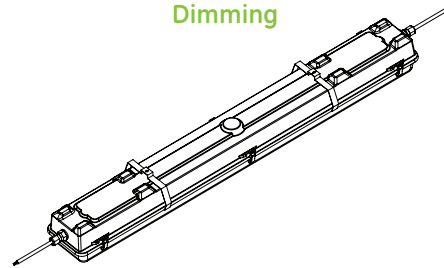
70 CRI

MODULE #	DRIVE CURRENT	FIXTURE LENGTH	TYPICAL INITIAL LUMENS 70 CRI			TYPICAL SYSTEM WATTS			LPW 4000K & 5000K			MAXIMUM AMBIENT TEMPERATURE
			4000K & 5000K			120-277V	347V	480V	120-277V	347V	480V	
1	T	4	3350			23	27	30	146	124	112	45° C
1	H	4	5350			38	41	45	141	130	119	45° C
1	V	4	7350			55	58	59	134	127	125	45° C
1	T	8	6300			41	45	48	154	140	131	45° C
1	H	8	10700			75	79	81	143	135	132	40° C
1	V	8	14800			111	117	117	133	126	126	35° C

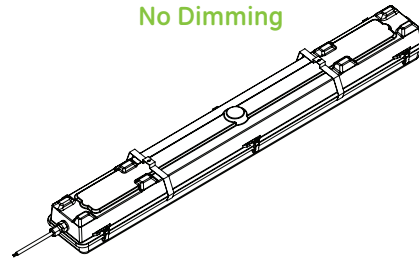
OPTICS BEAM	% OUTPUT
120° CLEAR	100%

MODULE CONFIGURATION	MAX WEIGHT
4 Ft. 120-277V	8 lbs. max
4 Ft. 347/480V	11 lbs. max
8 Ft. 120-277V	16 lbs. max
8 Ft. 347/480V	19 lbs. max

Dimming



No Dimming



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