



The Keene **Area light** features energy saving LED technology ideal for pole mounted area lighting applications. The Area light is available with Type 3 and Type 4 distributions in two lumen packages, providing up to 25,000 lumens.

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Ordering guide

example: AL-150-NW-G1-AR-3-8-BZ

Luminaire	Wattage	LED Color – Generation	Mounting	Distribution	Voltage	Finish
AL		NW-G1	AR			BZ
AL Area Light	150 150W 200 200W	NW-G1 Neutral White, 4000K, 70 CRI, Generation 1	AR¹ Arm mounting	3 Type 3 4 Type 4	6 347V 8 120-277V	BZ Bronze

1. Mounts to a square pole. Adapter included for 4" round poles.

Specifications

Housing

Aluminum die-cast housing with attachable arm. Arm has removable cover for ease of wire connection.

IP Rating

LED light engine rated IP66. Driver compartment rated to IP65.

Vibration Resistance

3G vibration rating that conforms to standards set forth by ANSI C136.31. Testing includes vibration to 3G acceleration in all three axes.

Electrical

Driver efficiency (>90% at full load). Available in 120-277V and 347V. IP66 compliant driver. RoHS compliant. Surge protector standard. 10KA per ANSI/IEEE C62.41.2.

LED Board and Array

216 or 280 LEDs. Color temperature 4000K, +/- 250K. Minimum CRI of 70. Metal core substrate.

Optical System

Type 3 and 4 distributions available.

LED Thermal Management

The housing design allows the one piece housing to provide excellent thermal management critical to long LED system life.

Mounting

Standard luminaire arm mounts to square poles. Round pole adapter included with every luminaire designed for 4" OD poles.

Energy Saving Benefits

System efficacy up to 129lm/W with significant energy savings over Pulse Start Metal Halide luminaires.

Listings

UL/cUL listed to the UL 1598 standard, suitable for Wet Locations. Suitable for use in ambient from -40° to 40°C (-40° to 104°F). All product configurations are DesignLights Consortium® qualified.

Finish

Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard color is bronze (BZ).

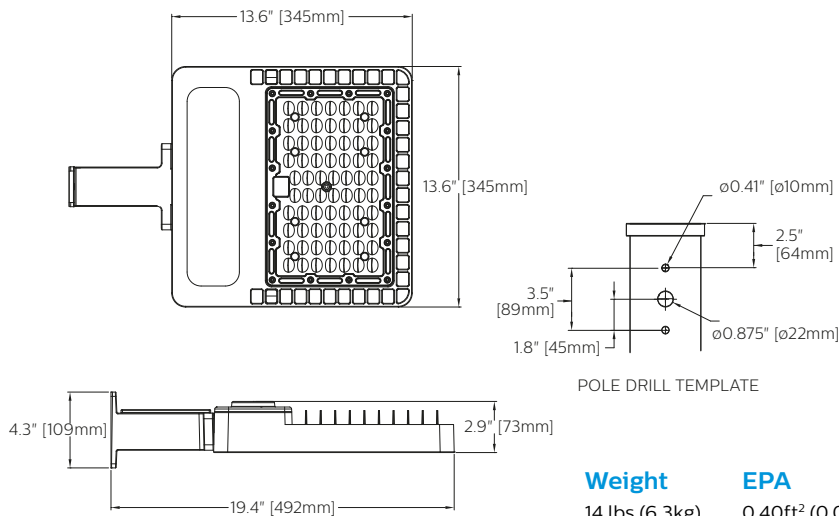
Limited Warranty

Luminaires, LED arrays, and drivers are all covered by a 5-year limited warranty. See signify.com/warranties for details.

AL Area Light – Up to 25,000 lumens

Site & Area

Dimensions



Weight

14 lbs (6.3kg)

EPA

0.40ft² (0.04m²)

LED Wattage and Lumen Values

Ordering Codes	Total LEDs	System Current (mA)	Color Temp. (K)	Average System Wattage ¹	Type 3			Type 4		
					Lumen Output ^{1,2}	BUG Rating	Efficacy (LPW)	Lumen Output ^{1,2}	BUG Rating	Efficacy (LPW)
AL150-NW-G1-AR-8	216	2850	4000	147	18,585	B3-U0-G3	126	18,324	B3-U0-G3	125
AL200-NW-G1-AR-8	280	3800	4000	197	24,382	B4-U0-G4	124	24,109	B3-U0-G3	122
AL150-NW-G1-AR-6	216	2850	4000	147	18,995	B3-U0-G3	129	18,806	B3-U0-G3	128
AL200-NW-G1-AR-6	280	3800	4000	201	24,882	B4-U0-G4	124	25,095	B4-U0-G3	125

1. Wattage and lumen output may vary due to LED manufacturer forward volt specification and ambient temperature. Wattage shown is average for 120V through 277V input. Measured wattage may vary due to variation in input voltage.
2. Lumen values based on photometric tests performed in compliance with IESNA LM-79. Contact your Keene representative.

Predicted Lumen Depreciation Data

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L_{70} is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM 21-11. Published L_{70} hours limited to 6 times actual LED test hours.

Ambient Temp °C	LED Current	System Current	Calculated L_{70} hrs ^{1,2}	L_{70} per TM21 ^{2,3}	Lumen Maintenance @ 50,000 hrs
25 °C	120mA	2850mA	>68,000	>54,000	77%
25 °C	120mA	3800mA	>68,000	>54,000	77%

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2. L_{70} is the predicted time when LED performance depreciates to 70% of initial lumen output.
3. Calculated per IESNA TM 21-11. Published L_{70} hours limited to 6 times actual LED test hours.

