



AL-Series LED AREA LIGHT



Exceptional Value With Spec Grade Features

Halco AL-Series LED Area Lighting offers exceptional value, without sacrificing many of the desired features found in spec grade options.

With a sleek, low-profile design, this luminaire directs the light where you need it. It delivers optimal light output and even light distribution for effective security light levels. The recessed optics minimize glare and promote visual comfort.

This robust, IP66 luminaire is built to last. The UV stabilized lens and swinging driver door are fully sealed and gasketed, preventing water and dust from degrading performance. Integral heat sink fins optimize thermal management to enable longevity, and venting prevents build-up of debris in the fins.

Offering multiple sizes and configurations, the AL-Series has solutions to fit a variety of site lighting needs. Choose from a variety of lumen packages (11,000 – 38,000 lumens), light distributions (Type II, III, IV and V), color temperatures (4000K and 5000K) and mounting options (straight arm, trunnion swivel and slipfitter knuckle). Upgrades including 7-pin NEMA twist-lock receptacles, dimming drivers, integrated bubble level, and 10kV surge suppression come standard with each fixture.

Key Features

- 7-pin NEMA twist-lock receptacle (standard) enables simple to robust control options
- Dimming drivers (standard)
- Optional Motion Sensor Quick Connect Kit - ultrasonic and Bluetooth enabled options
- 10kV Surge Protection (standard)
- 3G vibration tested for roadways
- -30° to +55°C ambient operating temperature
- Straight pole mount is round/square hybrid
- Slide-on mounting plate with anti-theft bolt lock





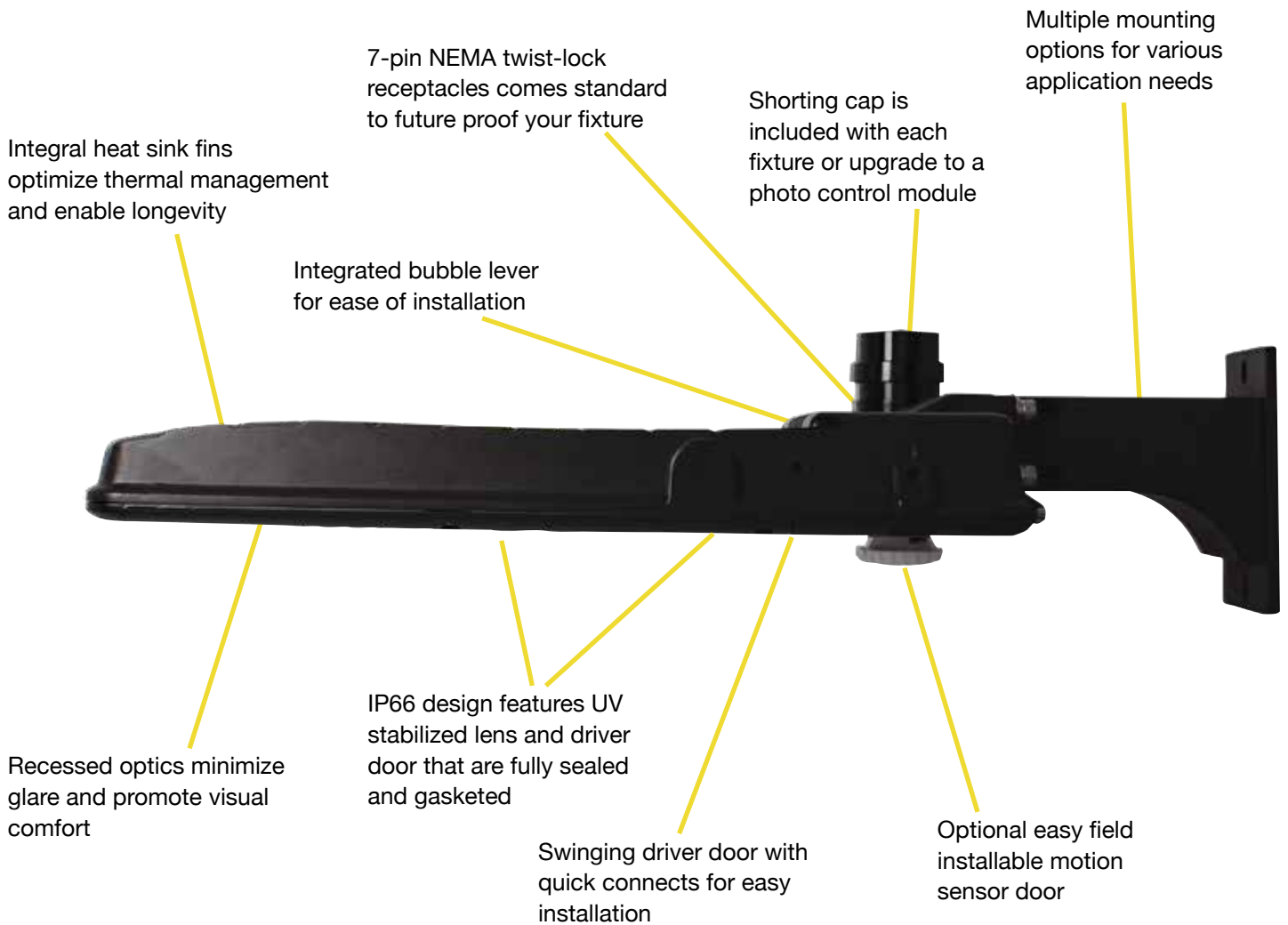
Significantly reduce operating costs

Halco AL-Series LED Area Lights are the ideal choice for area and site lighting applications including:

- Commercial offices
- Retailers
- Municipal locations
- Educational campuses
- Hospital / Healthcare facilities



The AL-Series delivers optimal light output while significantly reducing operating expenses over the life of each fixture. Efficiently delivering over 120 LPW, these luminaires provide up to 70% energy savings over traditional HID systems. This DLC Premium listed fixture may be eligible for potential utility rebates further improving ROI. In addition, a long 100,000 hour rated life reduces ongoing maintenance labor and material costs.



Multiple Sizes and Configurations for Consistent Design

Small

With over 12,000 lumens, the small area light is ideal for 15'-20' mounting heights. (Shown with trunnion swivel mounting)



Medium

With 18,000-24,000 lumens, the medium area light will be your most versatile option. It is ideal for mounting heights at 15'-25'. (Shown with slipfitter knuckle mounting)



Large

At 28,000-36,000 lumens, the large area light is ideally suited for taller mounting heights up to 40'. This enables greater spacing and maximizes energy savings. (Shown with slipfitter straight-arm mounting)



Product Information

Family	Description	Equivalent
AL100	Area Light 100W, 12,000 LM	250W MH
AL150	Area Light 150W, 18,000 LM	320W PSMH
AL200	Area Light 200W, 24,000 LM	400W MH
AL240	Area Light 240W, 28,800 LM	600W MH
AL300	Area Light 300W, 36,000 LM	750W-1,000W MH

Product Dimensions

Watt	Dimensions
AL100	D-3.77" x W-20 x L-9.9"
AL150/AL200	D-3.81" x W-22.4 x L-11.09"
AL240/AL300	D-4" x W-26.5 x L-14.03"

ISO Footcandle Plots

Each gridline represents the mounting height shown. The grid scale is based on the mounting height.

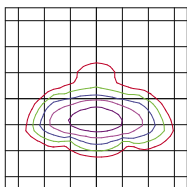
For mounting heights other than noted, use the below formula. Factor = $\frac{\text{Chart's Mtg. Height}}{\text{(Actual Mtg. Height)}}$

LEGEND

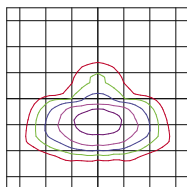
- 0.25 fc
- 0.5 fc
- 1 fc
- 2 fc
- 5 fc

100 WATT 20ft Mounting Height

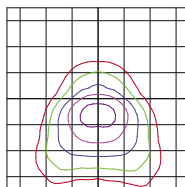
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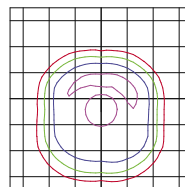
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TYPE IV

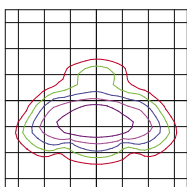


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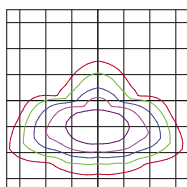


150 WATT 20ft Mounting Height

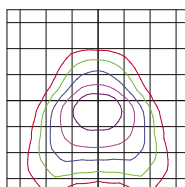
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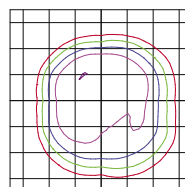
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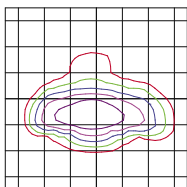


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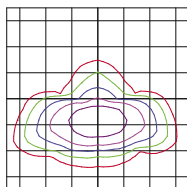


200 WATT 25ft Mounting Height

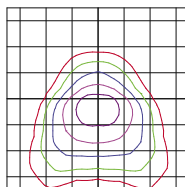
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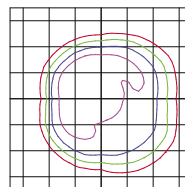
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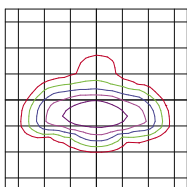


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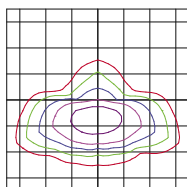


240 WATT 30ft Mounting Height

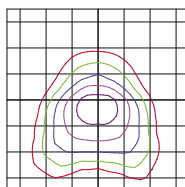
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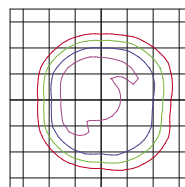
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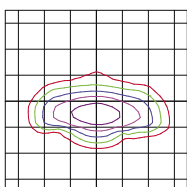


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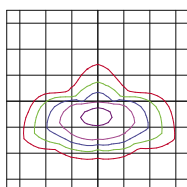


300 WATT 40ft Mounting Height

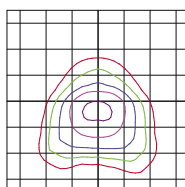
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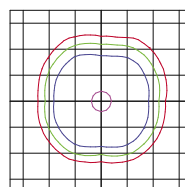
TYPE III



TYPE IV



TYPE V



Ordering Information

Example: AL150/T5U50/7PRS

Product Series	Wattage		Optics	Voltage	CCT		Receptacle	Options
AL	150	/	T5	U	50	/	7PRS	
AL = AL Series	100 =100 Watt 150 =150 Watt 200 =200Watt 240 =240 Watt 300 =300 Watt		T2 =Type II Optics T3 =Type III Optics T4 =Type IV Optics T5 =Type V Optics	U =120-277VAC H =347-480VAC	40 =4000K 50 =5000K		7PRS =NEMA 7-Pin Receptacle with Shorting Cap	MS =Factory Installed Motion Sensor

Type 2 and 4 optics are assembled to order. Lead times apply. Please see page 2 for controls options available. MOQ and lead times apply for custom finish 347-480V drivers are assemble to order. Lead times apply.

Standard Stocking Items

Ordering Code	Product Number	Product Description
AL100/T5U50/7PRS	10200	AREA LIGHT, 100 WATT, 120-277V, TYPE V, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL100/T3U50/7PRS	10201	AREA LIGHT, 100 WATT, 120-277V, TYPE III, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL150/T5U50/7PRS	10202	AREA LIGHT, 150 WATT, 120-277V, TYPE V, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL150/T3U50/7PRS	10203	AREA LIGHT, 150 WATT, 120-277V, TYPE III, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL200/T5U50/7PRS	10204	AREA LIGHT, 200 WATT, 120-277V, TYPE V, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL200/T3U50/7PRS	10205	AREA LIGHT, 200 WATT, 120-277V, TYPE III, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL240/T5U50/7PRS	10206	AREA LIGHT, 240 WATT, 120-277V, TYPE V, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL240/T3U50/7PRS	10207	AREA LIGHT, 240 WATT, 120-277V, TYPE III, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL300/T5U50/7PRS	10208	AREA LIGHT, 300 WATT, 120-277V, TYPE V, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL300/T3U50/7PRS	10209	AREA LIGHT, 300 WATT, 120-277V, TYPE III, 5000K, 7-PIN RECEPTACLE, SHORTING CAP
AL100/T5U40/7PRS	10210	AREA LIGHT, 100 WATT, 120-277V, TYPE V, 4000K, 7-PIN RECEPTACLE, SHORTING CAP
AL100/T3U40/7PRS	10211	AREA LIGHT, 100 WATT, 120-277V, TYPE III, 4000K, 7-PIN RECEPTACLE, SHORTING CAP
AL150/T5U40/7PRS	10212	AREA LIGHT, 150 WATT, 120-277V, TYPE V, 4000K, 7-PIN RECEPTACLE, SHORTING CAP
AL150/T3U40/7PRS	10213	AREA LIGHT, 150 WATT, 120-277V, TYPE III, 4000K, 7-PIN RECEPTACLE, SHORTING CAP
AL200/T5U40/7PRS	10214	AREA LIGHT, 200 WATT, 120-277V, TYPE V, 4000K, 7-PIN RECEPTACLE, SHORTING CAP
AL200/T3U40/7PRS	10215	AREA LIGHT, 200 WATT, 120-277V, TYPE III, 4000K, 7-PIN RECEPTACLE, SHORTING CAP
AL240/T5U40/7PRS	10216	AREA LIGHT, 240 WATT, 120-277V, TYPE V, 4000K, 7-PIN RECEPTACLE, SHORTING CAP
AL240/T3U40/7PRS	10217	AREA LIGHT, 240 WATT, 120-277V, TYPE III, 4000K, 7-PIN RECEPTACLE, SHORTING CAP
AL300/T5U40/7PRS	10218	AREA LIGHT, 300 WATT, 120-277V, TYPE V, 4000K, 7-PIN RECEPTACLE, SHORTING CAP
AL300/T3U40/7PRS	10219	AREA LIGHT, 300 WATT, 120-277V, TYPE III, 4000K, 7-PIN RECEPTACLE, SHORTING CAP

Mounting Options

ALM/SASR	10193	MOUNT: AREA LIGHT; STRAIGHT ARM; SQUARE AND ROUND POLE ADAPTOR
ALM/SKN	10194	MOUNT: AREA LIGHT; SLIPFITTER KNUCKLE
ALM/TRS	10196	MOUNT: AREA LIGHT; TRUNNION SWIVEL

*Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to operate past this point at decreased light levels.

** Check the latest update at www.DesignLights.org for listed product catalog numbers. Not all versions are listed.

Warranty – Commercial / Industrial: This product is warranted for 5 years from the date of purchase.



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