

Unique lighting system for wall recessed lighting in exterior applications. The system consists of a series of concrete forming boxes designed to create a cavity in the wall during the concrete forming process. The resulting void in the wall houses the LED light module, which is concealed from view. Designed for low mounting heights with downward asymmetric light distribution. Low luminance with light source recessed inside the luminaire and shielded from all viewing angles

Luminaire characteristic: Power input system: 4W to 28W
Power input source: 2.5W to 19.8W
Lumens system for 3000K, 80CRI: 266lm to 2077lm
Luminaire efficacy for 3000K, 80CRI : 74lm/W

Source: WHITE LED module (LM-80 tested)
2700K: 80CRI,
3000K: 80CRI,
4000K: 80CRI.

Lumen maintenance: 80% of initial lumens at 70 000 hours (L80 B10)
Ta 77° (25°)
80% of initial lumens at 50 000 hours (L80 B10)
Ta 104° (40°)

Optic: Downward asymmetric

Material: Body: Extruded aluminum
Diffuser: Toughtened glass
Recessed housing: Aluminum

Mounting: Wall recessed cast in concrete. Supplied with a two part housing installation kit, anchor screws, bolts, locking system and adhesive template to ensure perfect alignment when installing. Connections to be done inside the back box.

Electrical: See remote LED driver options on page 3.

Finish: Concrete

Weight: 4.14 lb (1,88 kg) to 17.6 lb (7.98 kg)

Warranty: 5 year limited warranty

Rating: IP65, IK10

Certification:  cULus listed for wet location

ORDERING INFO

SGHO - - - REM - 35
FIXTURE

BACK BOX



MODEL

- L10** - LINEAR 10" (240mm) **L17** - LINEAR 17" (430mm) **L32** - LINEAR 32" (810mm) **L62** - LINEAR 62" (1570mm)

LED

- 827** - 2700K, 80 CRI **830** - 3000K, 80 CRI **840** - 4000K, 80 CRI

VOLTAGE

- REM** - 24V remote power supply

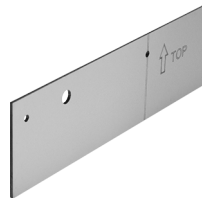
FINISH

- 35** - Concrete

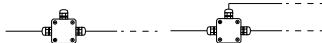
ACCESSORY (TO BE ORDERED SEPARATELY)

*Not required for every installation. Suggested for large installation.
Each fixture is supplied with adhesive paper jig.

- SC8033** - Drilling jig for SGHO-L10
 SC8035 - Drilling jig for SGHO-L17
 SC8037 - Drilling jig for SGHO-L32
 SC8039 - Drilling jig for SGHO-L62



- 4543** - Wet location junction box



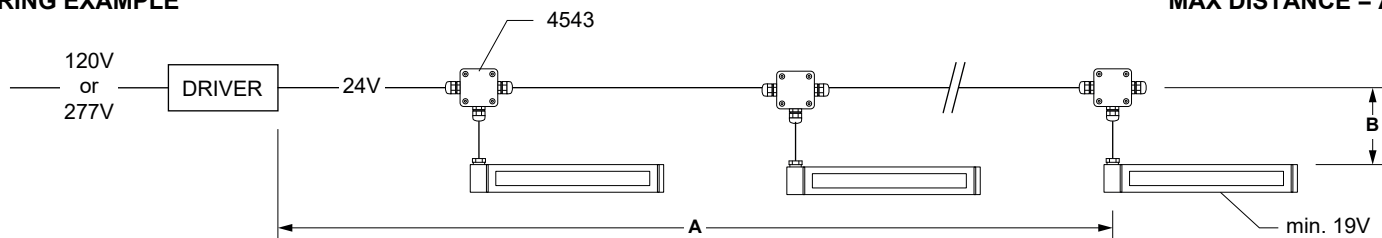
REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)

Wattage requirement 0.30W / in or 3.6W / ft					
Watts	Voltage	Dimming protocol	Dimming range	Dimension	Max distance**
Indoor rating					
<input type="checkbox"/> 4449-0024-060-UNV-ND					
60	120-277V	None	None	12" x 8" x 4" (304 x 203 x 101mm)	30ft (9m)
<input type="checkbox"/> 4449-0024-060-UNV-D10					
60	120-277V	0-10V	Down to ±10%	12" x 8" x 4" (304 x 203 x 101mm)	30ft (9m)
<input type="checkbox"/> 4449-0024-075-UNV-D10					
75	120-277V	0-10V	Down to ±10%	12" x 8" x 4" (304 x 203 x 101mm)	30ft (9m)
<input type="checkbox"/> 4449-0024-100-UNV-D10					
100	120-277V	0-10V	Down to ±10%	12" x 8" x 4" (304 x 203 x 101mm)	14ft (4m)
Outdoor rating					
<input type="checkbox"/> 4549-0024-060-UNV-ND					
60	120-277V	None	None	14.5" x 5" x 3.5" (368 x 127 x 89mm)	30ft (9m)
<input type="checkbox"/> 4546-0024-200-2C-UNV-ND					
200	120-277V	None	None	12.5" x 4.5" x 2.5" (317 x 114 x 63mm)	28ft (8.5m) per channel
<input type="checkbox"/> 4551-0024-080-120-LTE					
80	120V	Leading and trailing edge (ELV and TRIAC)	Down to ±15%	14.5" x 5" x 2" (368 x 127 x 51mm)	30ft (9m)
<input type="checkbox"/> 4549-0024-060-UNV-D10					
60	120-277V	0-10V	Down to ±10%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	30ft (9m)
<input type="checkbox"/> 4549-0024-075-UNV-D10					
75	120-277V	0-10V	Down to ±10%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	30ft (9m)
<input type="checkbox"/> 4549-0024-100-UNV-D10					
100	120-277V	0-10V	Down to ±10%	14.5" x 5" x 3.5" (368 x 127 x 89mm)	14ft (4m)

** Calculated for 16AWG cable. Contact factory for longer remote distance.

WIRING EXAMPLE

MAX DISTANCE = A+B



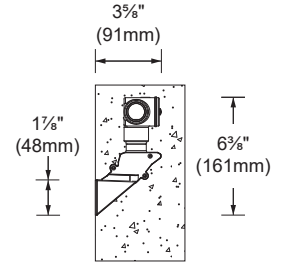
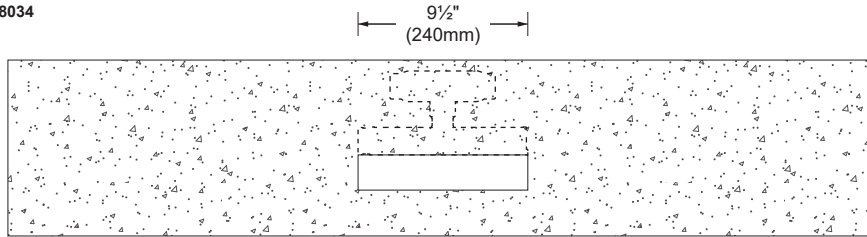
DIMENSIONS

FRONT VIEW

SIDE VIEW

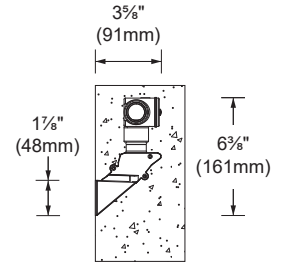
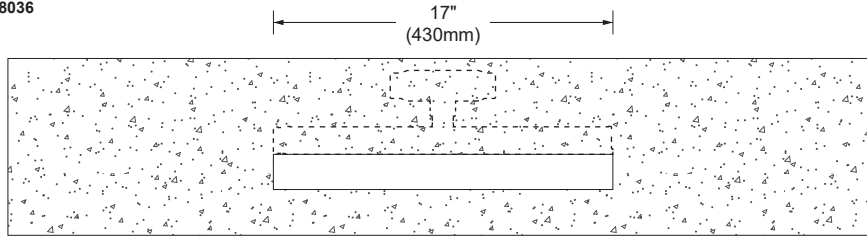
LINEAR 10"

Complete with backbox: **SCASSC8034**



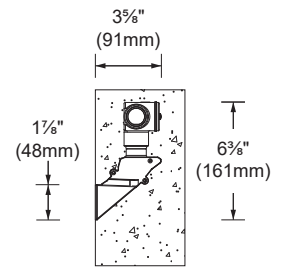
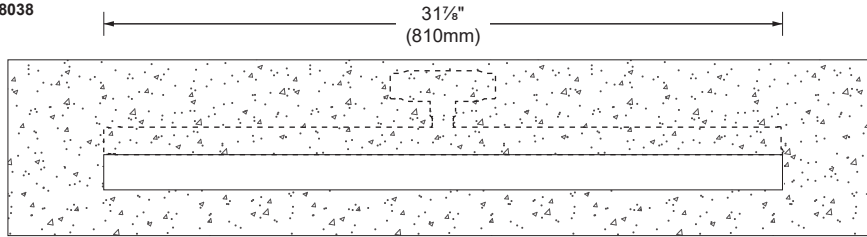
LINEAR 17"

Complete with backbox: **SCASSC8036**



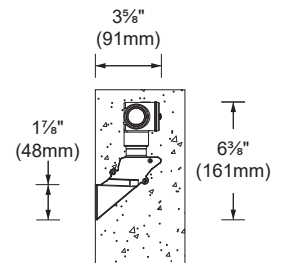
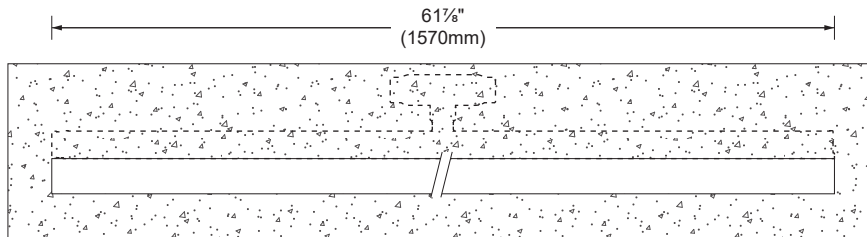
LINEAR 32"

Complete with backbox: **SCASSC8038**



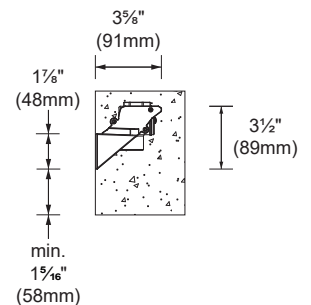
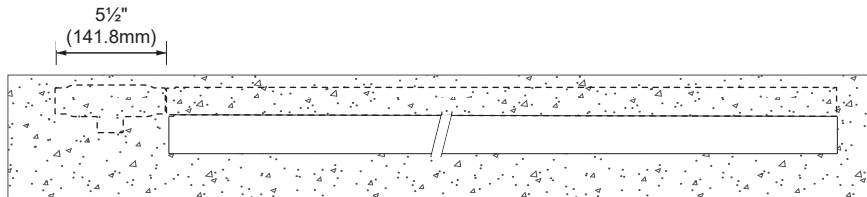
LINEAR 62"

Complete with backbox: **SCASSC8040**



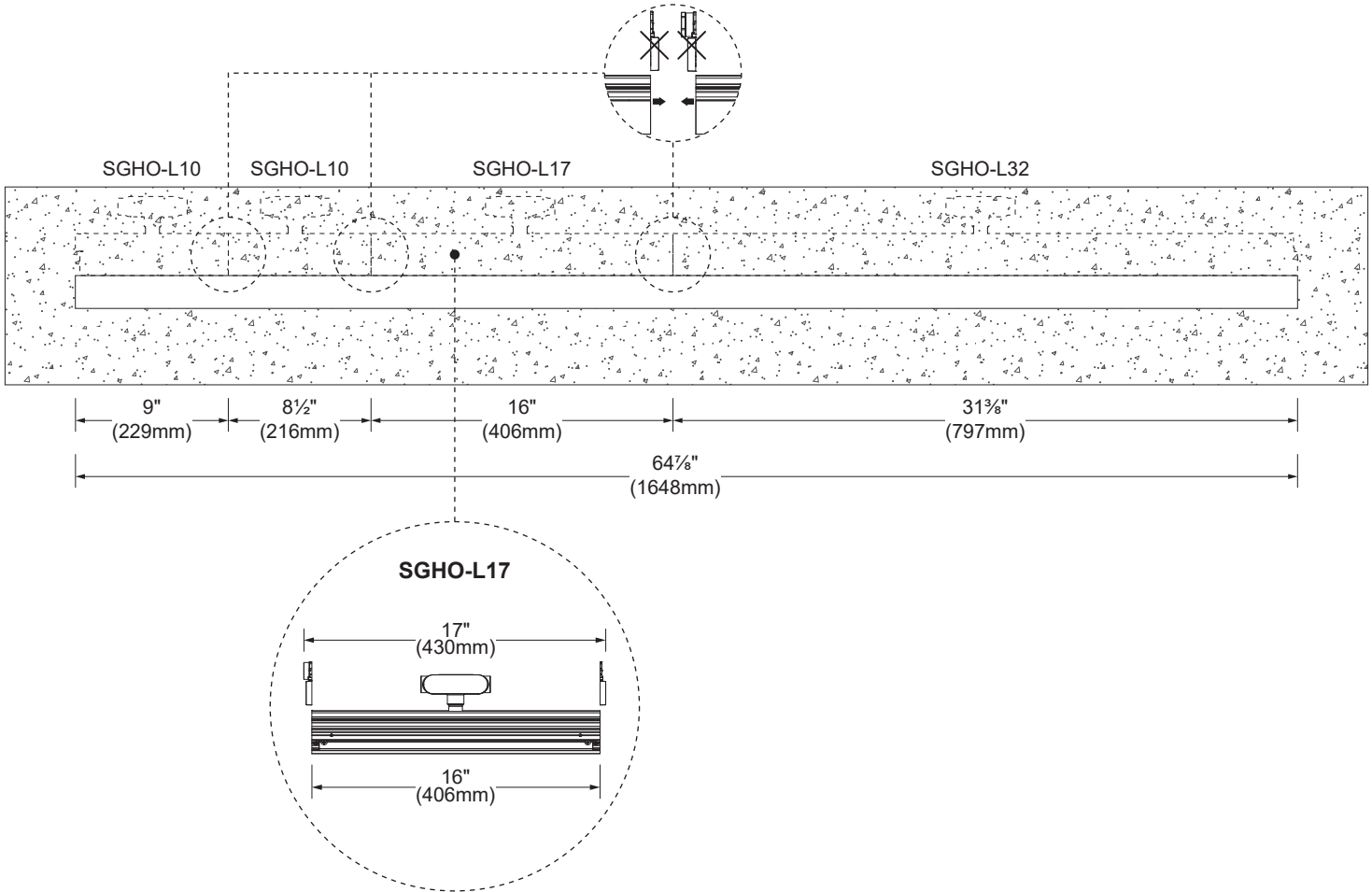
LINEAR FOR STAIR RISER

The dimension at the pull box is the same for all size.



CONTINUOUS ROW EXAMPLE

The single units can be combined to obtain continuous rows.
This type of installation requires the removal of either one or both back box end caps.
This modification will reduce the fixture size by 1/2" for the end unit and 1" for the middle unit.
*Refer to the instruction sheet for all details.

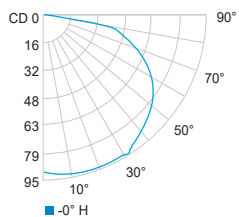


PHOTOMETRIC DATA

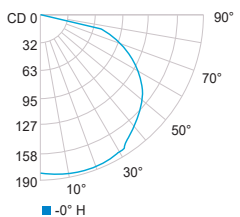
Visit sistimalux.com for complete photometric data.

CCT (K)	CRI	OPTIC	LOAD (W)	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODEL
3000K	80	Asymmetric	4W	266	66	91	SGHO-L10-830
			7.5W	532	71	185	SGHO-L17-830
			14W	1046	74	382	SGHO-L32-830
			28W	2 081	74	719	SGHO-L62-830

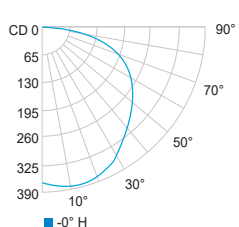
Asymmetric L10 (3000K, 80 CRI)



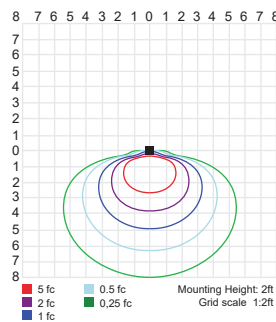
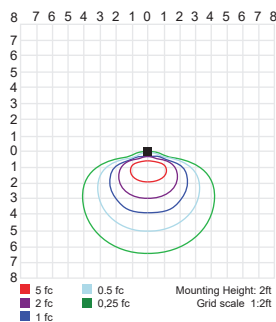
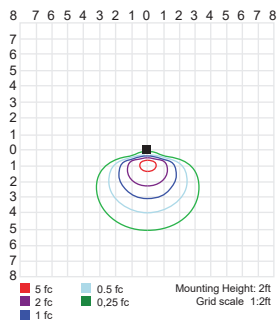
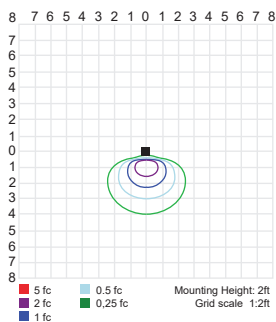
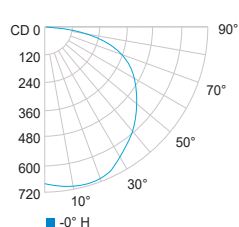
Asymmetric L17 (3000K, 80 CRI)



Asymmetric L32 (3000K, 80 CRI)



Asymmetric L62 (3000K, 80 CRI)



CCT options	2700K 80CRI	3000K 80CRI	4000K 80CRI
Multiplier	0.92	1	1.08