ALBEO

CUSTOMER NAME _____

Project Name _____

Date _____ Type _____

Catalog Number _____



ALR2 Series

Linear Industrial Lighting

The **Albeo® ALR2** series LED luminaire is an efficient alternative to traditional fluorescent 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

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

Optical System

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

Electrical

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

*** PF and THD may vary with options**

Controls

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

Ambient Temperature

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

Lumen Maintenance

LXX(10K) @ Hours 100,000 HR
L70

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**

TAA · 5 YEAR WARRANTY · WET RATED · DIMMABLE · IK06 · NEMA 4X Certified · NSF · IP65 IP66 IP67 · RoHS COMPLIANT · UL CERTIFIED · DLC LISTED · DLC LISTED PREMIUM

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Ordering Information

ALR2 ____ – __ __ – **T** – __ __ __ – – __ – **Q** **W** ___

PRODUCT ID	VOLTAGE[1]	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 2nd Gen	**0** = 120/277V **1** = 120V **4** = 277V **5** = 480V **D** = 347V	**2T** = 2ft. Standard Body	**02** = 2,000lm **03** = 3,000lm **04** = 4,000lm	**T** = Standard Efficiency	**80 Plus CRI** **8** = 3000k **C8** = 3500k **48** = 4000K **58** = 5000K **90 Plus CRI** **39** = 3000k **C9** = 3500k **49** = 4000K **59** = 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 **Full Featured[2]:** **1** = 20' Motion Sensor FSP221 w/daylight & High–Low Dimming **2** = 40' Motion Sensor FSP221 w/daylight & High–Low Dimming	**Q** = None/ No External Control Wiring **V[4]** = 0–10V Control Wires	**Q** = None **E[5]** = Battery Backup	**ST** = Standard **21** = ⅜" 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)*
		4N = 4ft. Narrow Body	**03** = 3,000lm **04** = 4,000lm **05** = 5,000lm **06** = 6,000lm **08** = 8,000lm **10** = 10,000lm												
		4T = 4ft. Standard Body	**03** = 3,000lm **04** = 4,000lm **05** = 5,000lm **06** = 6,000lm **08** = 8,000lm **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					**Daintree® EZ Connect[1]:** **DF** = Occupancy & Ambient Light Sensor w/ Continuous Dimming	Leave Blank						
								Daintree® One: **FB** = Occupancy & Ambient Light Sensor w/ Continuous Dimming	Leave Blank						
								Daintree® Networked: **NA** = Occupancy & Ambient Light Sensor w/ Continuous Dimming (full feature) **TQ[3]** = Wireless Daintree® 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	
	10,000	10,000	79	88	127	40°C
8ft.	4,000	4,100	25	28	164	45°C
	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%
	3000K	93%
90CRI	5000K	89%
	4000K	85%
	3500K	83%
	3000K	81%

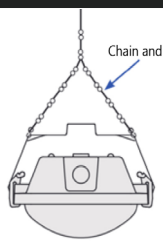
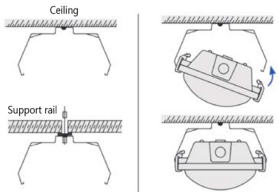
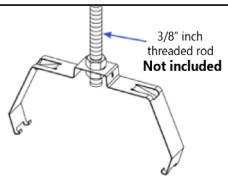
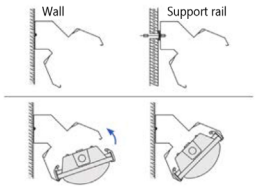
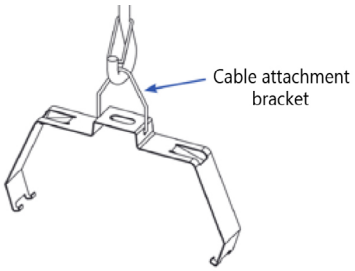
OPTIC CODE	OPTIC DESCRIPTION	OUTPUT
1D	120° Diffused Lens	100%
WC	Wide3 Clear 160° Parking Garage Optic	94%

ORDERING NOTES:

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

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Mounting and Accessory Options

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

See "Installation Instructions" for mounting details.

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ALR2

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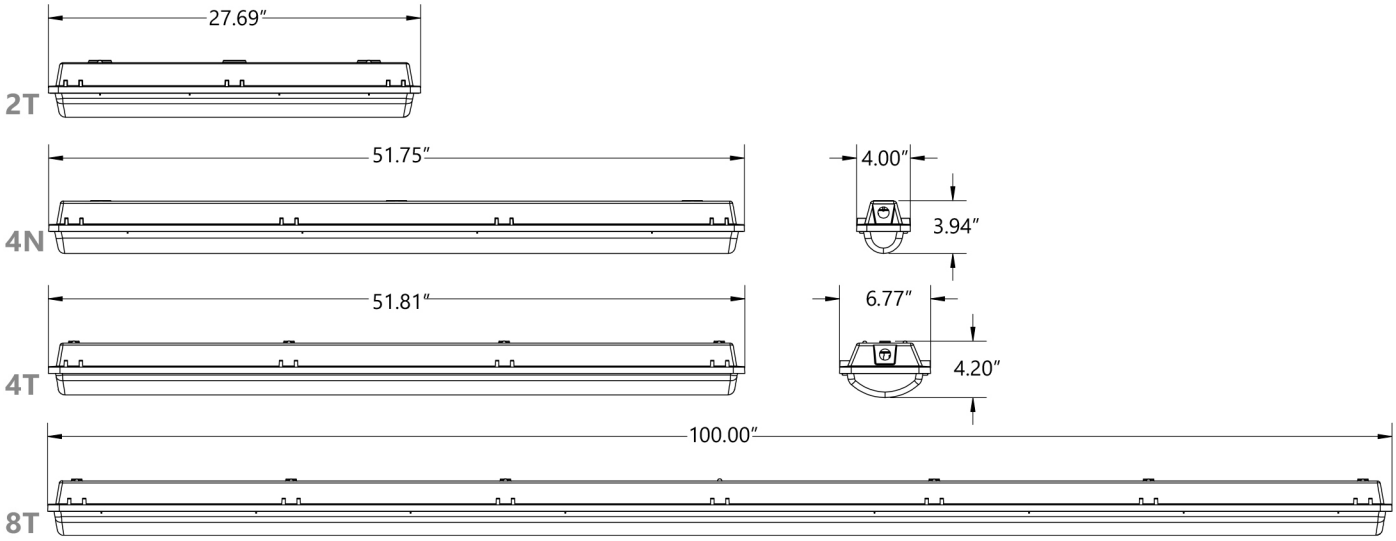
CUSTOMER NAME

Project Name _____

Date _____ Type _____

Catalog Number _____

Product Dimensions



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