Project	Catalog #	Туре	
Prepared by	Notes	Date	





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- · Product Warranty

Top Product Features

- · Constructed of rugged Die cast aluminum housing
- · Available in textured Grey finish
- · Built-in photocell for Dusk to Dawn operation
- 50,000-hour rated life and 1-year warranty
- · Rated for damp and wet locations
- · Zero maintenance fixture and no lamp

HALO OUTDOOR

ALB2A40GY & ALB4A40GY

The ALB series area light luminaire with integral Dusk to Dawn photocell offers the latest in LED lighting technology. This fixtures brightly illuminates a wide area while saving on energy costs. It easily mounts to a wall, post or onto a pole mounting arm (sold separately). The ALB is perfect for illuminating large areas like barns, yards loading have warehouses side roads and yards, loading bays, warehouses, side roads and pathways.

Typical Applications

Retail • Outdoor Area/Site • Residential

Product Certification











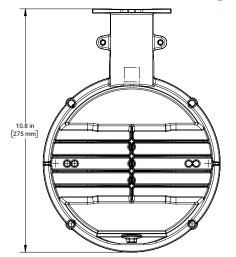
Product Features

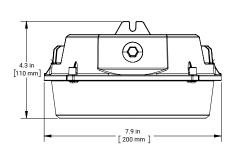


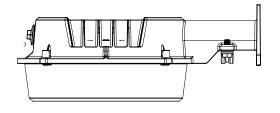




Dimensional and Mounting Details











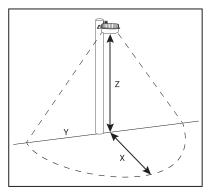
Order Information

SAMPLE ORDER NUMBER: ALB2A40GY / ALB4A40GY

Series	Voltage	Power	Delivered Lumens	Efficacy (Lum/ Watt)	LED Color Temperature (K)	CRI	Photocontrol
Series	Voltage	Power	Delivered Lumens	Efficacy (Lum/Watt)	LED Color Temperature (K)	CRI	
ALB2A40GY	120	19.5	2032	104	4,000	70	Intergrated
ALB4A40GY	120	40.7	4032	99	4,000	70	Intergrated

Family	Lumens	ССТ	Finish
Family	Lumens	ССТ	Finish
AL= Area Light Basic	2A =2,000	40 =4000K	GY =Grey
Basic	4A =4,000		

Suggested Mounting Height



X= Forward Throw

- Y= Wall Spread
- **Z**= Mounting Heights

Forward throw X - 1/2 Y for wall-mount applications only See IES files for detailed photmetry

Minimum Footcar	0.50 FC						
Mounting Height (Z)		10'		15'		20′	
Catalog Number	Lumens	Х	Υ	Х	Υ	Х	Υ
ALB2A40GY	2000	32	32	36	35	38	38
ALB4A40GY	4000	40	40	45	45	52	52



Product Specifications

Construction (Sample)

- Durable die-cast aluminum housing suitable for wet locations
- · Glare free UV stable acrylic lens
- · Available in textured gray finish
- IP66 design to eliminate risk of Water or foreign object damage
- · Suitable for wall or pole mount

Integrated Controls

· Build-in photo controller for dusk-to-dawn operation

Mountine

- Easily mounts to a wooden post, pole or wall using 2" lag screws.
- Can be mounted to a 1-1/4" pipe (1-5/8" Outer Diameter)- pipe not included.
- Recommended mounting height of up to 10 feet for ALB2A and 25 feet for ALB4A

Electrical

- · Maintenance-free LEDs with L70 50,000 hours of life
- · Drop lens reduces glare.
- Fixture operating temperature range from -30°C to 40°C
- · Electrical operating voltage 120V 60Hz
- · cULus listed for wet locations

Compliance

- · IESNA LM-79 and LM-80 standards compliant
- · FCC part 15 class B (residential) compliant
- Can be used for State of California Title 24 high efficacy luminaire

Finish

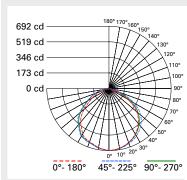
· Textured Grey Finish

Warranty

• 1 year warranty standard.

Photometric Data





Halo Outdoor Barn Light Lite 20W 4000K

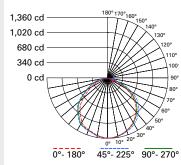
DRB

Linear LED 4000K

Spacing criterion: (0/90/45) 1.32 x mounting height, (\perp) 1.33 x mounting height, (\perp) 1.42 x mounting

Lumens: 2032.0 Input Watts: 19.5W Efficacy: 140.2 LPW

Test Report: ABL2 IES



Halo Outdoor Barn Light Lite 40W 4000K

DRB

Linear LED 4000K

Spacing criterion: (0/90/45) 1.33 x mounting height, (\perp) 1.32 x mounting height, (\perp) 1.42 x mounting

% Fixture

Lumens: 4032.1 Input Watts: 40.7W

Efficacy: 99.1 LPW
Test Report: ALB4 IES

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.6	3.2
10°-20°	182.9	9.0
20°-30°	292.1	14.4
30°-40°	361.4	17.8
40°-50°	372.4	18.3
50°-60°	306.0	15.1
60°-70°	263.8	13.0
70°-80°	127.0	6.2
80°-90°	19.9	1.0
90°-100°	6.1	0.3
100°-110°	6.5	0.3
110°-120°	2.1	0.1
120°-130°	11.1	0.5
130°-140°	14.9	0.7
140°-150°	1.3	0.1
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	539.5	26.6
0°-40°	900.9	44.3
0°-60°	1579.3	77.7
0°-90°	1990.0	97.9
90°-120°	14.7	0.7
90°-150°	42.0	2.1
90°-180°	42.0	2.1
0°-180°	2032.0	100.0

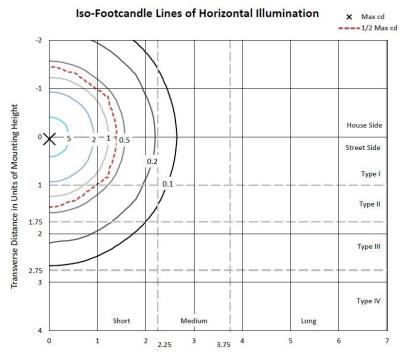
ZONAL LUMENS: Zone Lu

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0°-10°	127.6	3.2
10°-20°	368.4	9.1
20°-30°	578.5	14.3
30°-40°	720.7	17.9
40°-50°	738.1	18.3
50°-60°	630.4	15.6
60°-70°	499.7	12.4
70°-80°	245.1	6.1
80°-90°	40.8	1.0
90°-100°	12.4	0.3
100°-110°	12.6	0.3
110°-120°	4.6	0.1
120°-130°	24.2	0.6
130°-140°	25.0	0.6
140°-150°	3.8	0.1
150°-160°	0.2	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1074.5	26.6
0°-40°	1795.1	44.5
0°-60°	3163.7	78.5
0°-90°	3949.3	97.9
90°-120°	29.6	0.7
90°-150°	82.6	2.0
90°-180°	83.0	2.1
0°-180°	4032.1	100.0

Lumens

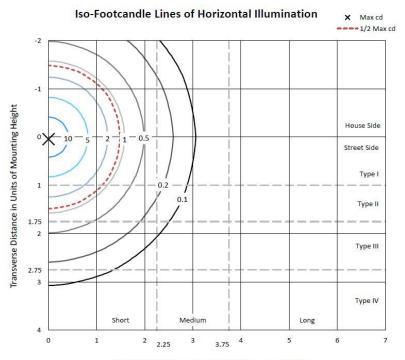


Iso-Footcandle



Longitudinal Distance in Units of Mounting Height

Based on 10 foot mounting height. Maximum calculated value = 6.8 fc Type V - Short - Cutoff



Longitudinal Distance in Units of Mounting Height

Based on 10 foot mounting height. Maximum calculated value = 13.6 fc Type V - Short - Cutoff

