



# LED NEMA Head Series

## LNH2 Security Lighting

### PRODUCT OVERVIEW



#### Features:

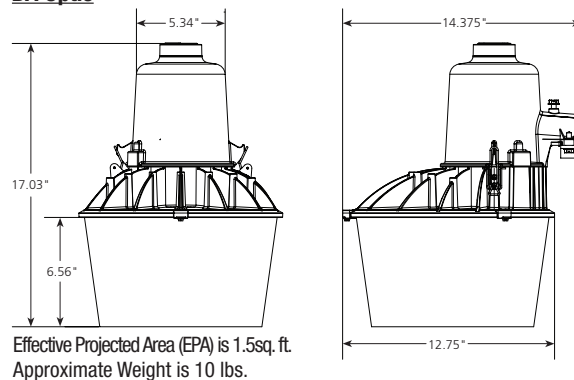
- Diecast aluminum head  
Mounts to 1-1/4" – 2" (1-5/8" – 2-3/8" OD) mast arms
- Lineman friendly latch for tool-less access to the electrical assembly
- Multiple optical distributions both with and without an acrylic refractor
- Color temperature is 4,000K, 70 CRI
- Suitable temperature range of -40 °C – 40 °C
- 10KV/5KA surge protection is standard on all units
- IP66 rated borosilicate glass optic ensures longevity and minimizes dirt depreciation
- NEMA 3 pin photocontrol receptacle is standard, with the Acuity designed ANSI standard 5 pin and 7 pin receptacles optionally available.
- Premium solid state locking-style photocontrol – PCSS (10 year rated life)  
Extreme long life solid state locking-style photocontrol – PCL1 (20 year rated life)
- FCC Part 15 compliant
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

#### Applications:

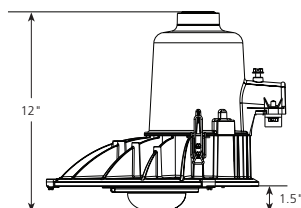
Security  
Storage yards  
Loading areas  
Receiving areas  
Rural residences

### DIMENSIONS

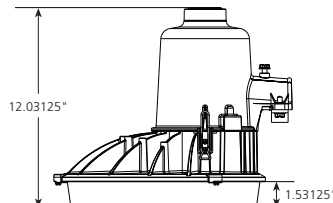
#### BA Optic



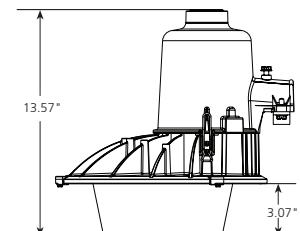
#### NA Optic



#### NU Optic



#### SA Optic



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### ORDERING INFORMATION

EXAMPLE: LNH2 LU1 MVOLT R3 BA

Series	Performance Package	Voltage	Distribution	Optics
<b>LNH2</b> LNH2 LED	<b>LU1</b> 2300 Lumens	<b>MVOLT</b> 120V-277V	<b>R3</b> Roadway Type III	<b>BA</b> Open Bottom Acrylic
<b>LNH2PKG<sup>1</sup></b> Package	<b>LU2</b> 3000 Lumens		<b>R5</b> Roadway Type V	<b>NA</b> No Acrylic Refractor
<b>LNL2PKG<sup>2</sup></b> Long Life Package	<b>LU3</b> 3800 Lumens			<b>NU</b> No Acrylic Refractor-Zero Uplight
	<b>LU4</b> 4900 Lumens			<b>SA</b> Open Bottom Small Acrylic Refractor
	<b>LU5</b> 6600 Lumens			

Options	Accessories
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#### Paint

**(blank)** Unpainted (standard)  
**GY** Gray

#### Photocontrol Receptacle

**(blank)** 3 Pin NEMA Photocontrol Receptacle  
**P5** 5 Pin Photocontrol Receptacle  
**P7** 7 Pin Photocontrol Receptacle  
**NR** No Receptacle

#### Supply wire

**(blank)** 5' of 14 Ga. Leads Prewired to Terminal Block  
**NW** No Prewire

#### Misc.

**PCSS** 10 yr. Rated Solid State Photocontrol  
**PCL1** 20 yr. Rated Solid State Photocontrol  
**PCCC** Long Life Solid State Photocontrol with Remote Control On/Off  
**NL** NEMA Label  
**SH** Shorting Cap  
**SPK** Sample Pack

**LNH2REF** BA Acrylic refractor for Field Installation  
**LNH2SREF** SA refractor for Field Installation

#### Notes:

1. LNH2PKG-Package (includes 24", 1-1/4" diameter mast arm, PCSS photocontrol, 5' of prewire and hardware)
2. LNL2PKG-Package (includes 24", 1-1/4" diameter mast arm, PCLL Long Life photocontrol, 5' of prewire and hardware)



AEL Headquarters, 3825 Columbus Road, Granville, OH 43023  
[www.americanelectricleighting.com](http://www.americanelectricleighting.com)

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**Warranty** Five-year limited warranty. Complete warranty terms located at:  
[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)  
 Actual performance may differ as a result of end-user environment and application.  
 All values are design or typical values, measured under laboratory conditions at 25 °C.  
 Specifications subject to change without notice.

*Please contact your sales representative for the latest product information.*

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### DESIGN DATA

Performance Package					
	Distribution	Optics	Lumens	Input Watts	LPW
LU1	R3	SA	2256	17	133
		BA	2225		131
		NA	2313		136
		NU	2211		130
	R5	SA	2348		138
		BA	2294		135
		NA	2401		141
		NU	2317		136
LU2	R3	SA	2890	24	120
		BA	2850		119
		NA	2964		123
		NU	2832		118
	R5	SA	3008		125
		BA	2939		122
		NA	3075		128
		NU	2968		124
LU3	R3	SA	3716	37	100
		BA	3664		99
		NA	3834		104
		NU	3641		98
	R5	SA	3918		106
		BA	3828		103
		NA	4006		108
		NU	3867		105
LU4	R3	SA	4734	39	121
		BA	4668		120
		NA	4854		124
		NU	4639		119
	R5	SA	4914		126
		BA	4801		123
		NA	5023		129
		NU	4849		124
LU5	R3	SA	6314	64	99
		BA	6226		97
		NA	6474		101
		NU	6187		97
	R5	SA	6585		103
		BA	6433		101
		NA	6732		105
		NU	6498		102

Lamp Lumen Depreciation @ 25 °C		
	50,000 hrs	75,000 hrs
LU1	97%	96%
LU2	97%	96%
LU3	97%	96%
LU4	97%	95%
LU5	95%	93%



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