



HYDREL HSL11 Static White and Static Color Instruction Manual

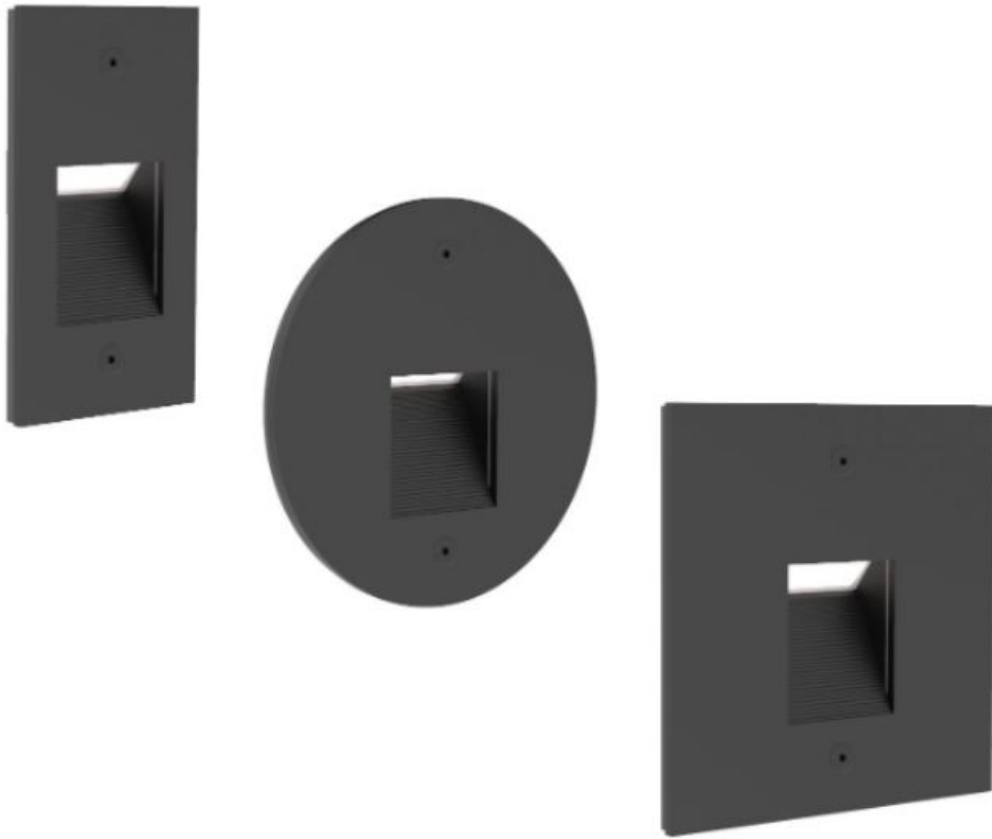
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HYDREL HSL11 Static White and Static Color



Product Information

HSL11 Step Light

The HSL11 Step Light is a static white and static color step light with a ribbed design and matte black finish to reduce glare. It has an integral driver and an LED module with concealed optic. The light comes in three shapes: rectangle, round, and square. The dimensions of the rectangle shape are 4.60 x 2.50 inches, while the round and square shapes are 4.60 x 4.60 inches. The light is compatible with Steel City 'CX' series or equivalent back boxes (by others) and is suitable for concrete pour if the back box option is chosen or if Steel City back box is used. The HSL11 Step Light has three lumen packages: short (36 delivered lumens, 12 lumens/watt), medium (42 delivered lumens, 14 lumens/watt), and long (54 delivered lumens, 18 lumens/watt). The performance data is based upon 30K LED 80CRI.

The light is available in different ordering configurations, including shape (rectangle, round, or square), LED color temperature (2700K, 3000K, 3500K, 4000K, or 5000K), voltage (multi-volt 120V thru 277V), distribution (short, medium, or long throw), dimming optional (MIN5 dimming driver), and finish (brushed brass, brushed brass paint, brushed stainless steel, light bronze paint smooth, polished brass, polished stainless steel, semi-gloss black, semi-gloss white, custom finish, or RAL paint finishes).

Product Usage Instructions

Wiring and Dimming

Before installation, read all instructions carefully and do not make live connections. The HSL11 Step Light requires a 0-10V fluorescent-type dimming control for dimming installations. For non-dimming installations, cap off the grey and purple wires separately. To wire the light for non-dimming installations, connect the STEP WHITE wire to power NEUTRAL, the STEP BLACK wire to power HOT, and the STEP GREEN wire to power GROUND. The light is compatible with 120V or 277V power supply.

HIGHLIGHTS

- Integral Driver
- Short, Medium, and Long throw distributions
- 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

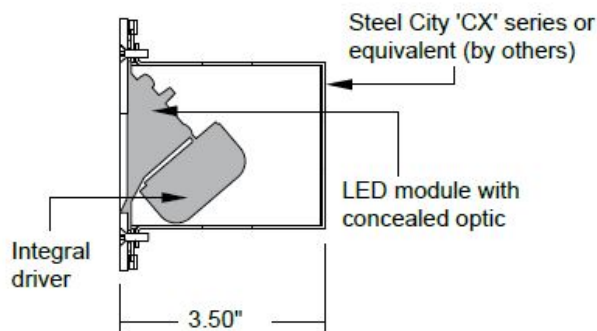
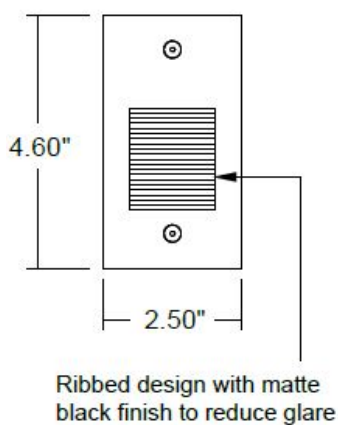
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YEAR
warranty



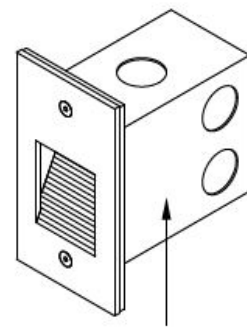
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DIMENSIONS

RECTANGLE

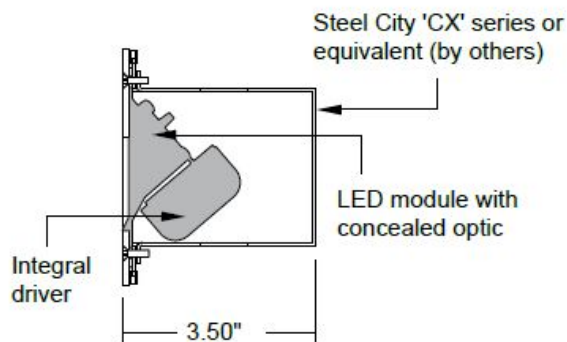
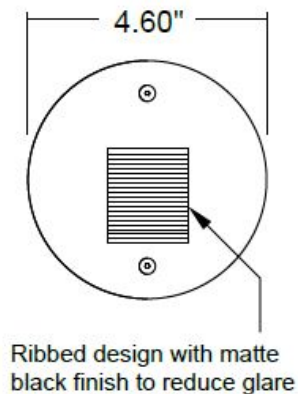


CROSS SECTION

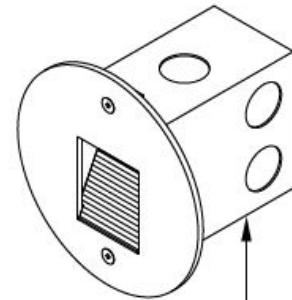


Steel City 'CX' series or equivalent (BB option by Hydrel or by others)

ROUND

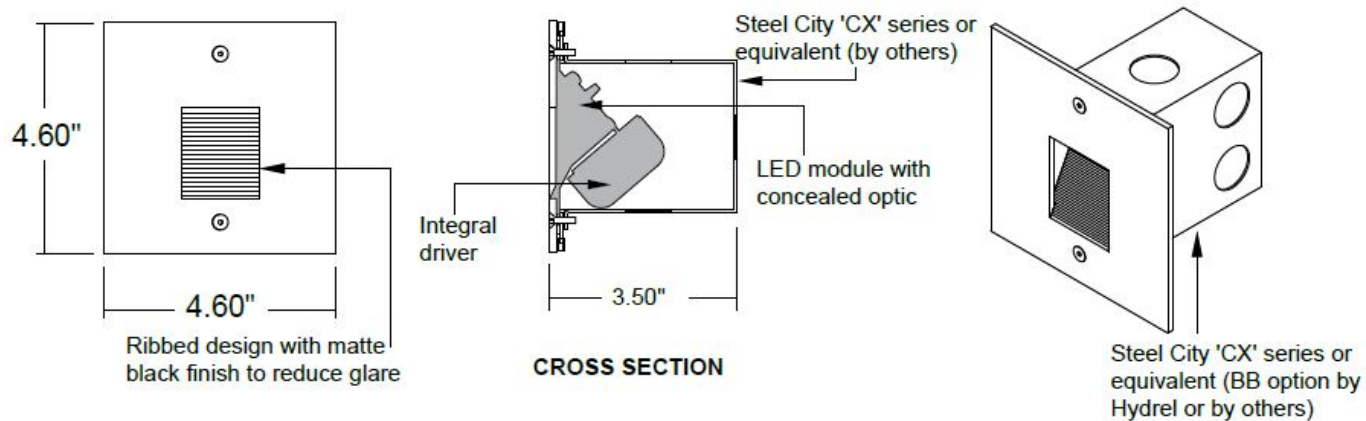


CROSS SECTION



Steel City 'CX' series or equivalent (BB option by Hydrel or by others)

SQUARE



LUMEN PACKAGES

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

- Performance data based upon 30K LED 80CRI.

ORDERING INFORMATION

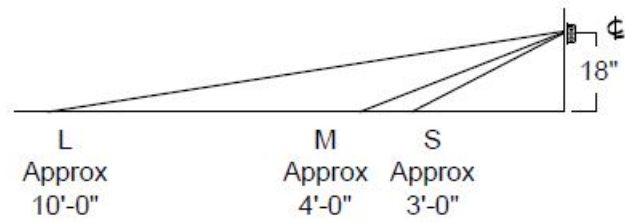
EXAMPLE: HSL11 SQ LED 27K MVOLT L MIN5 BRB

Series* oltage*	Shape* Distribution*	Source*	Color Temperature*	V
HSL11 Step Light 11	RECT Rectangle RD Round R SQ Square S	LED 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	AMBLW Amber Limited Wavelength 590 nm BLU Blue GRN Green RED Red CYN Cyan RDO Red-Orange	MVOLT Multi-Volt 120V thru 277V L Long Throw M Medium Throw S Short Throw

Dimmin g	Optional	OPTION	Finish*
MIN5	Dimming Driver	BB Back Box	BRB Brushed Brass
		Note Include BB if you need a back box, otherwise back box is by others.	BBP Brushed Brass Paint BRSS Brushed Stainless Steel LBPS Light Bronze Paint Smooth
			PBR Polished Brass
		Note Suitable for concrete pour if BB option is chosen or Steel City back box is used	PSS Polished Stainless Steel SGB Semi Gloss Black SGW Semi Gloss White
			CF Custom Finish
			RALTBD Ral Paint Finishes
			Note: RALTBD for pricing only, replace with applicable RAL call out when ready to order. See the R ALBROCHURE for available options. It is recommended that Hydrel products only use textured paint.

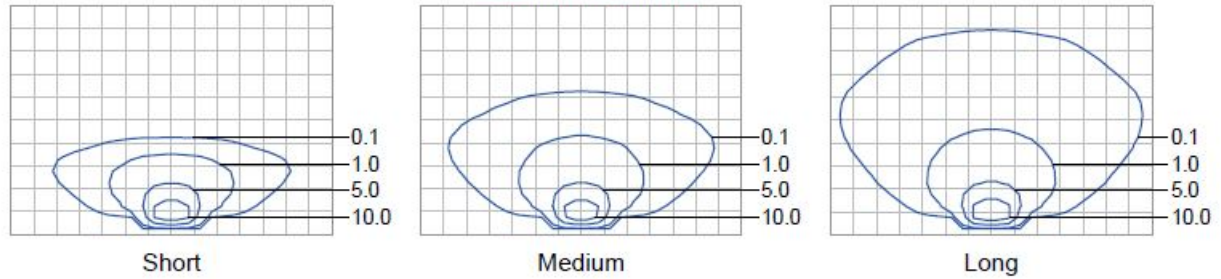
Note: is a required field.

PERFORMANCE DATA



Typical Distribution Based on 30K

Grid in 1' increments



- **Expected Life:** Static White LED: L70 @ 60,000 hours
 - **Static Color LED:** L70 @ 60,000 hours
- **OPERATING TEMPERATURE:** -40°C through 45°C

Lumen Multiplier Table for CCT

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

BUG RATING CHART

SERIES	CCT	Distribution	BUG Rating
HSL11	30K	S Short Throw	B0U0G0

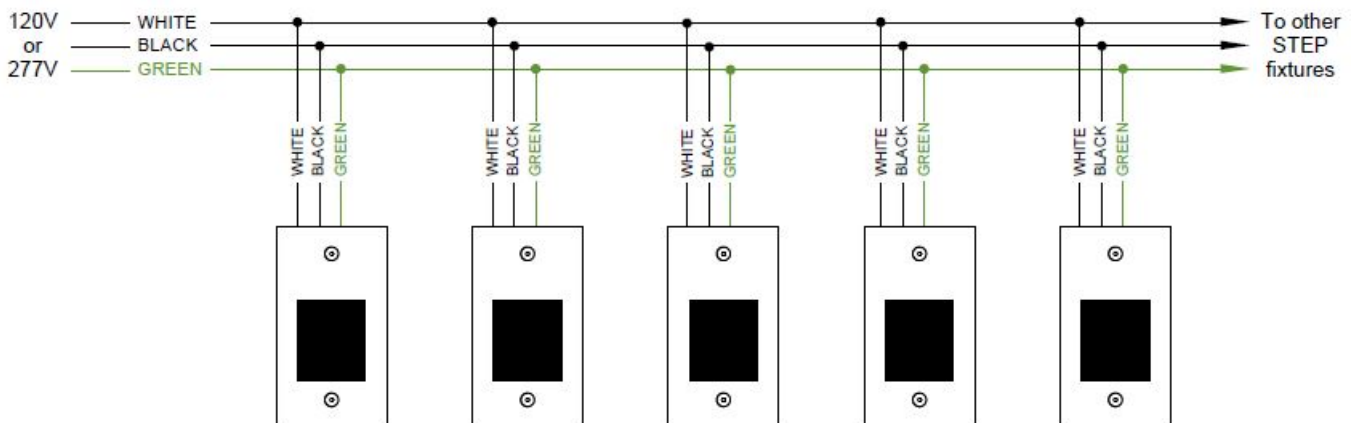
Note: For full report see IES file.

WIRING & DIMMING

POWER SUPPLY / DIMMING

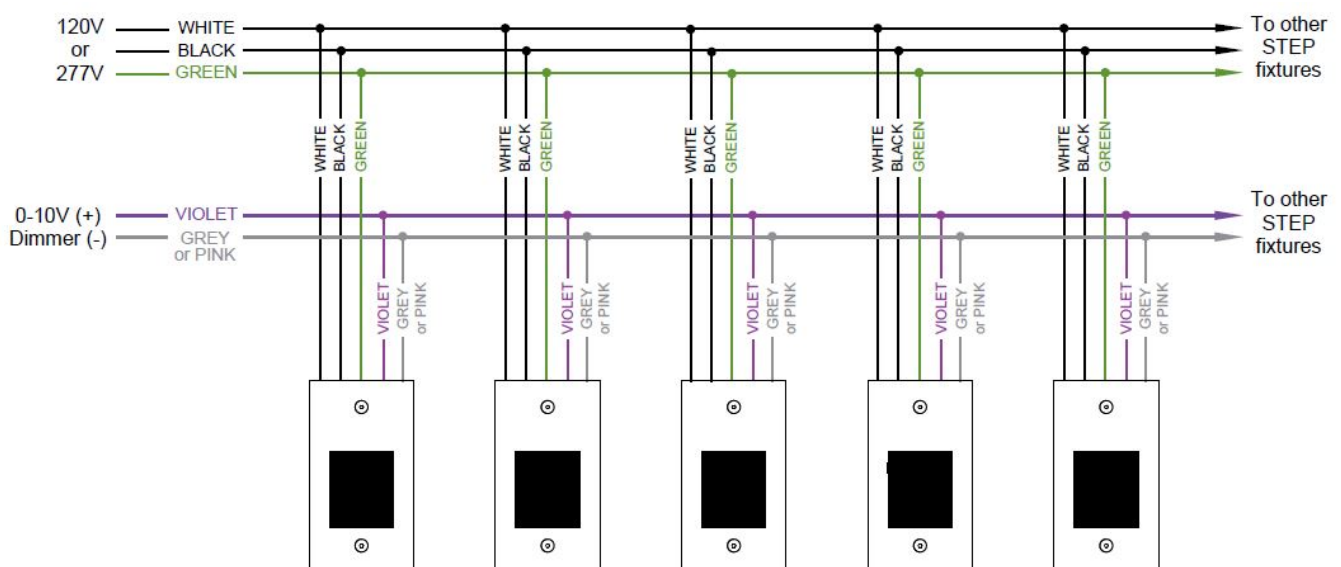
- Dimming drivers require a 0-10V fluorescent-type dimming control.
- Read all instructions before installation. Do not make live connections!

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. Two visible fasteners.

Source

- Light source is a single powerful LED available in five static white color temperatures/80CRI & six colored LED choices. All within 3MacAdam ellipse

Optics

- Concealed optic is available in three light distribution patterns. Short for narrow corridors, Medium for wide corridors, and Long for large area illumination.

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

- Fixture designed to mount to a Steel City CX single gang deep 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.

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

Listing

- ETL / cETL

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

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.

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Contact

- One Lithonia Way Conyers GA 30012
- **Phone:** 800-705-SERV (7378)
- www.hydrel.com

Documents / Resources

	<p>HYDREL HSL11 Static White and Static Color [pdf] Instruction Manual HSL11, HSL11 Static White and Static Color, Static White and Static Color, White and Static Color, Static Color</p>
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References

- [Acuity Brands | Lighting, Controls, and Building Management Solutions](#)
- [Terms and Conditions and Warranties | Acuity Brands](#)
- [Hydrel | Architectural Outdoor Lighting | Acuity Brands](#)