



CUSTOMER NAME _____

Project Name _____

Date _____ Type _____

Catalog Number _____

Albeo® ALV3 Series

LED Linear Industrial Low Bay

The **Albeo® ALV series** Gen 3 LED luminaire is an energy-efficient, cost effective linear led “strip” fixture for a variety of commercial/industrial, low bay and stairwell applications. This product can be matched with Daintree® motion, daylight and wireless controls from stand alone operation, zone based control or fully networked solutions for increased energy savings. ALV3 is designed for total cost of ownership over the product lifetime. From tool-less entry, plug-in continuous run links, ALV3 installs quickly and easily with no surprises.

CONSTRUCTION

Housing:	Steel body
Lens:	Polycarbonate diffused, acrylic diffused
Paint:	High reflectance baked enamel. Five stage phosphate bonding process pre-treatment
Weight:	4 ft. - 11lbs max; 8 ft. - 19lbs max

PERFORMANCE

Lumens	1500-16000
Distribution	120° Wide lens & 60° Narrow Lens
Efficacy:	Up to 168 LPW
CCT:	3000K, 3500K, 4000K, 5000K
CRI:	80 or 90 CRI

ELECTRICAL

Input Voltage:	120-277V, 347V
Input Frequency:	50/60 Hz
Power Factor (PF)*:	>95%*
Total Harmonic Distortion (THD)*:	<10*
EMI:	FCC CFR Title 47 Part 15, Class A
LED Driver Type:	Class 2, 2.5kV surge protection

* PF and THD may vary with options

CONTROLS

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

LUMINAIRE AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	-30°C to +40°C (-22°F to 104° F) ; With EM: 0°C min, 25°C max. (32F min, 77F max)
STORAGE TEMPERATURE	-40°C to +70°C (-40°F to 158° F)

LUMEN MAINTENANCE

LXX(10K) @ Hours	60,000 HR
L80	
TM-21 Calculation at 25°C: L80 @ 60,000 hrs	

ADDITIONAL FEATURES

- **Typical Mounting:** Standard Chain/Cable or Surface mount ready
- **Standard:** knockout access (no cord, no plug)
 - 6 ft. 18-3 – Cord A
 - 12 ft. 18-3 – Cord B
 - 15A, 20A, Straight or twist lock plug – Plug A, B, C, or D

DESIGN LIFE & WARRANTY

- **Reliability Testing:** Components and/or systems evaluation at extreme conditions and monitored during production.
- Please refer to the DLC QPL website for the latest and most complete information: <http://www.designlights.org/QPL>
- UL 1598 Suitable for Damp Locations
- **Current's Limited 5-year Warranty:** See Product Warranties section at led.com/resources

CUSTOMER NAME

Project Name _____

Date _____ Type _____

Catalog Number _____

ORDERING INFORMATION:

ALV3

T

ST

W

PRODUCT ID	VOLTAGE	FIXTURE LENGTH	LUMEN OUTPUT	PERFORMANCE LEVEL	LED COLOR TEMP	OPTICS BEAM	FIXTURE TYPE	CONTROLS	EMERGENCY	MOUNTING	CORD	PLUG	FINISH	OPTIONS
ALV3 = Albeo Linear ALV Series 3 rd Gen	0 = 120-277 1 = 120 4 = 277 D = 347	2T = 2 ft	01 = 1,500	T = Standard Efficiency	80 Plus CRI 38 = 3000K C8 = 3500K 48 = 4000K 58 = 5000K	CN = Curved Frosted Acrylic Narrow CW = Curved Frosted Acrylic Wide PW = Curved Frosted Polycarbonate Wide NL = No Lens	SA = Stand Alone CE = Continuous End CM ¹⁰ = Continuous Middle Note = For Continuous Runs, 1 Curve Continuous Row Kit is needed for every joint	QQ = No Sensor/Non Dimming QV = No Sensor / 0-10V Dimming Wires QD = No Sensor/0-10V Dimming Wires 1% QA ^{4,8} = Occ Sensor On/Off Dimming 360°LSXR QB ^{4,8} = Occ Sensor High-Low Dimming 360°LSXR QP ^{4,8} = Daylight Sense W/Occ On/Off LSXR QS ^{4,8} = Daylight Sensor W/Occ High-Low Dimming 360°LSXR QW ^{4,8} = Bi-Level Dimming/Stairwell Setting Sensor	Q = None E ^{1,2} = 10W Battery Backup 2 ^{1,2} = 2-Hour Run Time 10W Battery Backup Note = Battery Backup not available on 2ft versions or any length at 347/480V	ST = Standard	K = Knockout A ^{4,8} = 6ft. 18ga cord B ^{4,8} = 12ft. 18ga cord	Q = None A ^{4,8} = 15A Straight Plug B ^{4,8} = 20A Straight Plug C ^{2,4,8,12} = 15A Twistlock Plug D ^{4,8} = 20A Twistlock Plug	W = White	Blank = No Special Options DB ^{2,3,4,8,12} = Dimming Bypass Module GT ^{1,2,4,7,8,12} = Generator Transfer Device FF = Fast Blow Fuse
			02 = 2,500											
			03 = 3,500											
			04 = 4,000											
	4T = 4 ft	05 = 5,000	90 Plus CRI 39 = 3000K C9 = 3500K 49 = 4000K 59 = 5000K	PW = Curved Frosted Polycarbonate Wide NL = No Lens	SA = Stand Alone CE = Continuous End CM ¹⁰ = Continuous Middle Note = For Continuous Runs, 1 Curve Continuous Row Kit is needed for every joint	QQ = No Sensor/Non Dimming QV = No Sensor / 0-10V Dimming Wires QD = No Sensor/0-10V Dimming Wires 1% QA ^{4,8} = Occ Sensor On/Off Dimming 360°LSXR QB ^{4,8} = Occ Sensor High-Low Dimming 360°LSXR QP ^{4,8} = Daylight Sense W/Occ On/Off LSXR QS ^{4,8} = Daylight Sensor W/Occ High-Low Dimming 360°LSXR QW ^{4,8} = Bi-Level Dimming/Stairwell Setting Sensor	Q = None E ^{1,2} = 10W Battery Backup 2 ^{1,2} = 2-Hour Run Time 10W Battery Backup Note = Battery Backup not available on 2ft versions or any length at 347/480V	ST = Standard	K = Knockout A ^{4,8} = 6ft. 18ga cord B ^{4,8} = 12ft. 18ga cord	Q = None A ^{4,8} = 15A Straight Plug B ^{4,8} = 20A Straight Plug C ^{2,4,8,12} = 15A Twistlock Plug D ^{4,8} = 20A Twistlock Plug	W = White	Blank = No Special Options DB ^{2,3,4,8,12} = Dimming Bypass Module GT ^{1,2,4,7,8,12} = Generator Transfer Device FF = Fast Blow Fuse		
		05 = 5,000												
		06 = 6,000												
		08 = 8,000												
	8T = 8 ft	05 = 5,000	90 Plus CRI 39 = 3000K C9 = 3500K 49 = 4000K 59 = 5000K	PW = Curved Frosted Polycarbonate Wide NL = No Lens	SA = Stand Alone CE = Continuous End CM ¹⁰ = Continuous Middle Note = For Continuous Runs, 1 Curve Continuous Row Kit is needed for every joint	QQ = No Sensor/Non Dimming QV = No Sensor / 0-10V Dimming Wires QD = No Sensor/0-10V Dimming Wires 1% QA ^{4,8} = Occ Sensor On/Off Dimming 360°LSXR QB ^{4,8} = Occ Sensor High-Low Dimming 360°LSXR QP ^{4,8} = Daylight Sense W/Occ On/Off LSXR QS ^{4,8} = Daylight Sensor W/Occ High-Low Dimming 360°LSXR QW ^{4,8} = Bi-Level Dimming/Stairwell Setting Sensor	Q = None E ^{1,2} = 10W Battery Backup 2 ^{1,2} = 2-Hour Run Time 10W Battery Backup Note = Battery Backup not available on 2ft versions or any length at 347/480V	ST = Standard	K = Knockout A ^{4,8} = 6ft. 18ga cord B ^{4,8} = 12ft. 18ga cord	Q = None A ^{4,8} = 15A Straight Plug B ^{4,8} = 20A Straight Plug C ^{2,4,8,12} = 15A Twistlock Plug D ^{4,8} = 20A Twistlock Plug	W = White	Blank = No Special Options DB ^{2,3,4,8,12} = Dimming Bypass Module GT ^{1,2,4,7,8,12} = Generator Transfer Device FF = Fast Blow Fuse		
		06 = 6,000												
		08 = 8,000												
		11 = 11,000												
	13 = 13,000	06 = 6,000	90 Plus CRI 39 = 3000K C9 = 3500K 49 = 4000K 59 = 5000K	PW = Curved Frosted Polycarbonate Wide NL = No Lens	SA = Stand Alone CE = Continuous End CM ¹⁰ = Continuous Middle Note = For Continuous Runs, 1 Curve Continuous Row Kit is needed for every joint	QQ = No Sensor/Non Dimming QV = No Sensor / 0-10V Dimming Wires QD = No Sensor/0-10V Dimming Wires 1% QA ^{4,8} = Occ Sensor On/Off Dimming 360°LSXR QB ^{4,8} = Occ Sensor High-Low Dimming 360°LSXR QP ^{4,8} = Daylight Sense W/Occ On/Off LSXR QS ^{4,8} = Daylight Sensor W/Occ High-Low Dimming 360°LSXR QW ^{4,8} = Bi-Level Dimming/Stairwell Setting Sensor	Q = None E ^{1,2} = 10W Battery Backup 2 ^{1,2} = 2-Hour Run Time 10W Battery Backup Note = Battery Backup not available on 2ft versions or any length at 347/480V	ST = Standard	K = Knockout A ^{4,8} = 6ft. 18ga cord B ^{4,8} = 12ft. 18ga cord	Q = None A ^{4,8} = 15A Straight Plug B ^{4,8} = 20A Straight Plug C ^{2,4,8,12} = 15A Twistlock Plug D ^{4,8} = 20A Twistlock Plug	W = White	Blank = No Special Options DB ^{2,3,4,8,12} = Dimming Bypass Module GT ^{1,2,4,7,8,12} = Generator Transfer Device FF = Fast Blow Fuse		
		08 = 8,000												
		11 = 11,000												
		13 = 13,000												
16 = 16,000	08 = 8,000	90 Plus CRI 39 = 3000K C9 = 3500K 49 = 4000K 59 = 5000K	PW = Curved Frosted Polycarbonate Wide NL = No Lens	SA = Stand Alone CE = Continuous End CM ¹⁰ = Continuous Middle Note = For Continuous Runs, 1 Curve Continuous Row Kit is needed for every joint	QQ = No Sensor/Non Dimming QV = No Sensor / 0-10V Dimming Wires QD = No Sensor/0-10V Dimming Wires 1% QA ^{4,8} = Occ Sensor On/Off Dimming 360°LSXR QB ^{4,8} = Occ Sensor High-Low Dimming 360°LSXR QP ^{4,8} = Daylight Sense W/Occ On/Off LSXR QS ^{4,8} = Daylight Sensor W/Occ High-Low Dimming 360°LSXR QW ^{4,8} = Bi-Level Dimming/Stairwell Setting Sensor	Q = None E ^{1,2} = 10W Battery Backup 2 ^{1,2} = 2-Hour Run Time 10W Battery Backup Note = Battery Backup not available on 2ft versions or any length at 347/480V	ST = Standard	K = Knockout A ^{4,8} = 6ft. 18ga cord B ^{4,8} = 12ft. 18ga cord	Q = None A ^{4,8} = 15A Straight Plug B ^{4,8} = 20A Straight Plug C ^{2,4,8,12} = 15A Twistlock Plug D ^{4,8} = 20A Twistlock Plug	W = White	Blank = No Special Options DB ^{2,3,4,8,12} = Dimming Bypass Module GT ^{1,2,4,7,8,12} = Generator Transfer Device FF = Fast Blow Fuse			
	11 = 11,000													
	13 = 13,000													
	16 = 16,000													

80 CRI @ 4000K CCT				
FIXTURE LENGTH	OUTPUT LUMENS	TYPICAL DELIVERED LUMENS*	TYPICAL POWER	TYPICAL LPW
			120-277V	120-277V
2ft	1500	1587	10.4	153
2ft	2500	2607	16.7	156
2ft	3500	3606	23.6	153
4ft	2500	2690	16.1	167
4ft	3000	3087	19	162
4ft	4000	4111	25.5	162
4ft	5000	5174	32.2	161
4ft	6000	6162	38.6	160
4ft	8000	8188	53.9	152
8ft	5000	5126	30.8	167
8ft	6000	6135	36.6	168
8ft	8000	8182	49.5	165
8ft	11000	11236	69.4	162
8ft	13000	13283	84.2	158
8ft	16000	16325	100.6	162

* Based on Acrylic Curved Lens (CW) and 4000K

CRI	CCT	Adjustment Factor	Lens	Adjustment Factor
80 CRI	5000K	1.00	CW	1.00
	4000K	1.00	CN	0.98
	3500K	0.98	PW	0.91
90 CRI	3000K	0.97	NL	1.08
	5000K	0.85		
	4000K	0.85		
	3500K	0.84		
	3000K	0.79		

ORDERING NOTES:

- Not Available on 2ft length (2T)
- Not Available on 347V
- QA or QP not available with DB
- Single Voltage (1, 4 or D) needs to be specified
- Not Available with Emergency Battery Backup (E or 2)
- Not Available with Plug (A, B, C or D)
- Only Available with Controls (QQ)
- Minimum Ambient Temperature 0C (32F)
- Only available with Stand Alone Fixture Type (SA)
- Only Controls QQ, QV, QD, TQ Available with Continuous Middle Fixture Type (CM)
- Not available with Cord (A or B)

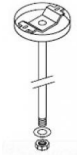

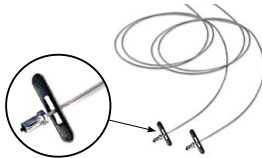





CUSTOMER NAME

Project Name _____

Date _____ Type _____

Catalog Number _____

ACCESSORIES (ORDER SEPARATELY)

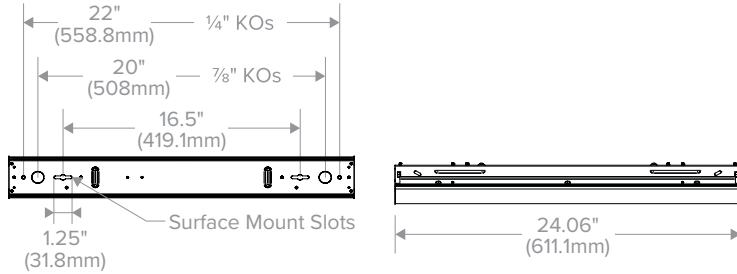
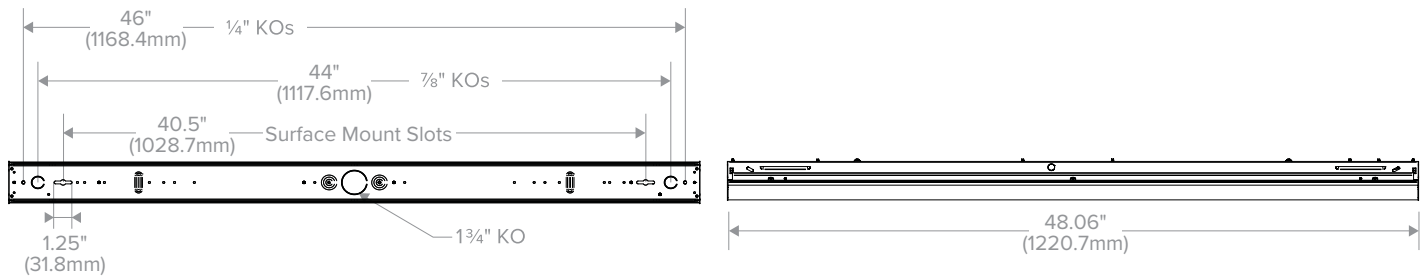
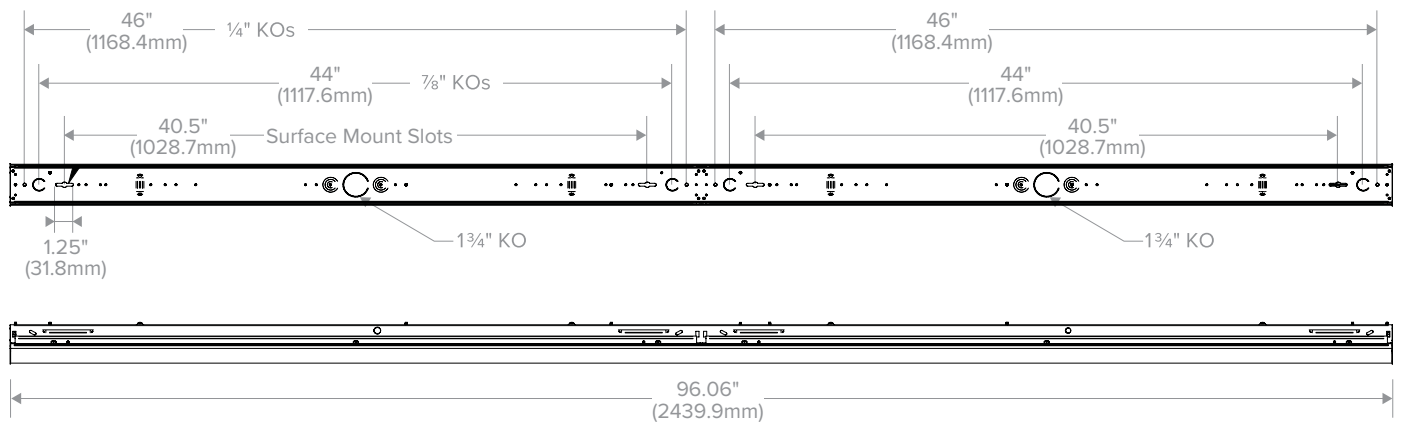
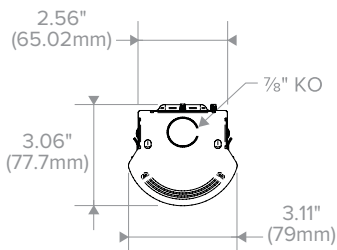
MOUNTING OPTIONS	IMAGE	ORDER LOGIC CODE
Canopy with Stem		93313333 = Canopy with 18" Stem
Canopy with Swivel Stem		93313334 = Canopy with 18" Swivel Stem
Cable with Toggle 5ft., 10ft, 15ft, and 20ft lengths available		93314819 = Cable/Toggle 5ft. - Pair 93314820 = Cable/Toggle 10 ft. - Pair 93314821 = Cable/Toggle 15 ft. - Pair 93314822 = Cable/Toggle 20 ft. - Pair Max Load 200 lbs. Per Pair
Chain Hanger		93313349 = Chain Hanger/Hooks 14" Length
Tong Hanger		93313350 = Slide Tong Hanger
Continuous Row Kit		93313281 =Continuous Row Bracket & Curved Lens Joiner
Wire Guards		93313352 = 2ft Wire Guard 93313354 = 4ft Wire Guard
Curved, Metal End Cap		95053643

CUSTOMER NAME

Project Name _____

Date _____ Type _____

Catalog Number _____

DIMENSIONS
2Ft.

4Ft.

8Ft.

End View


CUSTOMER NAME

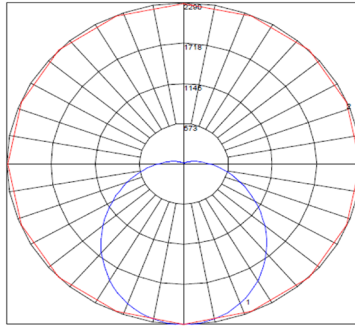
Project Name _____

Date _____ Type _____

Catalog Number _____

PHOTOMETRIC DATA

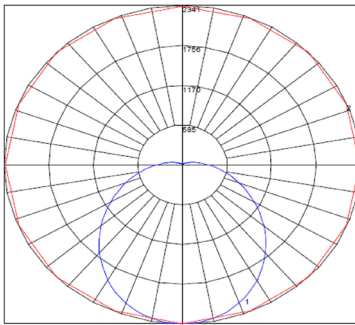
ALV3 4ft with Frosted Acrylic, Narrow Lens
80 CRI
3000K
 7745 LM
 ALV304T08T38CN



Maximum Candela = 2260.421 Located At Horizontal Angle = 45, Vertical Angle = 2.5
 # 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ZONE	LUMENS	% OF FIXTURE
0-30	1765.93	22.8
0-40	2886.44	37.3
0-60	5142.21	66.4
0-90	7167.96	92.5
0-180	7745.13	100

ALV3 4ft with Frosted Acrylic, Wide
80 CRI
3000K
 7915 LM
 ALV304T08T38CW



Maximum Candela = 2340.694 Located At Horizontal Angle = 45, Vertical Angle = 2.5
 # 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

ZONE	LUMENS	% OF FIXTURE
0-30	1804.69	22.8
0-40	2949.79	37.3
0-60	5255.08	66.4
0-90	7325.29	92.5
0-180	7915.13	100

DAINTREE® CONTROLS

• **Daintree® Wireless Controls:**

There is no one size fits all for wireless controls. Some networks want simple solutions that reduce energy consumption and meet code compliance while others are more ambitious, looking to capitalize on the LED and controls savings to fund a scalable, enterprise-grade, internet of things solution. The advantage of the Daintree® Wireless Controls provide the infrastructure to future proof your buildings, easily upgrade to Networked solutions and provide the ability to integrate into IoT solutions that are right for your business.

- **Daintree® One:** Standalone Wireless Controls
- **Daintree® EZ Connect:** Room-Based Wireless Lighting Controls
- **Daintree® Networked:** Networked Lighting Controls for Smart Building & IoT Enablement

Daintree® Wireless Controls are already integrated in your favorite Current LED fixtures. Integrating the controls into the fixture cuts labor costs considerably since the sensors are already embedded in the lighting fixtures. There's no need to get above the ceiling plenum and install additional devices. Visit our website <https://products.gecurrent.com> for a complete list of LED fixtures

- **DLC 5.1 LLLC:** Integrated/embedded networked lighting control, luminaire-level lighting control (LLLC)
 When deployed in an EZ Connect application the sensor is designed for persistent lighting control as stand-alone in case of a wireless network communication failure.