



LED NEMA Head Series

LNH2 Security Lighting

PRODUCT OVERVIEW



Features:

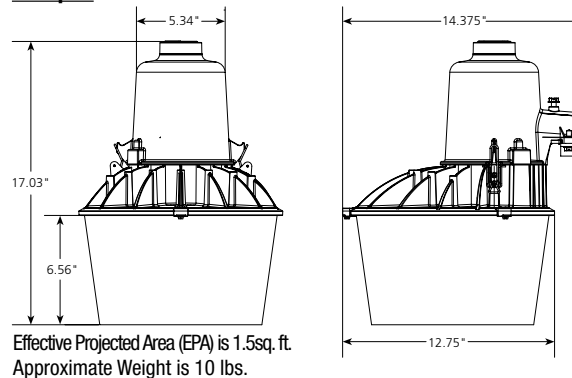
- Diecast aluminum head
Mounts to 1-1/4" – 2" (1-5/8" – 2-3/8" OD) mast arms
- Lineman friendly latch for tool-less access to the electrical assembly
- Multiple optical distributions both with and without an acrylic refractor
- Color temperature is 4,000K, 70 CRI
- Suitable temperature range of -40 °C – 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 to confirm which versions are qualified.

Applications:

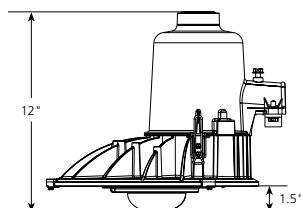
Security
Storage yards
Loading areas
Receiving areas
Rural residences

DIMENSIONS

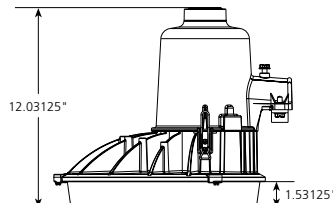
BA Optic



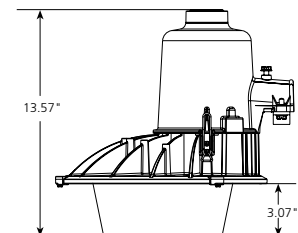
NA Optic



NU Optic



SA Optic



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ORDERING INFORMATION

EXAMPLE: LNH2 LU1 MVOLT R3 BA

Series	Performance Package	Voltage	Distribution	Optics
LNH2 LNH2 LED	LU1 2300 Lumens	MVOLT 120V-277V	R3 Roadway Type III	BA Open Bottom Acrylic
LNH2PKG¹ Package	LU2 3000 Lumens		R5 Roadway Type V	NA No Acrylic Refractor
LNL2PKG² Long Life Package	LU3 3800 Lumens			NU No Acrylic Refractor-Zero Uplight
	LU4 4900 Lumens			SA Open Bottom Small Acrylic Refractor
	LU5 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)



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Warranty Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acuitybrands.com/support/warranty/terms-and-conditions

Note: 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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