

# HSL13

## Static White and Static Color

### Step Light 13

#### HIGHLIGHTS

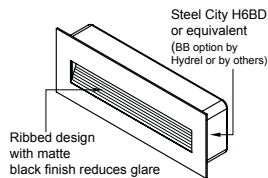
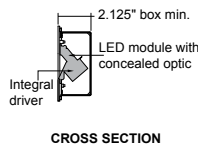
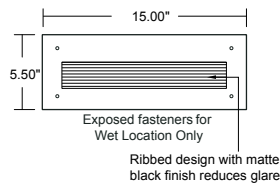
- Integral Driver
- Long throw distribution
- Standard 0-10V dimming option
- Die-cast housing with solid aluminum, brass, or stainless steel faceplate
- Wet location listed
- Back Box provided by Hydrel or by others
- Suitable for concrete pour if BB option is chosen or Steel City back box is used

**5**  
YEAR  
warranty

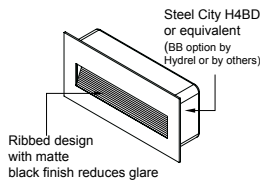
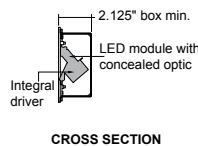
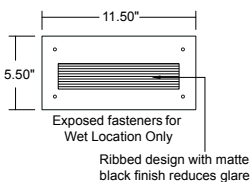


#### DIMENSIONS

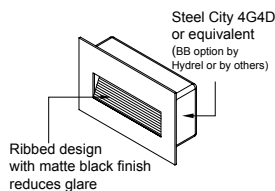
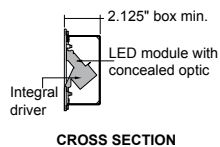
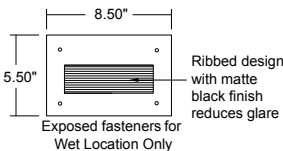
##### 12INCH



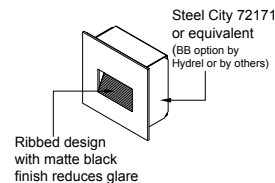
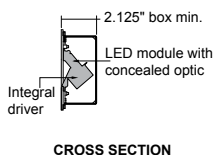
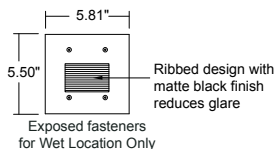
##### 9INCH



##### 6INCH



##### 3INCH



#### LUMEN PACKAGES

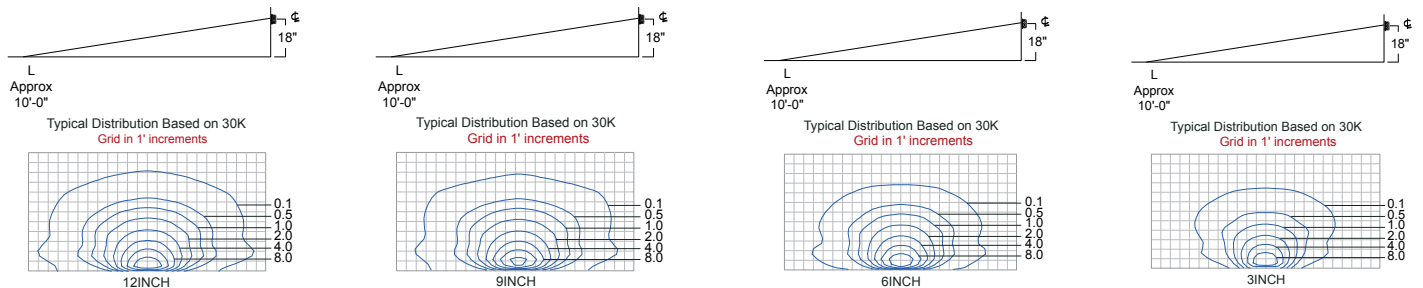
Distribution	Delivered Lumens	Input Watts	Lumens/Watt
3INCH	87	3	29
6INCH	194	5	36
9INCH	299	8	37
12INCH	386	11	37

Performance data based upon 30K LED 80CRI

**ORDERING INFORMATION**
**EXAMPLE: HSL13 3INCH LED 27K MVOLT L MIN5 BRB**

Series*	Length*	Source*	Color Temperature*	Voltage*	Distribution*
HSL13 Step Light 13	<b>3INCH</b> 3" Nominal Length	LED	<b>27K</b> 2700K	MVOLT Multi-Volt 120V thru 277V	L Long Throw
	<b>6INCH</b> 6" Nominal Length		<b>30K</b> 3000K		
	<b>9INCH</b> 9" Nominal Length		<b>35K</b> 3500K		
	<b>12INCH</b> 12" Nominal Length		<b>40K</b> 4000K		
			<b>50K</b> 5000K		
			<b>AMBLW</b> Amber Limited Wavelength 590nm		
			<b>BLU</b> Blue		
			<b>GRN</b> Green		
			<b>RED</b> Red		
			<b>CYN</b> Cyan		
			<b>RDO</b> Red-Orange		
Dimming <b>Optional</b>		OPTION	Finish*		
<b>MIN5</b> Dimming Driver	<b>BB</b> Back Box	<b>BRB</b> Brushed Brass	<b>BRB</b> Brushed Brass		
	Note: Include BB if you need a back box, otherwise back box is by others.	<b>BBP</b> Brushed Brass Paint	<b>BBP</b> Brushed Brass Paint		
	Note: Suitable for concrete pour if BB option is chosen or Steel City back box is used	<b>BRSS</b> Brushed Stainless Steel	<b>BRSS</b> Brushed Stainless Steel		
		<b>LBPS</b> Light Bronze Paint Smooth	<b>LBPS</b> Light Bronze Paint Smooth		
		<b>PBR</b> Polished Brass	<b>PBR</b> Polished Brass		
		<b>PSS</b> Polished Stainless Steel	<b>PSS</b> Polished Stainless Steel		
		<b>SGB</b> Semi Gloss Black	<b>SGB</b> Semi Gloss Black		
		<b>SGW</b> Semi Gloss White	<b>SGW</b> Semi Gloss White		
		<b>CF</b> Custom Finish	<b>CF</b> Custom Finish		
		<b>RALTBD</b> Ral Paint Finishes	<b>RALTBD</b> Ral Paint Finishes		
		Note: RALTBD for pricing only, replace with applicable RAL call out when ready to order. See the <a href="#">RALBROCHURE</a> for available options. It is recommended that Hydrel products only use textured paint.			

Note: \* is a required field

**PERFORMANCE DATA**


**Expected Life:** Static White LED: L70 @ 60,000 hours  
 Static Color LED: L70 @ 60,000 hours

**Lumen Multiplier Table for CCT**

CCT	Multiplier
27K	0.963
30K	1.000
35K	1.218
40K	1.153
50K	1.208
AMBLW	0.338
RED	0.409
GREEN	0.702
BLUE	0.364

## WIRING

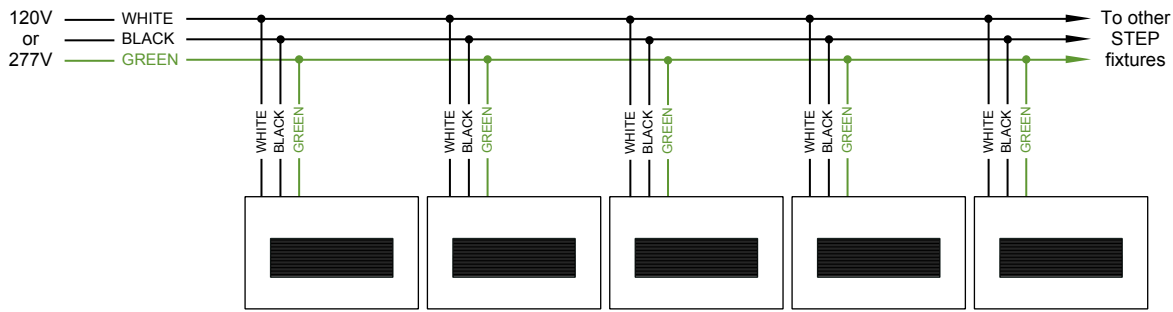
Read all instructions before installation. Do not make live connections!

### NON-DIMMING INSTALLATIONS (For non-dimming, cap off the grey and purple wires separately)

Connect STEP WHITE wire to power NEUTRAL.

Connect STEP BLACK wire to power HOT.

Connect STEP GREEN wire to power GROUND.



### DIMMING INSTALLATIONS

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.

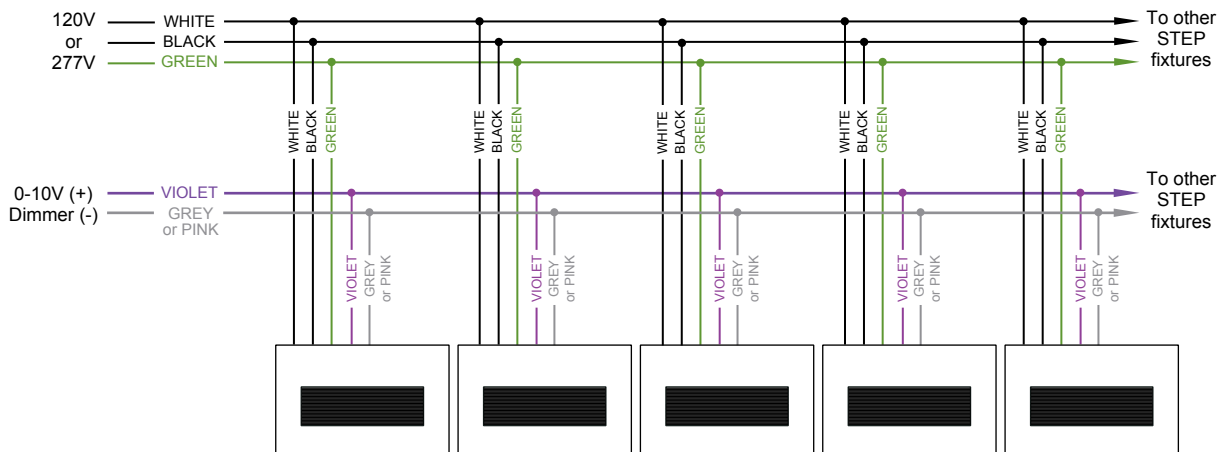
Do NOT connect line voltage to dimming input wires.

Connect STEP WHITE wire to power NEUTRAL.

Connect STEP BLACK wire to power HOT.

Connect STEP VIOLET wire to POSITIVE INPUT of Dimming Control.

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



---

## SPECIFICATIONS & FEATURES

---

### Construction

Die-cast housing with solid aluminum, brass, or stainless steel faceplate.

### Source

Light source consists of eight powerful LEDs available in five static white color temperatures/80CRI & six colored LED choices. All within a 3MacAdam ellipse

### Optics

A concealed optic provides a long light distribution for illumination of large areas.

### Electrical

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.

### Mounting

HSL13 3LONG: Designed to mount to a Steel City 72171 square junction box (BB option from Hydrel or by others) or equivalent.  
HSL13 6LONG: Designed to mount to a Steel City 4G4D multi-gang junction box (BB option from Hydrel or by others) or equivalent.  
HSL13 9LONG: Designed to mount to a Steel City H4BD multi-gang junction box (BB option from Hydrel or by others) or equivalent.  
HSL13 12LONG: Designed to mount to a Steel City H6BD multi-gang junction box (BB option from Hydrel or by others) or equivalent.

### Lens

Extruded clear acrylic optic lens concealed in reflector housing

### Circuiting

Single circuit

### Environment

Wet location.

### 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](http://www.acuitybrands.com/resources/buy-american) for additional information.

### Listing

c UL us (for the North American Market, US & Canada)

### Finish

Recessed surfaces have a ribbed design with matte black finish to reduce glare. Faceplates are available in four metal finishes with protective clear coat or one of four polyester powder coat painted finishes.

### Warranty

5-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](http://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.