

**Date:** \_\_\_\_\_

**Type:** \_\_\_\_\_

**Luminaire:** \_\_\_\_\_

**Project:** \_\_\_\_\_

**Approved:**

## FCSL2040



**FCSL2040** 13" exterior die-cast aluminum step light with heavy walled die-cast faceplate, for masonry or drywall construction. IP68 rated for damp, dry or wet locations. Up to 128 lumens per Watt.



### SPECIFICATIONS

#### PHYSICAL

<b>dimensions</b>	13" W x 4.5" H x 3.9" D
<b>weight</b>	5 lbs
<b>housing</b>	Marine grade, corrosion resistant, heavy walled, high pressure, die-cast aluminum with snap-in Screwless faceplate standard. Optional captive recessed stainless steel tamper resistant screws (TRS option). Back Box is high strength, black Polycarbonate with UV protection (UL 746C rated f1) and flame rated (UL94 5VA).
<b>lens</b>	Clear, low iron tempered glass lens. Diffused internal reflector
<b>mounting</b>	Concrete pour, masonry, solid composite, special construction, and drywall construction mounting kit included. Hanger bar mounting optional.
<b>ingress protection</b>	Optical / driver unit is IP68 rated dry, damp or wet locations. All seals are injection molded silicone.
<b>faceplate finish</b>	Die cast aluminum faceplate. Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm minimum thickness, 5,000 hour salt spray test (ASTM B117) compliant with Florida, AAMA 2604 specification.

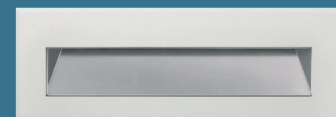
#### PERFORMANCE

<b>color</b>	2700K, 3000K, 3500K, 4000K, 5000K, Amber, Red, Blue
<b>lifetime</b>	L70 > 70,000 hours
<b>color consistency</b>	3 SDCM, 85 CRI (White Light)
<b>operating temperature</b>	-13°F to 104°F (-30°C to 40°C)
<b>warranty</b>	5-Year limited warranty

#### ELECTRICAL

<b>input voltage</b>	Universal 120 - 277 VAC
<b>power supply</b>	Integral, electronic high-power factor > 94% @ 120V, THD of ≤ 20%
<b>standards</b>	cETLus
<b>power consumption</b>	14W (1037 lm), 6W (785 lm), 4W (466 lm)
<b>dimming</b>	optional: TRIAC dimming (120V only), 0-10V dimming (1% minimum)

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## Ordering Information

PART NUMBER										
FCSL2040										
MODEL	VOLTAGE		CCT		CRI		LUMENS		FINISH	OPTIONS
FCSL2040	UNV	120 - 277 VAC	<b>White Light</b>		CRI85 <sup>2</sup> 85 CRI		5L <sup>2</sup> 466 lm (4W)	BKE	Black	LD <sup>2</sup> 0-10V Dimming - 1% minimum
		120V <sup>1</sup> 120 VAC	27K 2700K	<b>Mono Color</b>		8L <sup>2</sup> 785 lm (6W)	BRE	Bronze	ET TRIAC Dimming (120V only)	
			3K 3000K	AMB	Amber >560nm (14W)	10L <sup>2</sup> 1037 lm (14W)	GRE	Graphite Grey	TRS Tamper Resistant Screws (Torx Pin)	
			35K 3500K	RED	Red (14W)		SLE	Silver	HB* Hanger Bar (Drywall Mounting)	
			4K 4000K	BLU	Blue (14W)		WHE	White	LBB <sup>3</sup> Less Back Box - for shipment separate of Back Box	
		5K 5000K				CCE	Custom Color			

Footnote:

<sup>1</sup> For ET option.

<sup>2</sup> For White Light. Does not apply to Mono Color.

<sup>3</sup> Luminaire must be mounted into FC Lighting supplied Back Box shipped with or separate of luminaire.

\* Cannot be ordered with LBB option. To purchase with separate backbox (shipped in advance of luminaire), please purchase A2000-BB-ETL-HB instead.

### BACK BOX KITS

**A2000-BB-ETL** Back Box Kit - Complete Back Box shipped with mounting kit, shipped in advance of luminaire.

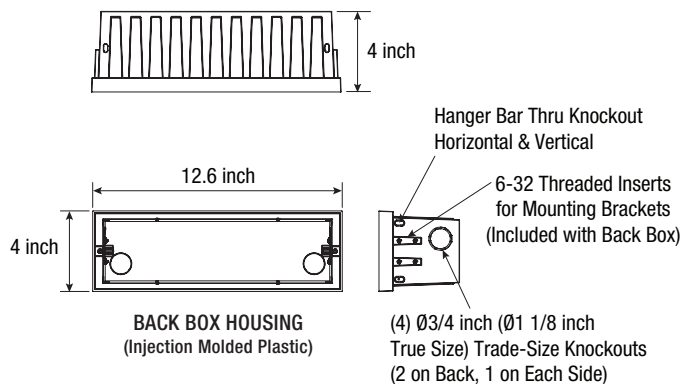
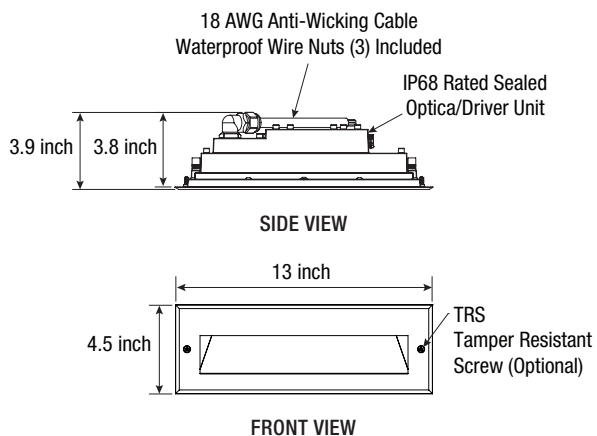
**A2000-BB-ETL-HB** Back Box Kit w/ Hanger Bar - Includes (#A2000-BB-ETL) Complete Back Box shipped with mounting kit and Hanger Bar (**HB**), shipped in advance of luminaire.

### PRODUCT DIMENSIONS

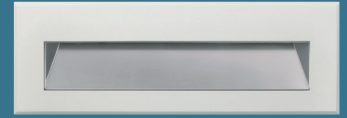
width	13" W
height	4.5" H
depth	3.9" D

### MOUNTING

back box width	12.6" W
back box height	4" H
back box depth	4" D



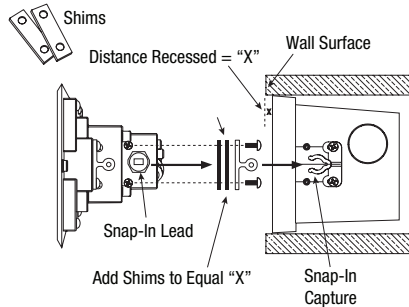
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# Back Box Assemblies and Options

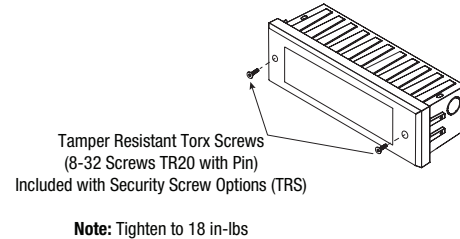
## SHIMS - (8 each) Included with Luminaire

Shims provided to compensate for Back Box misalignment

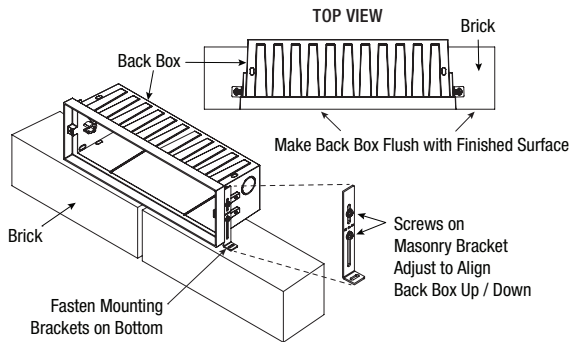


## OPTIONAL — Tamper Resistant Screws (TRS)

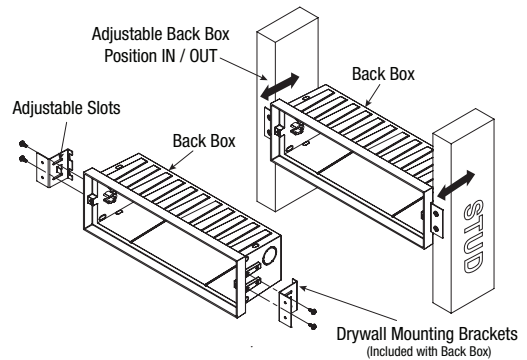
Torx screws with pin, finished to compliment faceplate finish



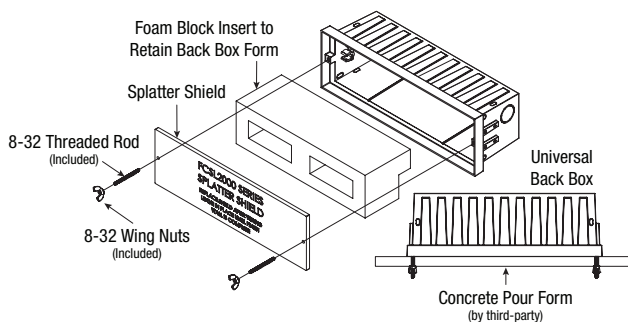
## MASONRY BRACKETS — Included with Black Box Kit



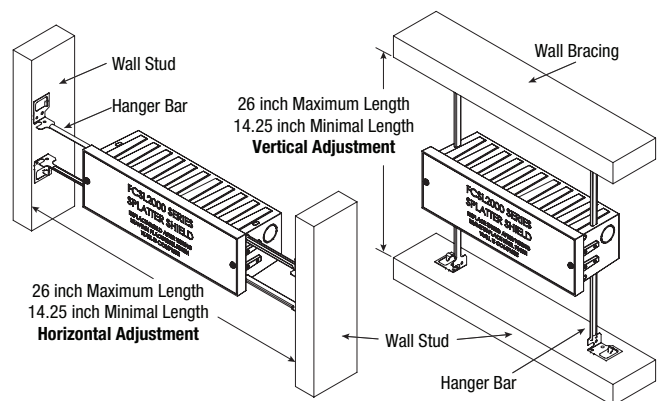
## DRYWALL BRACKETS — Included with Black Box Kit



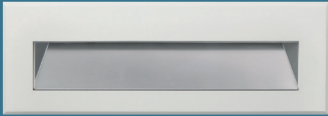
## CONCRETE POUR SETUP — Included with Black Box Kit



## OPTIONAL — Hanger Bars (HB)



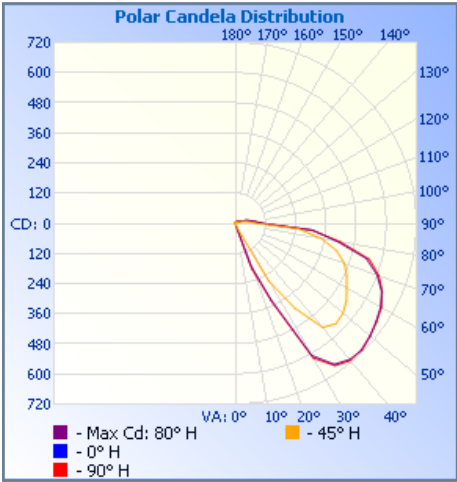
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# Photometry

## OPTICAL DISTRIBUTION

<b>lumen output</b>	1037 lm	785 lm	466 lm
<b>power consumption</b>	14W	6W	4W



**iti illuminations testing laboratory :**  
 Report #3751, #3752, #3753

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