

Project		Catalog #		Type	
Prepared by		Notes		Date	



HALO OUTDOOR

ALB2A40GY, ALB4A40GY & ALB7A40GY

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 bays, warehouses, side roads and pathways.

Typical Applications

Retail • Outdoor Area/Site • Residential

Product Certification



Product Features



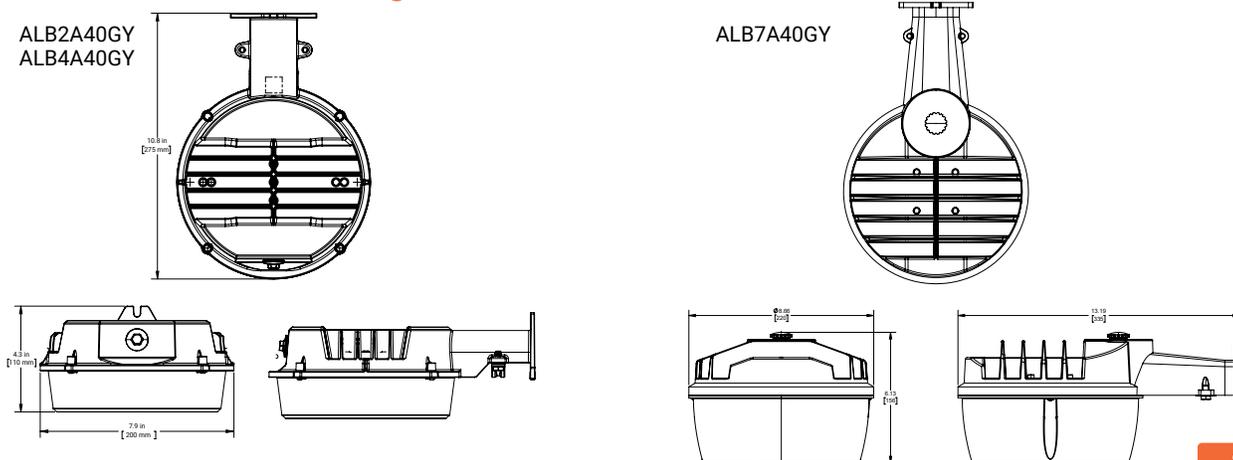
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Top Product Features

- 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

Dimensional and Mounting Details



[additional product diagrams](#)

Order Information

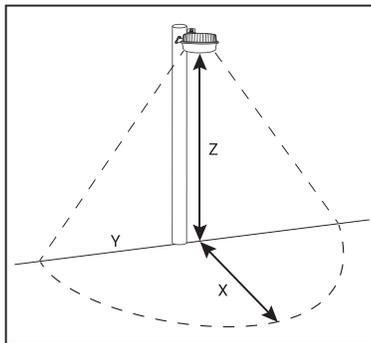
SAMPLE ORDER NUMBER: **ALB2A40GY**

Series	Voltage	Power	Delivered Lumens	Efficacy (Lum/Watt)	LED Color Temperature (K)	CRI	Photocontrol
ALB2A40GY	120	19.5	2032	104	4,000	70	Intergrated
ALB4A40GY	120	40.7	4032	99	4,000	70	Intergrated
ALB7A40GY	120	50	7398	148	4,000	71	Intergrated
ALB7A40GY with DL*	120	50	7326	147	4,000	71	Intergrated

*DL is a Downlight Refractor

Family	Lumens	CCT	Finish
AL=Area Light Basic	2A=2,032	40=4000K	GY=Grey
	4A=4,032		
	7A=7,398		

Suggested Mounting Height



X= Forward Throw
Y= Wall Spread
Z= Mounting Heights

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

Minimum Footcandles (FC)		0.50 FC					
Mounting Height (Z)		10'		15'		20'	
Catalog Number	Lumens	X	Y	X	Y	X	Y
ALB2A40GY	2,032	32	32	36	35	38	38
ALB4A40GY	4,032	40	40	45	45	52	52
ALB7A40GY	7,398	22	44	30	60	32	64
ALB7A40GY- With DL	7,326	21	42	28	56	30	60

*DL- Downlight refractor (in the box accessory)

Product Specifications

Construction (Sample)

- Durable die-cast aluminum housing suitable for wet locations
- Glare free UV stable acrylic lens
- Available in textured grey 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

Mounting

- 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, 15 feet for ALB7 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

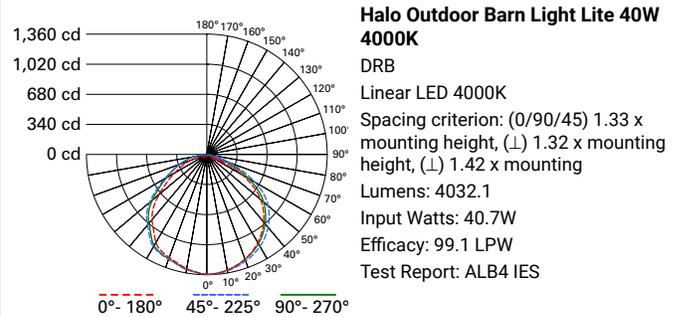
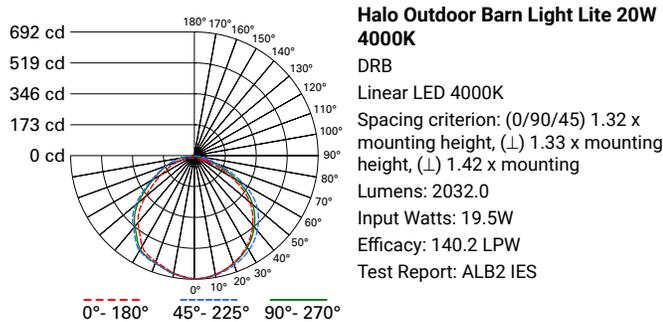
- Textured grey finish

Warranty

- 1 year warranty standard.

Photometric Data

[View IES files](#)



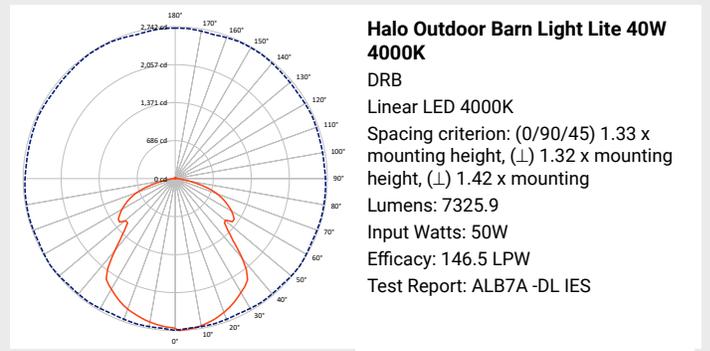
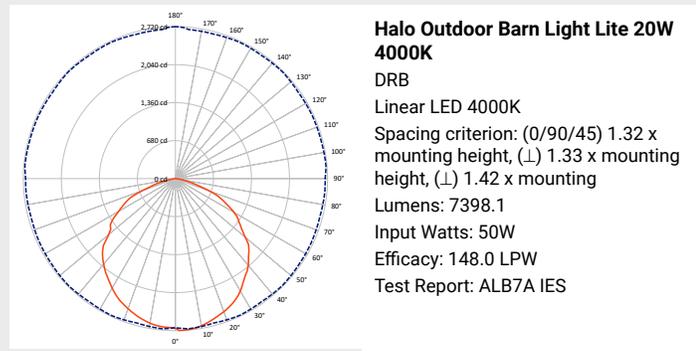
ZONAL LUMENS:

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	Lumens	% Fixture
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

Photometric Data



ZONAL LUMENS:

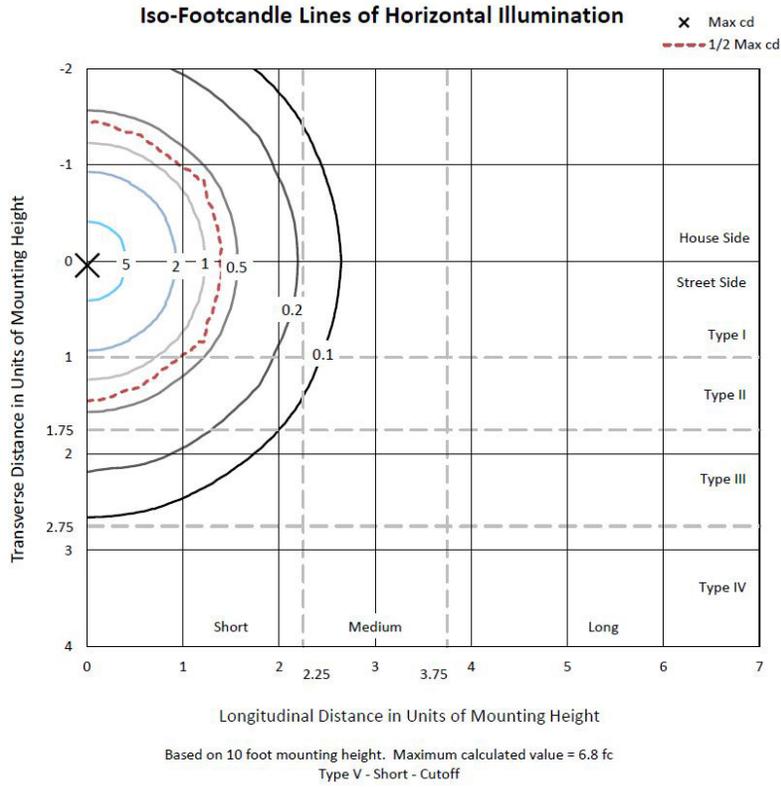
Zone	Lumens	% Fixture
0°-10°	255.5	3.5
10°-20°	729.8	9.9
20°-30°	1109.0	15.0
30°-40°	1345.7	18.2
40°-50°	1398.6	18.9
50°-60°	1261.8	17.1
60°-70°	908.9	12.3
70°-80°	361.2	4.9
80°-90°	27.8	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7398.1	100.0
0°-180°	7398.1	100.0

ZONAL LUMENS:

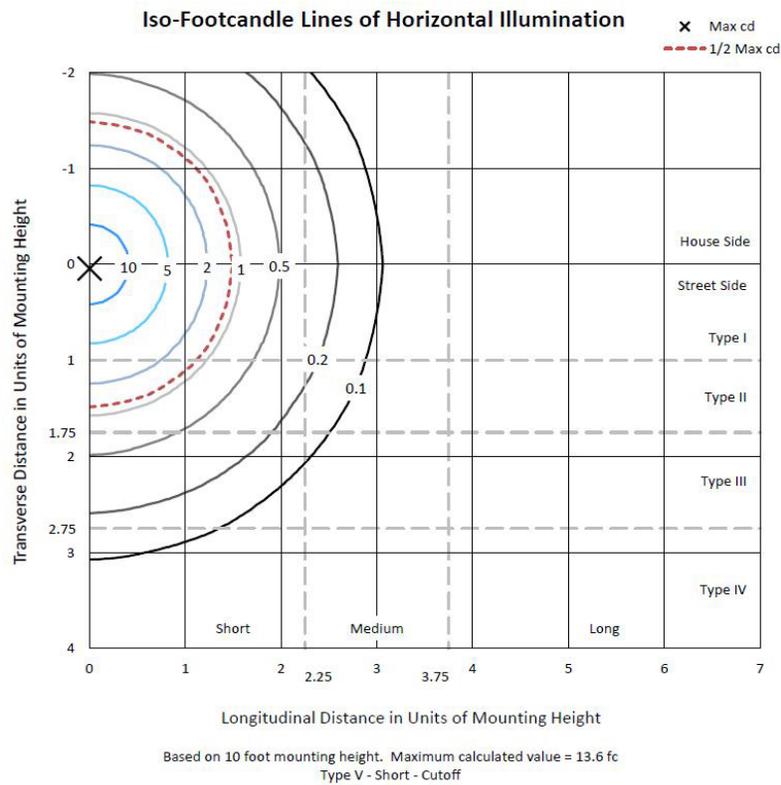
Zone	Lumens	% Fixture
0°-10°	255.8	3.5
10°-20°	733.4	10.0
20°-30°	1124.0	15.3
30°-40°	1337.2	18.3
40°-50°	1054.0	14.4
50°-60°	1118.3	15.3
60°-70°	969.8	13.2
70°-80°	523.7	7.1
80°-90°	112.4	1.5
90°-100°	30.4	0.4
100°-110°	17.0	0.2
110°-120°	10.6	0.1
120°-130°	9.6	0.1
130°-140°	11.7	0.2
140°-150°	11.3	0.2
150°-160°	5.5	0.1
160°-170°	0.8	0.0
170°-180°	0.2	0.0
0°-90°	7228.7	98.7
0°-180°	7325.9	100.0

Iso-Footcandle

ALB2A40GY

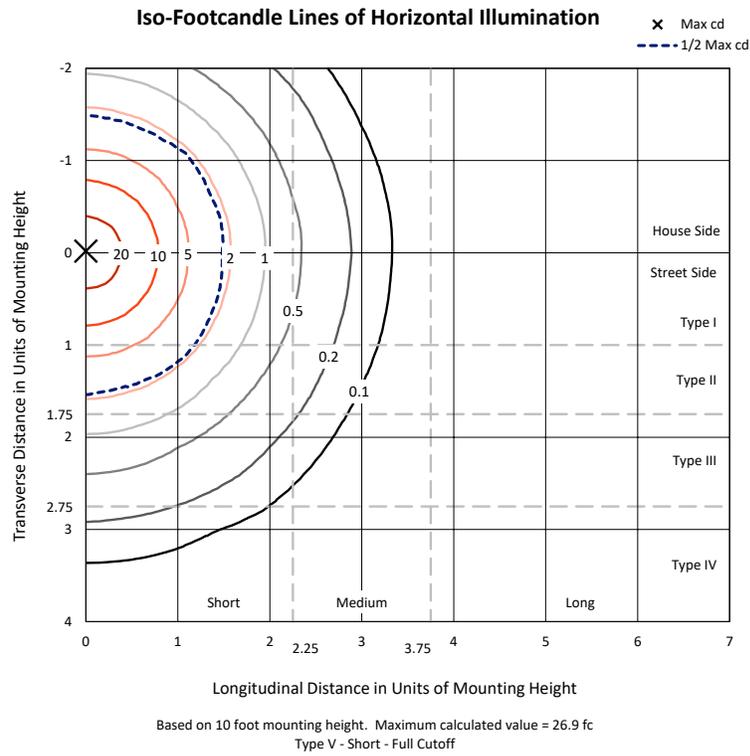


ALB4A40GY



Iso-Footcandle

ALB7A40GY



ALB7A40GY
with DL

