

Type:
Project:



HNLS12 RND

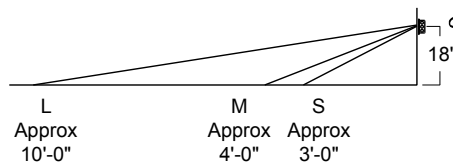


HNLS12 SQU

HIGHLIGHTS

- Round or Square metal faceplate with three distributions
- Die cast reflector assembly with visible grooved surface painted matte black to reduce glare
- Six static white and six static color LED possibilities
- Fixture has hidden faceplate fasteners
- 0-10v dimming driver
- Three antimicrobial polyester powder paint color finishes standard
- Total System Integration features a 5-year limited warranty by Acuity Brands covering all components and construction

DISTRIBUTION



LUMEN OUTPUT

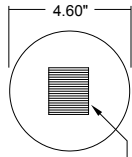
** Performance data based upon 30K LED

Fixture	Distribution	Delivered Lumens	Input Watts	Lumens/Watt
HNLS12	Short	36	3	12
	Medium	42	3	14
	Long	54	3	18



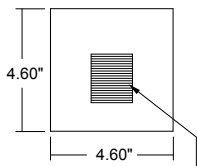
DIMENSIONS

HNLS12 RND



Ribbed design with matte black finish to reduce glare

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Ribbed design with matte black finish to reduce glare

CATALOG NUMBER

Example: HNLS12 RND MVOLT LT AMB ZT MIN5 BZAM

Series	Shape	Voltage	Distribution	LED Color Temperature	Control Input	Minimum Dimming Level	Finish
HNLS12 Pathfinder Step Light 12	RND Round SQU Square	MVOLT 120-277 Volt	LT Long Throw MT Medium Throw ST Short Throw	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K AMB Amber GRN Green RED Red BLU Blue CYN Cyan RDO Red-Orange	ZT 0-10V	MIN5 Constant Current, Dimming to 5%	GWAM Gloss White Antimicrobial SGB Semi-Gloss Black MWAM Matte White Antimicrobial BA Brushed Aluminum BZAM Bronze Antimicrobial ABP Antique Brass Paint BB Brushed Brass BBP Brushed Brass Paint BSS Brushed Stainless Steel LBPS Light Bronze Paint Smooth LSP Light Silver Paint PB Polished Brass PGP Pale Gold Paint PRM Primer Only PSS Polished Stainless Steel SGW Semi-Gloss White Paint

SPECIFICATIONS

Housing

Metal faceplate assembly with inner die-cast reflector housing. No exposed fasteners.

Lens

Extruded clear acrylic optic lens concealed in reflector housing.

Finish

Color for faceplate only. Available in five metal finishes with protective clear coat, seven polyester powder paint colors, or three antimicrobial polyester powder paint colors. A primer only finish is also available for field painting. Matte black finish always on reflector assembly.

Mounting

Fixture designed to mount to a Steel City 54171 octagon 2-1/8" deep junction box (by others) or equivalent.

Source

LED available with six static white color temperatures or six static color options all within a 3 MacAdam ellipse.

Circuiting

Single circuit

Dimming Driver

Integral electronic driver for 120 through 277v/50-60Hz input. Standard 0-10V dimming to 5%. THD: <20%. PFC: > 0.90. Complies to FCC CFR Title 47 Part 15, Class B at 120v and Class A at 277v EMI noise rating.

LED Life

Static White: LED light engine is rated for 60,000 hours (L70). Static Color: LED light engine is rated for 60,000 hours (L70).

Environment

Suitable for dry location use

Certification

ETL Certified to meet U.S. and Canadian standards conforming to UL1598 and CAN/CSA C22.2 No. 250.0

Buy American

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FARS, DFARS and DOT. Please refer to www.acuitybrands.com/resources/buy-american for additional information

Warranty

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

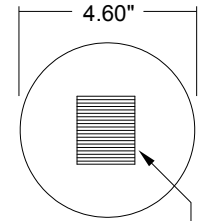
Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

Lumen Multiplier Table for CCT

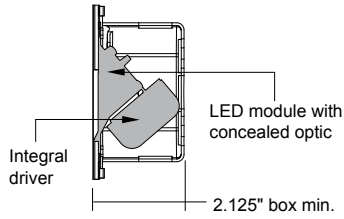
CCT	Multiplier
27K	0.888
30K	1.000
35K	1.031
40K	1.047
50K	1.056
64K	1.052

DIMENSIONS

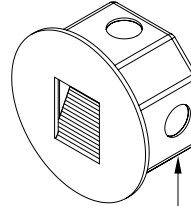
HNLS12 RND



Ribbed design with matte black finish to reduce glare

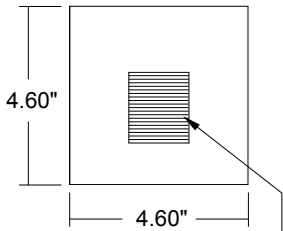


CROSS SECTION

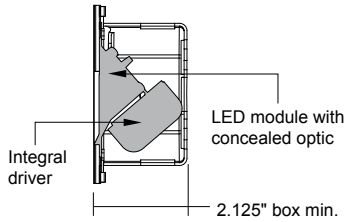


2.125" deep Steel City 4" octagonal box 54171 or equivalent (by others)

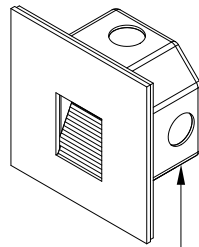
HNLS12 SQU



Ribbed design with matte black finish to reduce glare



CROSS SECTION



2.125" deep Steel City 4" octagon box 54171 or equivalent (by others)

WIRING

DIMMING INSTALLATIONS

Read all instructions before installation. Do not make live connections.

The integral dimming driver is designed to the 0-10V IEC dimming specification 60929 and is compatible with common 0-10V dimmers and dimming systems.

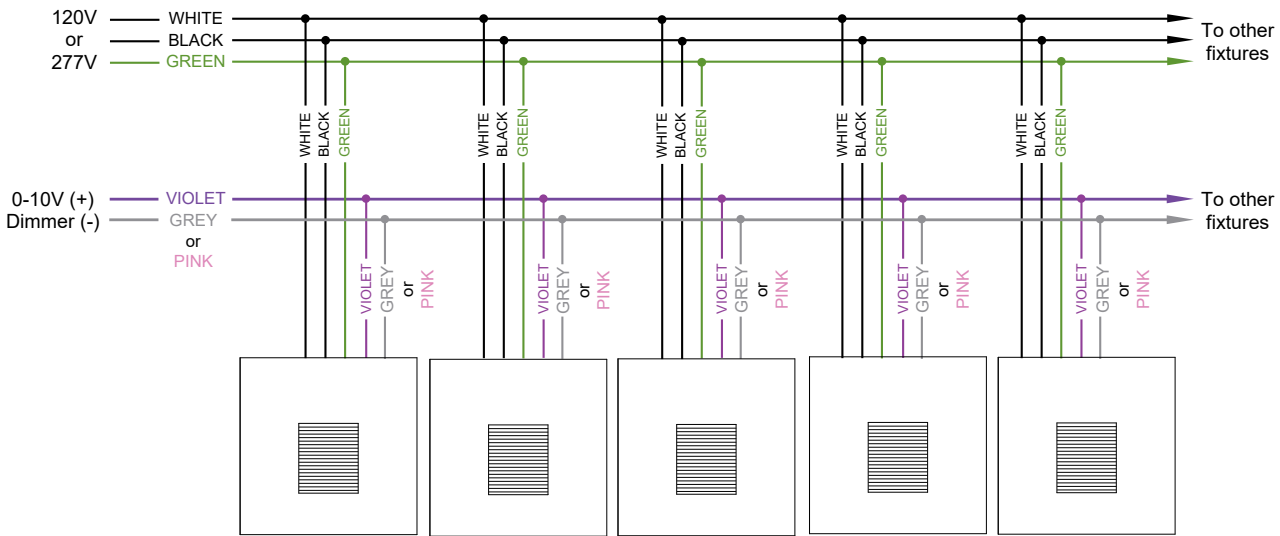
Do NOT connect line voltage to dimming input wires.

Connect WHITE wire to power NEUTRAL.

Connect BLACK wire to power HOT.

Connect VIOLET wire to POSITIVE INPUT of Dimming Control.

Connect GREY or PINK wire to NEGATIVE INPUT of Dimming Control.



Note: For NON-DIMMING installations, cap violet and grey or pink wires separately. Do not cap together.