



## ALR2 Series

### Linear Industrial Lighting

The **Albeo® ALR2** series LED luminaire is an efficient alternative to traditional fluorescent applications in a variety of commercial and industrial lighting applications. The ALR2 expands the linear product offering to include IP65, IP66 and IP67 rated fixtures for demanding industrial environments. The new ALR2 features 316 L grade stainless steel latches. ALR2 LED fixture can be matched with motion, daylight and wireless controls for increased energy savings. Designed to meet recommended luminance and illuminance requirements for low bay and task level lighting as well as parking garage, stairwell & general lighting applications.

### Construction

<b>Housing:</b>	Fiberglass & steel
<b>Lens:</b>	Acrylic diffused (No glass in housing or lenses)
<b>Paint:</b>	Powder coat painted
<b>Weight:</b>	Up to 19lb (8.62kg)

### Optical System

<b>Lumens:</b>	2000–20000
<b>Distribution:</b>	120° diffused lens & 160° clear lens
<b>Wattage:</b>	100–240W
<b>Efficacy:</b>	Up to 160 LPW
<b>CCT:</b>	3000K, 3500K, 4000K, 5000K
<b>CRI:</b>	80 & 90

### Electrical

<b>Input Voltage:</b>	120–277 V, 347 V, & 480 V
<b>Input Frequency:</b>	50/60Hz
<b>Power Factor (PF)*:</b>	>90%*
<b>Total Harmonic Distortion (THD)*:</b>	<20%*
<b>EMI:</b>	FCC CFR Title 47 Part 15, Class A
<b>Surge Protection:</b>	3kV driver surge protection
<b>LED Driver Type:</b>	Class 2
<b>Output Frequency/ Flicker Rate:</b>	NEMA 77

\* PF and THD may vary with options

### Controls

<b>Sensors:</b>	High-end trim, occupancy and ambient light detection with dimming available. Wireless Daintree® options available
<b>Listing</b>	DLC 5.1 LLC: Integrated/embedded networked lighting controls, luminaire-level lighting control (LLLC)

### Ambient Temperature

TYPE	TEMPERATURE RATE
<b>OPERATING TEMPERATURE</b>	-30°C to +45°C (-22°F to 122°F)
<b>STORAGE TEMPERATURE</b>	-40°C to +70°C

### Lumen Maintenance

<b>LXX(10K) @ Hours</b>	100,000 HR
<b>L70</b>	

### Mounting

- **Typical Mounting:** Chain/Cable or Surface mount ready.
- **Optional Mounting:**
  - Rod Mounting
  - 45° Degree Wall Mount
  - Cable Mount Kit
- **Cord & Plugs:** Standard = knockout access (no cord, no plug) 6ft. 18–3 - Cord A, 12ft. 18–3 - Cord B

### Design Life & Warranty

- **Location:** UL 1598 Suitable for Wet Locations
- **Safety:** UL/cUL Listed
- **Ratings:** IP65, IP66, IP67, NEMA 4X NSF Splash Zone & Non Food rated fixture optional
- **IK Rating:** IK06
- EMBB option provides 90min of 2000lm at 5000K
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11)
- **Current's Limited 5-year Warranty**



## CUSTOMER NAME

Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

## Ordering Information

ALR2

T

Q W

PRODUCT ID	VOLTAGE <sup>1</sup>	FIXTURE LENGTH & BODY	LUMEN OUTPUT	PERFORMANCE LEVEL	CCT/CRI	OPTICS	FIXTURE TYPE	SENSOR/WIRELESS	CONTROL WIRING	EMERGENCY	MOUNTING	CORD	PLUG	FINISH	OPTIONS
ALR2 = ALR IP67 Linear Series 2 <sup>nd</sup> Gen	0 = 120/277V 1 = 120V 4 = 277V 5 = 480V D = 347V	2T = 2ft. Standard Body	02 = 2,000lm	T = Standard Efficiency	80 Plus CRI 8 = 3000k C8 = 3500k 48 = 4000K 58 = 5000K	1D = 120° Diffused lens WC = Wide Clear 160° Parking Garage Optic	S = Standalone F = NSF Food Rated	Q = None A = Occ Sense On/Off 360° SBOR B = Occ Sense High-Low Dimming 360° SBOR P = Daylight Sense w/ Occupancy On/Off SBOR S = Daylight Sense w/ Occupancy High-Low Dimming SBOR W = Bi-level dimming/ Stairwell setting sensor	Q = None/No External Control Wiring V <sup>4</sup> = 0-10V Control Wires	Q = None E <sup>5</sup> = Battery Backup	ST = Standard 21 = ¾" Threaded Rod Bracket 45 = 45° Wall Mount 51 = Cable/Toggle 5ft. 52 = Cable/Toggle 10ft. 53 = Cable/Toggle 15ft.	K = Knockout A = 6ft. 18ga cord B = 12ft. 18ga cord	Q = None	W = White	Blank = No Special Options 1PK = Single Pack (For distributor stocking. Default is Job (4) Pack not 1 PK)
			03 = 3,000lm												
			04 = 4,000lm												
		4N = 4ft. Narrow Body	03 = 3,000lm												
			04 = 4,000lm												
			05 = 5,000lm												
		4T = 4ft. Standard Body	03 = 3,000lm												
			04 = 4,000lm												
			05 = 5,000lm												
		8T = 8ft. Standard Body	03 = 3,000lm												
			04 = 4,000lm												
			06 = 6,000lm												
08 = 8,000lm															
10 = 10,000lm															
10 = 10,000lm															
8T = 8ft. Standard Body	04 = 4,000lm														
	06 = 6,000lm														
	08 = 8,000lm														
	10 = 10,000lm														
	12 = 12,000lm														
	16 = 16,000lm														
20 = 20,000lm															
									Full Featured <sup>2</sup> : 1 = 20' Motion Sensor FSP221 w/daylight & High-Low Dimming 2 = 40' Motion Sensor FSP221 w/daylight & High-Low Dimming						
									Daintree <sup>®</sup> EZ Connect <sup>1</sup> : DF = Occupancy & Ambient Light Sensor w/ Continuous Dimming	Leave Blank					
									Daintree <sup>®</sup> One: FB = Occupancy & Ambient Light Sensor w/ Continuous Dimming	Leave Blank					
									Daintree <sup>®</sup> Networked: NA = Occupancy & Ambient Light Sensor w/ Continuous Dimming (full feature) TQ <sup>3</sup> = Wireless Daintree <sup>®</sup> Enabled (no sensor)	Leave Blank					

80 CRI @ 5000K CCT						
FIXTURE LENGTH	OUTPUT LEVEL	TYPICAL DELIVERED LUMENS	TYPICAL POWER		TYPICAL LPW 120-277V	MAX AMBIENT TEMP (°C)
			120-277V	347-480V		
2 ft.	2,000	1,900	14	16	136	45°C
	3,000	2,900	21	23	138	
	4,000	3,700	28	30	132	
4 ft.	3,000	3,100	20	22	155	45°C
	4,000	4,100	27	29	152	
	5,000	5,100	34	36	150	
	6,000	6,100	42	44	145	
	8,000	8,100	59	65	137	
8ft.	10,000	10,000	79	88	127	40°C
	4,000	4,100	25	28	164	
	6,000	6,100	38	40	161	
	8,000	8,100	52	57	154	
	10,000	10,100	67	73	151	
	12,000	12,100	82	91	148	
	16,000	16,100	118	129	136	
	20,000	20,000	158	174	127	40°C

CRI	CCT	OUTPUT
80CRI	5000K	100%
	4000K	98%
	3500K	97%
90CRI	3000K	93%
	5000K	89%
	4000K	85%
	3500K	83%
	3000K	81%

OPTIC CODE	OPTIC DESCRIPTION	OUTPUT
1D	120° Diffused Lens	100%
WC	Wide3 Clear 160° Parking Garage Optic	94%

### ORDERING NOTES:

- Specify single voltage if plug, sensor, or wireless needed.
- Requires remote to modify default settings sold separately.
- Sensors are not available in 480V and NSF food rated fixtures. For special requests, contact manufacturer.
- V Option not available with dimming and ZigBee sensors.
- Battery Backup not available with 2T, 4N, AND 347/480V options.

## Mounting and Accessory Options

MOUNTING/ACCESSORY OPTIONS	IMAGE	ORDER LOGIC CODE	DIMENSIONS/NOTES
<p><b>Standard Chain/Cable Mount</b> Available on all fixture configurations. <i>(Chain not included.)</i></p>	<p>Chain and "S" hook</p>	ST = Standard	<p><b>STANDARD SKU:</b> 93118276 <b>NARROW SKU:</b> 93118277 <b>Description:</b> Standard Cable, Chain &amp; Surface Mounting Kit <i>(Includes brackets only.)</i></p>
<p><b>Surface Mount (optional)</b> Available with all fixture configurations. Standard mounting option is surface mount ready.</p>	<p>Ceiling Support rail</p>	ST = Standard	
<p><b>Rod Mount Kit (optional)</b> Available with all fixture configurations. Attaches to 3/8" threaded rod. Pendant mount included. <i>(Rod and nuts not included.)</i></p>	<p>3/8" inch threaded rod <b>Not included</b></p>	21 = 3/8" Threaded Rod Bracket	<p><b>STANDARD SKU:</b> 93118092 <b>NARROW SKU:</b> 93118146 <b>Description:</b> SRod Mounting Kit <i>(Includes brackets only.)</i></p>
<p><b>45° Degree Wall Mount (optional)</b> Available on 2T, 4T &amp; 8T configurations. <i>(Hardware not included.)</i></p>	<p>Wall Support rail</p>	45 = 45° Wall Mount	<p><b>STANDARD SKU:</b> 93118091 <b>Description:</b> 45 Degree Mounting Kit <i>(Includes Brackets only.)</i></p>
<p><b>Cable Mount Kit (optional)</b> Available with all fixture configurations. Cables and attachments included with kit.</p>	<p>Cable attachment bracket</p>	<p>51 = Cable/Toggle 5 ft. 52 = Cable/Toggle 10 ft. 53 = Cable/Toggle 15 ft.</p>	<p><b>STANDARD SKUS:</b> 51 Cable/Toggle: 93118093 52 Cable/Toggle: 93118094 53 Cable/Toggle: 93118095</p> <p><b>NARROW SKUS:</b> 51 Cable/Toggle: 93118147 52 Cable/Toggle: 93118148 53 Cable/Toggle: 93118149</p> <p><b>Description:</b> Cable Mounting Kit <i>(Includes brackets, cables and attachment piece)</i></p>

See "Installation Instructions" for mounting details.

CUSTOMER NAME

Project Name \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Product Dimensions

