

Delivered Lumens:
3585 - 6327 lm

Input Wattage:
30W & 50W

Efficacy:
Up to 127 lm/W

Colour Temperatures:
3500K, 4000K & 5000K

**Projected Lumen
Maintenance:**
L₇₀ @ 60,000 hrs.

Surface and chain mount
standard, 5 different mounting
options available



The UV stabilized polycarbonate
diffuser eliminates glare and provides
even light distribution



The **SCALA LED** is corrosion,
flame and vandal resistant

SCALA LED incorporates **Smart Technology** in
bi-level dimming, occupancy sensor, and optional
emergency backup for a complete system meeting
stairwell lighting requirements

The **SCALA LED** is ideal for low occupancy areas such
as stairwells, restrooms, corridors, laundry rooms,
storage facilities and parking structures

Configurations

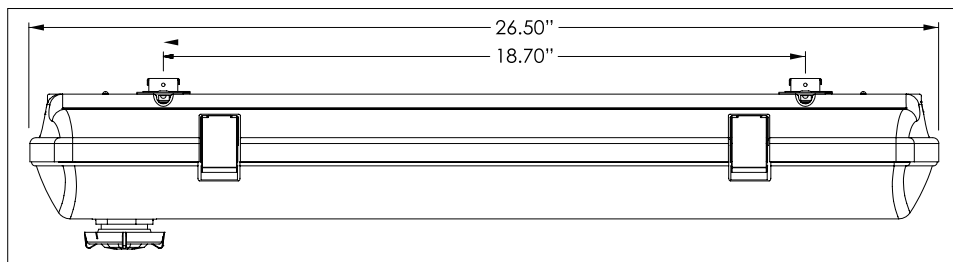
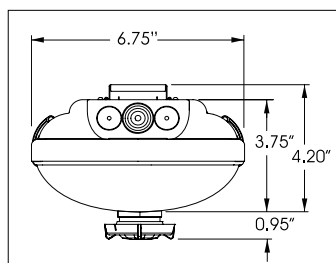
MODEL	LENGTH	OPERATION	POWER	COLOUR TEMP	INPUT	MOUNTING (SURFACE & CHAIN MOUNT STANDARD)	OPTIONS
SCA	2 (2 ft)	HT (AC)	LO (3796 lm)	WT35 (3500K)	120-277V	AC ² (aircraft cable)	SS (stainless steel clips)
		SA ¹ (AC & Emergency)	HO (6327 lm)	WT40 (4000K)	347V	PM ³ (pivot mount 45°)	FP ¹ (3A fuse protection)
				WT50 (5000K)		JM (junction mount)	TPS (tamper proof screws)
							HHR ⁴ (sensor remote)
							SP (10kA surge protection)

NOTE¹: SA and FP are not available in 347V; **NOTE²:** specify length for AC: 50", 72", 100", 150", 200" fully adjustable; **NOTE³:** when wall mounting, damp location only; **NOTE⁴:** for 120-277V only. Sold separately, order as needed.

Scala Accessories

MODEL	DESCRIPTION
50001053	aircraft cable 50"
50001054	aircraft cable 72"
50001055	aircraft cable 100"
50001056	aircraft cable 150"
50001057	aircraft cable 200"
50001030	pivot Mounting
50001078	hand held IR remote for IOS 120-277V ONLY
JM	junction mount

Dimensions



HOUSING:

UV stabilized polycarbonate, liquid silicone perimeter gasket with memory retention.

REFLECTOR:

Angled, steel reflector system finished in durable white powder coat. The reflector system holds all electrical components.

ELECTRICAL:

Available in 3500K, 4000K or 5000K colour temperatures. High efficiency driver operates 100V through 277V or 347V, 50-60HZ. L70 at over 60,000 hours.

DIMMING:

Bi-level dimming is controlled by an occupancy sensor to reduce light output by at least 50% when stairwell is unoccupied as per code.

OPERATING TEMPERATURE:

HT: -40°C to +40°C
SA: +10°C to +35°C

WEIGHT:

5 lbs. / 2.27 kg.

EMERGENCY OPERATION (SA):

Optional emergency operation for a 90 min. duration. Emergency mode provides 1107 lumens. 108 LEDs operational emergency mode. Not available in 347V.

MOUNTING:

Surface mount standard. Additional mounting systems: Aircraft Cable (AC50, AC72, AC100, AC150, AC200), Junction mount (JM) configuration allows for direct mount to recessed junction box, and Pivot (PM) -45° adjustable angle mount.

POWER LINE/FEED:

5-wire, solid type 18awg, provided with hotload disconnect feature.

WARRANTY:

5 year LED warranty, see website for full warranty details.

SENSOR:

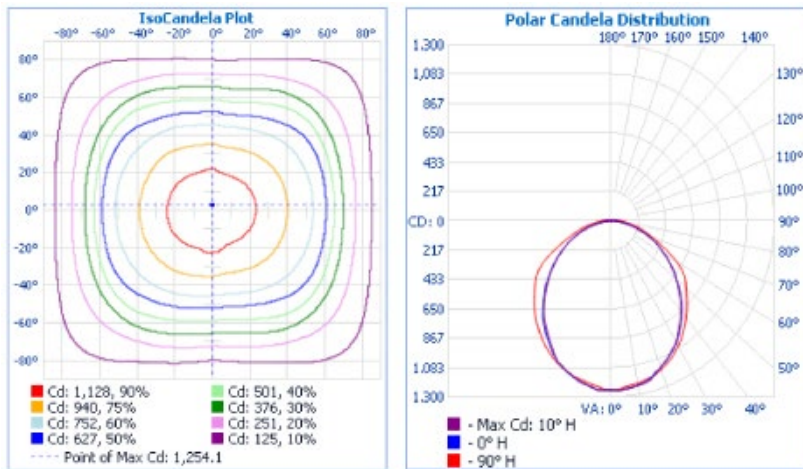
Multi-cell, multi-tier Fresnel lens with a 360° view, maximum coverage 48' diameter from 8' height (internally 120-277V or externally 347V mounted).

SENSOR DEFAULT SETTINGS:

- High mode: 100% light level (10V)
- Low mode: 10% light level (1V)
- Time delay: 5 min.
- Cut off delay: 1 hour.
- Setpoint: 4 fc.

SCA-2-HT-LO-WT35-120-277V

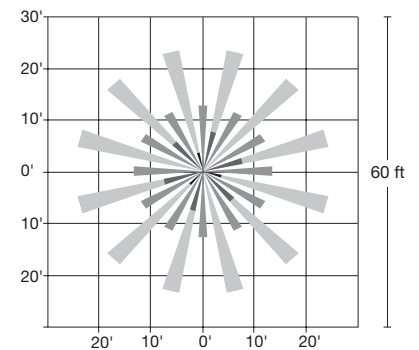
Luminous Intensity Distribution

**Zonal Lumen Summary**

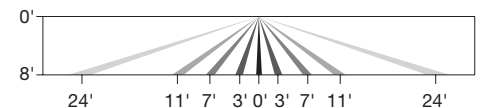
ZONE	LUMENS	% LUMINAIRE
0-30	959	26%
0-40	1567	42%
0-60	2776	75%
60-90	816	22%
0-180	3585	100%

OCCUPANCY SENSOR COVERAGE

Top Coverage Pattern



Side Coverage Pattern

**Energy Chart**

MODEL	LENGTH	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L70 ¹ HOURS
SCA-2-HT-LO-WT35-120-277V	2ft	120 lm/W	30	3585	>80	> 60,000
SCA-2-HT-LO-WT40-120-277V	2ft	123 lm/W	30	3691	>80	> 60,000
SCA-2-HT-LO-WT50-120-277V	2ft	127 lm/W	30	3796	>80	> 60,000
SCA-2-HT-HO-WT35-120-277V	2ft	120 lm/W	50	5975	>80	> 60,000
SCA-2-HT-HO-WT40-120-277V	2ft	120 lm/W	50	6151	>80	> 60,000
SCA-2-HT-HO-WT50-120-277V	2ft	120 lm/W	50	6327	>80	> 60,000

NOTES: Actual performance may vary between +/-5% of initial lumen output **NOTE¹:** Calculated as per TM-21-11. Limited by 6X LM80 test duration.

Emergency Mode

MODEL	LENGTH	WATTAGE	LUMEN OUTPUT	CRI
SCA-2-SA-XX-WT40-120-277V	2ft	10	1107	>80

PHOTOMETRIC DATA

Scala