Catalog #		Date		Prepared by	
Project		Type		Notes	

HALO OUTDOOR

AL6501LED Area Light

The AL6501LED Utility Light is a simple and energy efficient means of bolstering the security around your home or business. It's an excellent addition for garages, backyards, patios and any other outdoor area that requires immediate lighting.

Utilizing an integrated LED design removes the hassle of having to replace bulbs. Also offering low energy consumption of only 27.8-Watt and sturdy aluminum construction.

This security light also features an integrated Dusk to Dawn photocell, activating the light fixture at dusk and deactivating at dawn.

Typical Applications

Outdoor Area/Site • Residential

Interactive Menu

Product Certification

c(UL)us LISTED   RoHS COMPLIANT   FC

## Top Product Features

- Heavy duty corrosion-resistant die-cast metal housing
- Prismatic PC drop lens provides diffuse illumination up to 1600sqft approx 40ft x 40ft
- Easy to install on Wall or Pole mount (Pole sold separately)
- UL listed for Wet and Damp locations
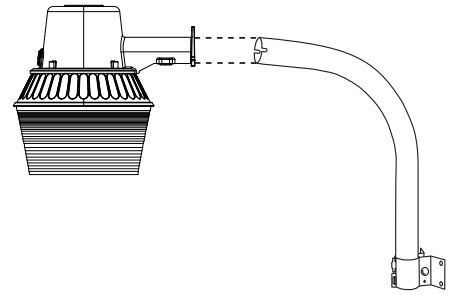- Efficient integrated LED means zero maintenance or bulb replacements

Product Features

wet location   DUSK TO DAWN

Dimensional and Mounting Details

9.5 [241.8]

12.3 [311.9]

11.5 [290.9]
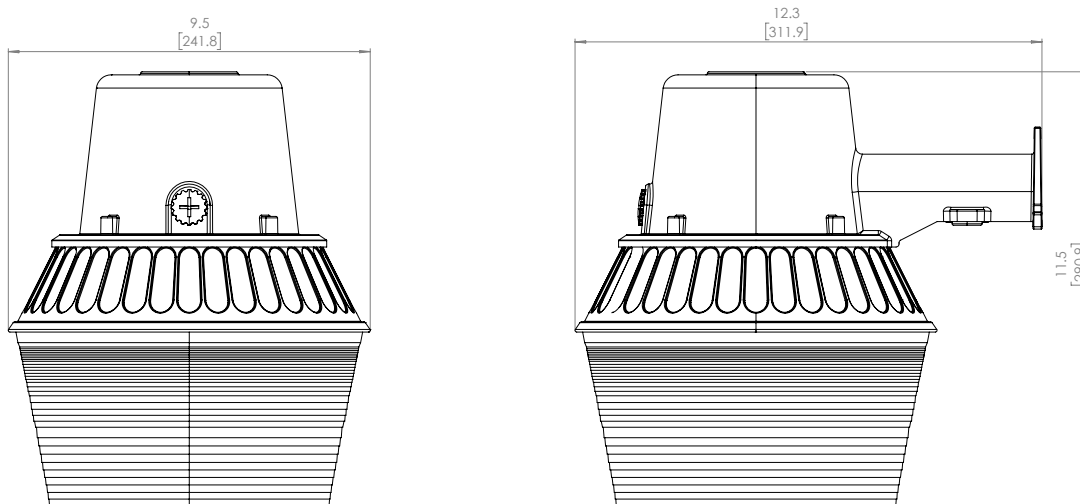
Order Information

Series
Series
AL6501LED= Area Light Standard, 4000 Lumens, 4000K, Grey Finish

Accessories
Accessories
EA24= Mounting Arm for pole mount (sold seperately)

Product Specifications

Construction
- Heavy duty corrosion-resistant die-cast metal housing
- Suitable for wall or pole mounting applications
- Traditional look and feel with integrated LED

Optics
- High impact prismatic PC lens provides smooth illumination
- Traditional look and feel with integrated LED
- 4000K dedicated CCT

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
- Use EA24 accessory for pole mounting- pole not included

Electrical
- 27.8W Input wattage
- 120VAC, 60Hz
- Built to last with maintenance free LEDs with 50,000 life hours
- Fixture operating temperature of -30°C to 40°C
- External supply wiring 90°C minimum
- Integral photocell allows for nighttime ON / daytime OFF operation

Compliance
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11

Certifications
- UL certified for USA and Canada for wet locations
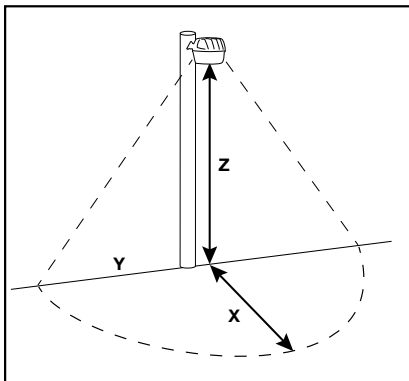- Contains no mercury or lead - RoHS compliant (RoHS 2.0)

Finish
- Light grey finish

Warranty
- Five year limited warranty
- Consult website for details cooperlighting.com/legal

Suggested Mounting Height

Minimum Footcandles (FC)		0.50 FC								
Mounting Height (Z)		**10'**			**15'**			**20'**		
Catalog Number	**Lumens**	**X**	**Y**	**Z**	**X**	**Y**	**Z**	**X**	**Y**	**Z**
AL6501LED	4,082	19.6'	39.2'	10'	22.5'	45'	15'	23.6'	47.7'	20'

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

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Lighting Solutions

Photometric Data

Series	Voltage (V)	Power (W)	Delivered Lumens	Efficacy (Lum/ Watt)	Led Color Temperature (K)	CRI	Photocontrol
AL6501LED	120V	27.8W	4000	144	4000K	80	INTEGRATED PHOTOCELL

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.7	4.2
10°-20°	566.1	13.9
20°-30°	747.3	18.3
30°-40°	651.1	16.0
40°-50°	638.2	15.6
50°-60°	584.3	14.3
60°-70°	404.2	9.9
70°-80°	125.2	3.1
80°-90°	58.6	1.4
90°-100°	31.3	0.8
100°-110°	23.0	0.6
110°-120°	20.6	0.5
120°-130°	20.1	0.5
130°-140°	19.3	0.5
140°-150°	14.3	0.4
150°-160°	5.8	0.1
160°-170°	0.7	0.0
170°-180°	0.0	0.0
0°-90°	3946.8	96.7
0°-180°	4081.9	100.0

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
--- 1/2 Max cd

House Side
Street Side
Type I
Type II
Type III
Type IV

Short   Medium   Long

Transverse Distance in Units of Mounting Height

Longitudinal Distance in Units of Mounting Height

Based on 10 foot mounting height. Maximum calculated value = 18.2 fc
Type V, Short, N/A
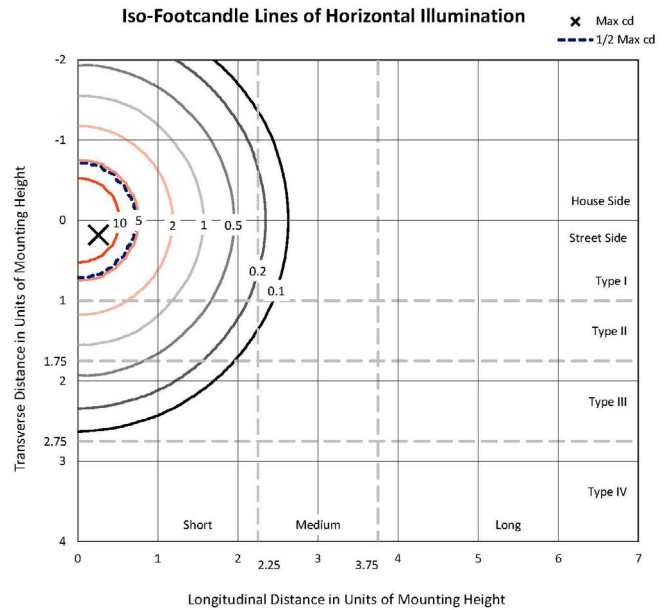
Luminous Intensity Polar Plot

2,056 cd
1,542 cd
1,028 cd
514 cd
0 cd

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Specifications and dimensions
subject to change without notice.

PS51840821EN **page 3**
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