HNLS13

Pathfinder Step Light 13

SPECIFICATIONS

Type:

Project:

HNLS13 9LONG INT

HNLS13 6LONG WL

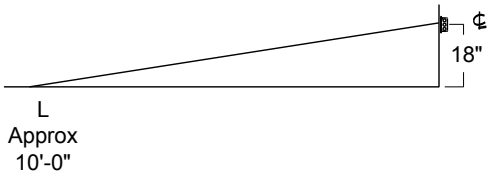
HNLS13 12LONG WL

HNLS13 3LONG INT

HIGHLIGHTS

- Rectangular metal faceplate with four aperture sizes
- Die cast reflector assembly with visible grooved surface painted matte black to reduce glare
- Six static white and six static color LED possibilities
- Interior version has hidden faceplate fasteners while exterior version has four visible 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

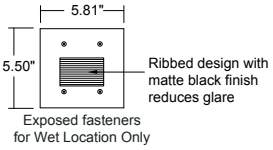
DISTRIBUTION



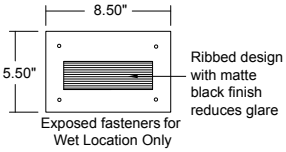
Typical Distribution Based on 30K

DIMENSIONS

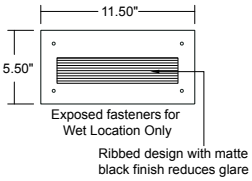
HNLS13 3LONG



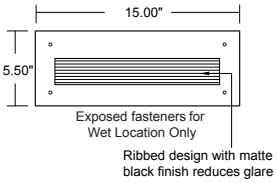
HNLS13 6LONG



HNLS13 9LONG



HNLS13 12LONG



LUMEN OUTPUT

** Performance data based upon 30K LED

Fixture	Distribution	Delivered Lumens	Input Watts	Lumens/Watt
HNLS13	3LONG	87	3	29
	6LONG	194	5	36
	9LONG	299	8	37
	12LONG	386	11	37

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CATALOG NUMBER

Example: HNLS13 12LONG MVOLT 35K ZT MIN5 WL BSS

Series	Size	Voltage	LED Color Temperature	Control Input	Minimum Dimming Level
HNLS13 Pathfinder Step Light 13	**12LONG** 12" Nominal Length **3LONG** 3" Nominal Length **6LONG** 6" Nominal Length **9LONG** 9" Nominal Length	**MVOLT** 120-277 Volt	**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%

Environment	Finish
INT Interior Location **WL** Wet Location	**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

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SPECIFICATIONS

Housing
Metal faceplate assembly with inner die-cast reflector housing.

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
HNLS13 3LONG: Designed to mount to a Steel City 72171 square junction box (by others) or equivalent.
HNLS13 6LONG: Designed to mount to a Steel City 4G4D multi-gang junction box (by others) or equivalent.
HNLS13 9LONG: Designed to mount to a Steel City H4BD multi-gang junction box (by others) or equivalent.
HNLS13 12LONG: Designed to mount to a Steel City H6BD multi-gang 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 or wet location, depending upon option selected. Wet location from front of faceplate only. Components on backside of faceplate/recessed into wall are dry location.

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

Government Procurement
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
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	0.963
30K	1.000
35K	1.218
40K	1.153
50K	1.208
64K	1.181

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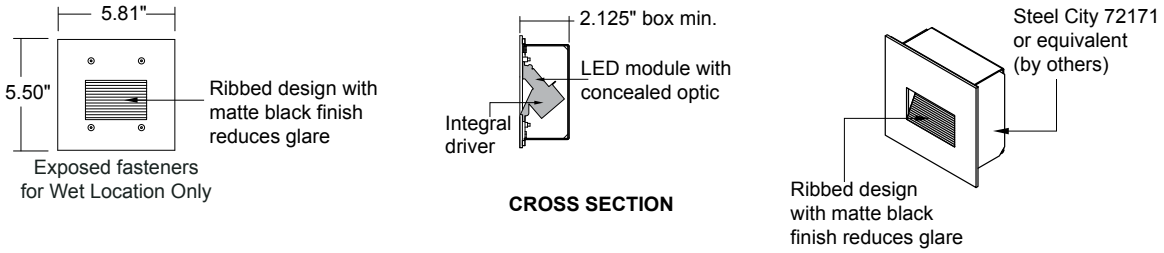
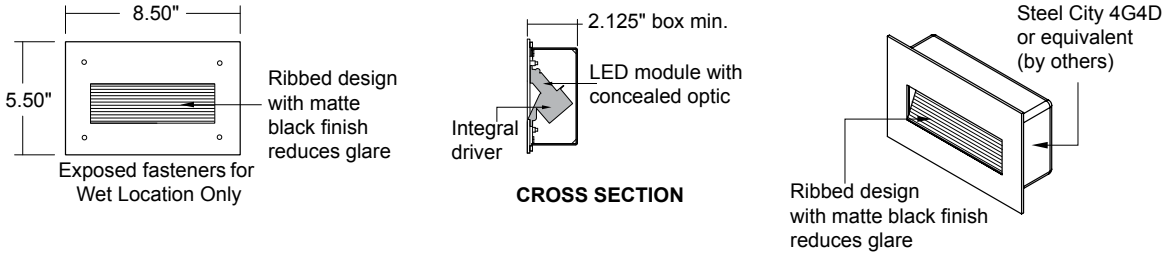
DIMENSIONS

HNLS13 3LONG



HNLS13 6LONG



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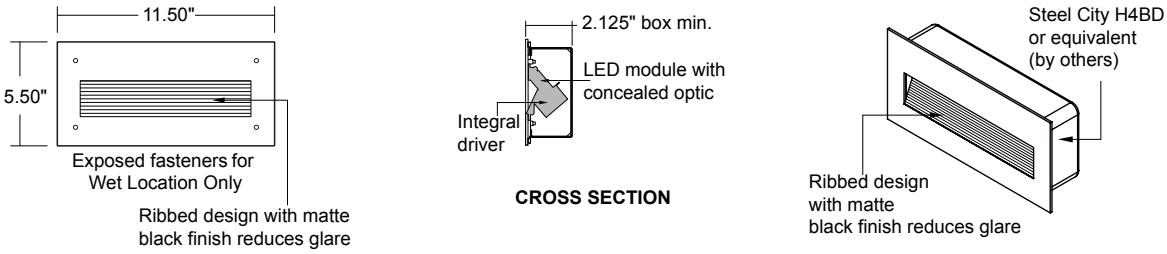
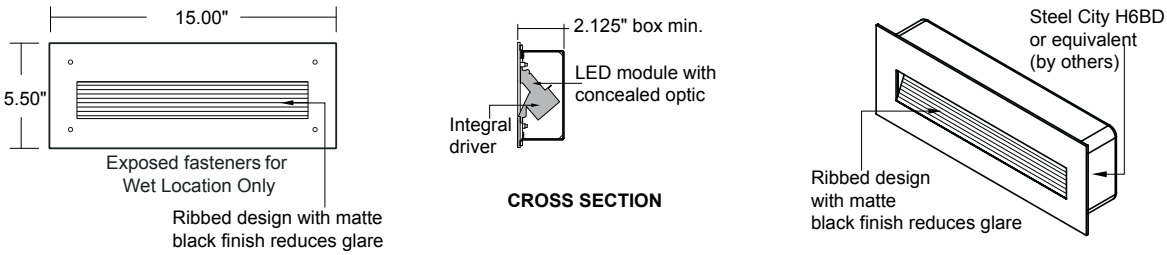


HNLS13 12LONG



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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.

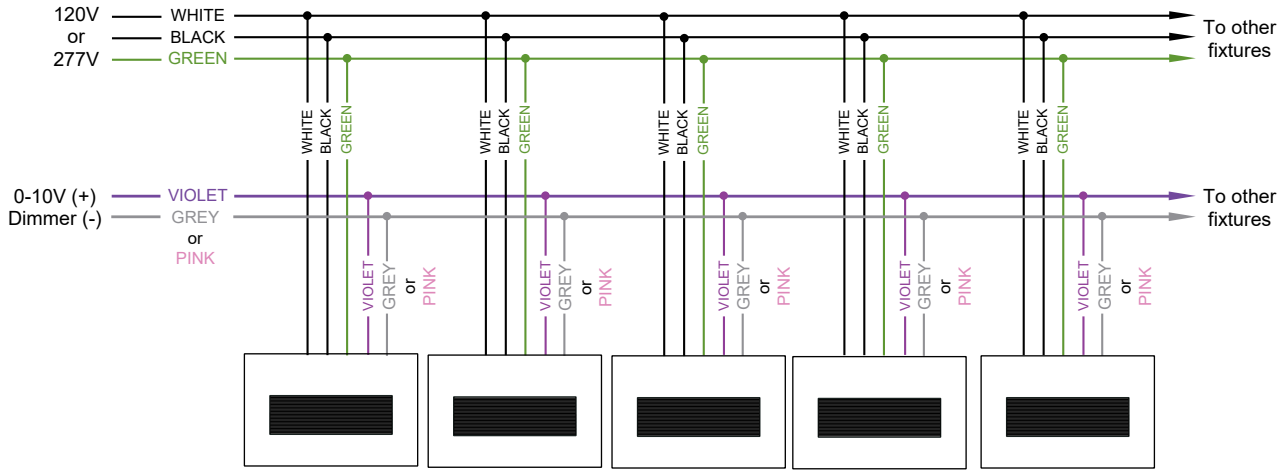
Do NOT connect line voltage to dimming input wires.

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.

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