Albeo® ABC Series

LED High Bay Luminaire

CUSTOMER NAME _____

Project Name _____

Date _____ Type _____

Catalog Number _____

The Albeo® ABC LED Series Luminaire is an exceptional mixture of value and performance. Ideal for high bay applications in industrial and commercial buildings. Designed to replace 175W-450W HID and four-to eight-lamp T5/T8 fixtures with unmatched reliability and quality.

CONSTRUCTION

Housing:	Steel
Lens:	Polycarbonate diffused
Reflector:	White highly reflective polycarbonate
Paint:	Powder coat painted housing, no glass in housing or lenses
Weight:	6lbs (2.7kg)

PERFORMANCE

Distribution:	120°, 90° with open optic 120°, 90° with diffused lens
Lumens:	10,000 – 24,000 lumens
Efficacy:	143 - 160 LPW typical
CCT:	4000K, 5000K
CRI:	70 & 80 CRI

ELECTRICAL

Input Voltage:	120-277V, 347V, or 480V
Input Frequency:	50/60 Hz
LED Driver Type:	Designed to exceed 100,000 hrs of operation at worst possible rated conditions
Power Factor (PF)*:	>0.9*
Total Harmonic Distortion (THD)*:	<20%*
Surge Protection:	Tested per ANSI C136.2-2015 6kV surge protection, standard for most SKUs 3kV surge protection, Lumen Output '10' & '12'
EMI:	FCC CFR Title 47 Part 15, Class A

* PF and THD may vary with options

CONTROLS

Dimming:	0-10V, 10% dimming
Controls:	0-10V standard, optional motion & daylight sensor

LUMEN AMBIENT TEMPERATURE

TYPE	TEMPERATURE RATE
OPERATING TEMPERATURE	-30°C to +50°C (-22°F to 122°F) - 18,000lms and below -30°C to +45°C (-22°F to 113°F) for 24,000lms
STORAGE TEMPERATURE	-40°C to +70°C (-40°F to 158°F)

LUMEN MAINTENANCE

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

MOUNTING

- **Typical Mounting:** Standard Rod/ Chain / Cable mount ready. Surface and Pendant mount optional.
- **Standard** = knockout access (no cord, no plug)
  6ft, 12ft, 15ft, 20ft Cord options
  15A, 20A, Straight or twist lock plug

DESIGN LIFE & WARRANTY

- **Reliability Testing**: Fixture components designed to exceed 100,000 hrs of operation at the worst possible rated conditions. Complete system evaluated 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/cUL Listed
- Current's Limited 5-year Warranty:
  Please refer to document **IND599** for more information.

GE current
a Daintree company

Albeo® ABC Series

LED High Bay Luminaire

Catalog Logic and Accessories

CUSTOMER NAME

Project Name _____

Date _____ Type _____

Catalog Number _____

Ordering Information

ABC1 _ _ _

Albeo® ABC Series

LED High Bay Luminaire

Ordering Information

CUSTOMER NAME

Project Name _____

Date _____ Type _____

Catalog Number _____

EMERGENCY BATTERY BACKUP KIT ORDERED SEPARATELY		
SKU#	DESCRIPTION	LUMENS
93059499	ASM2430 50° beam	1750
93059500	ASM2429 120° beam	1650

NOTE: EMBB kit is only compatible with low voltage (120-277V)

NEMA Plug Type				
VOLTAGE	A (15A STRAIGHT)	B (15A TWIST LOCK)	C (20A STRAIGHT)	20D (1A TWIST LOCK)
120	5-15P	L5-15P	5-20P	L5-20P
277	7-15P	L7-15P	7-20P	L7-20P
347	24-15P	N/A	24-20P	L24-20P
480	N/A	N/A	N/A	L8-20P

CRI	LUMENS	CCT	OUTPUT MULTIPLIER
70CRI	10/12K Lumens	5000K	100%
		4000K	100%
70CRI	18/24K Lumens	5000K	100%
		4000K	100%
80CRI	10/12K Lumens	5000K	94%
		4000K	92%
80CRI	18/24K Lumens	5000K	96%
		4000K	94%

OPTIC LENS CODE	OPTIC DESCRIPTION	OUTPUT MULTIPLIER
1Q	120° No Lens	100%
1D	120° Diffused Lens	91%
9Q	90° No Lens	96%
9D	90° Diffused Lens	87%

REPLACEMENT LENSES & OPTICS			
ORDERING SKU	ORDERING CAT # LOGIC	FUTURE CAT# LOGIC	DESCRIPTION
93124932	ABC1_D_KIT	1D or 9D	Diffused Lens Only (2 Lenses)
93137714	KIT0158_ABC1_DIFF_LENS_KIT_50PC	1D or 9D	Diffused Lens Only (Lenses for 25 Fixtures)
93137715	KIT0159_ABC1_DIFF_LENS_KIT_100PC	1D or 9D	Diffused Lens Only (Lenses for 50 Fixtures)
93137716	KIT0160_ABC1_DIFF_LENS_KIT_250PC	1D or 9D	Diffused Lens Only (Lenses for 125 Fixtures)
93134986	KIT0156_MLD_ABC1_COVER_REFL_90DEG_KIT	9D or 9Q	90 Degree Optic (1 Reflector plate/fixture)
93134885	KIT0155_MLD_ABC1_COVER_REFL_KIT	1D or 1Q	120 Degree Optic (1 Reflector plate/fixture)

Albeo® ABC Series

LED High Bay Luminaire

Dimensions

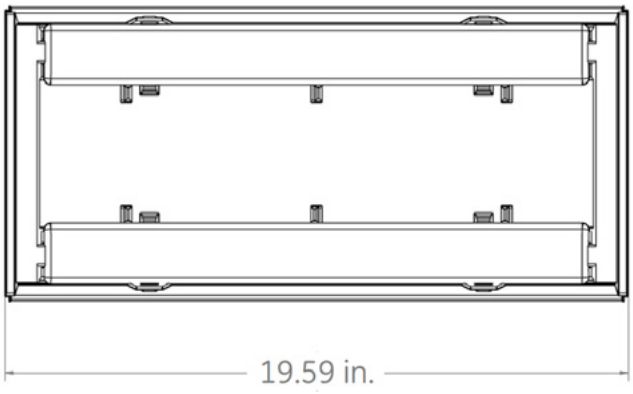
CUSTOMER NAME

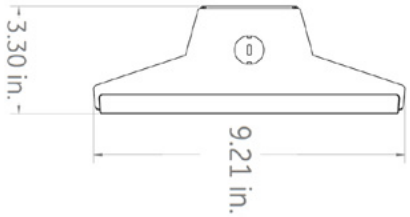
Project Name _____

Date _____ Type _____

Catalog Number _____

ABC SERIES





Weight: 6 lbs

PACKAGING

Standard pack is job pack / bulk pack consisting of up to 72 fixtures in 2, 16 cell dividers stacked on a 44" x 48" pallet. Two Fixtures are placed in each divided cell for quick unload at a job site. Orders of <14 fixtures are typically single pack. Single Pack (i.e. for stocking) – Special Option 1PK. Sensor and corded options can be bulk packed or single packed.

Albeo® ABC Series

LED High Bay Luminaire

Photometric Data

CUSTOMER NAME

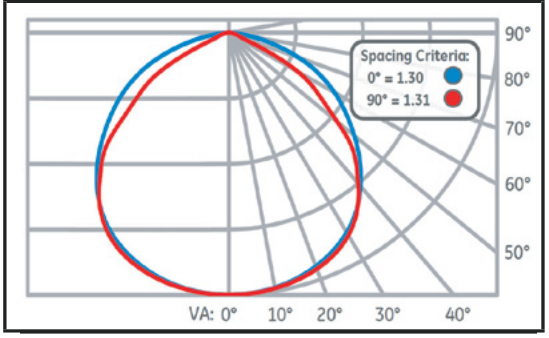
Project Name _____

Date _____ Type _____

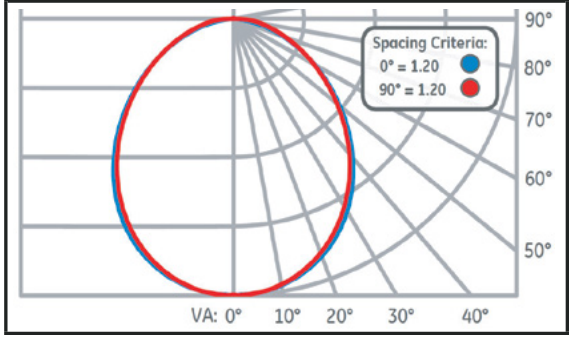
Catalog Number _____

PHOTOMETRIC DATA

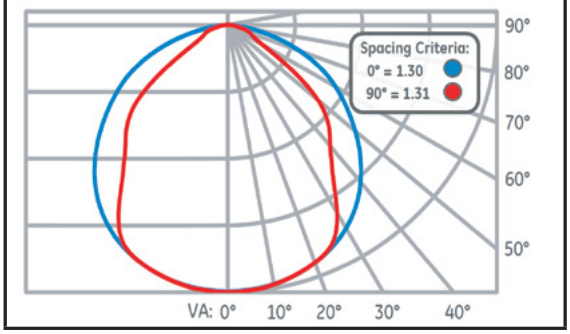
1Q= 120° OPEN



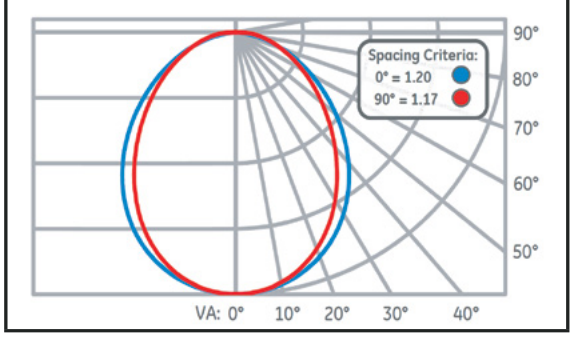
1D= 120° DIFFUSED



9Q= 90° OPEN



9D= 90° DIFFUSED



Albeo® ABC Series

LED High Bay Luminaire

Mounting & Accessories

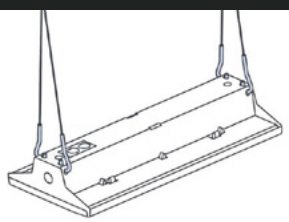
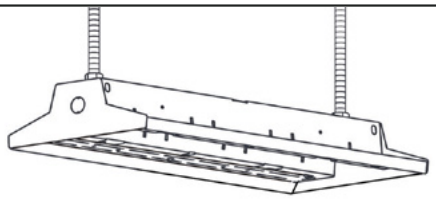
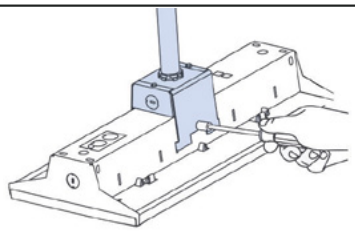
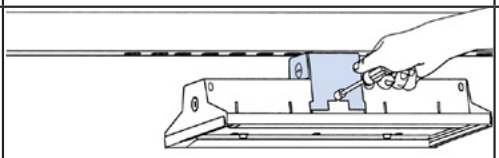
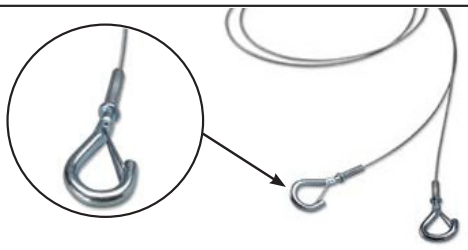
CUSTOMER NAME

Project Name _____

Date _____ Type _____

Catalog Number _____

MOUNTING & ACCESSORIES

MOUNTING OPTIONS	IMAGE	ORDER LOGIC CODE	ORDER LOGIC CODE
Standard Chain/Cable Mount Available on all fixture configurations (chain not included). Y-Cable w/hook can be ordered as an accessory		**ST**=Standard	**Aftermarket:** NA
Rod Mount/Standard Mount Available on all fixture configurations. Attaches to 1/2" threaded rod (rod and nuts not included).			
Pendant Mount (optional) Available on all fixture configurations. Attaches to 3/4" threaded conduit (conduit not included).		**23** = 3/4" Pendant Mount Kit	**SKU:** 93124931 **Description:** 3/4" Surface Mounting Kit
Surface Mount (optional) Available on all fixture configurations. Attaches to structural member in ceiling (Hardware not included).	 **NOTE:** 5" distance between ceiling plane and bottom face of fixture; De-rate 5°C	**SM** = Surface Mount	
Standard Chain/Cable Mount Available on all fixture configurations (chain not included). Y-Cable w/hook can be ordered as an accessory.		**41** = Y-Cable/ Hook 5 ft. **42** = Y-Cable/ Hook 10 ft. **43** = Y-Cable/ Hook 15 ft. **44** = Y-Cable/ Hook 20 ft.	**5ft Y-Cable/ Hook:** 93075756 **10ft Y-Cable/ Hook:** 93075552 **15ft Y-Cable/ Hook:** 93075553 **20ft Y-Cable/ Hook:** 93075554 **25ft Y-Cable/ Hook:** 93075555 **Max Load:** 200 lbs. per pair

For Additional Information or Product Technical Questions:
lightingprodinfo@gecurrent.com

© 2021 Current Lighting Solutions, LLC. All rights reserved. GE and the GE monogram are trademarks of the General Electric Company and are used under license. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions.