Project:	
Type:	
Note:	

SLLB IP65 LED LINEAR LUMINAIRE

DESCRIPTION

The Starco SLLB is a well designed IP65 Rated LED luminaire suitable for a variety of applications and a balanced mixture of high performance and value. Applications include manufacturing, warehouses, distribution and convention centers, gymnasiums and other large indoor spaces. SLLB is ideal to replace traditional linear vapor proof fluorescent fixtures in industrial and commercial buildings with uncompromised quality and reliability. Multiple lumen outputs and electrical and control options make SLLB practical, as well as versatile. SLLB offers a range of lumen packages from 3,300 to 16,500 lumens and delivers up to 150 lumens per watt for maximum rebate eligibility and years of free maintenance.



SPECIFICATION FEATURES

Construction & Materials
- Extruded aluminum heatsink maximizes LED lifetime and optimal performance
- Durable white-painted center driver channel
- Heavy-gauge 5VA flammability classified plastic end caps
- Light weight design allows for a less obtrusive installation
- Includes bracket for surface mount and optional adjustable bracket for directional surface mount.
- IP65 Rated

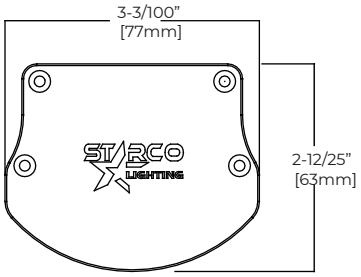
Electrical System
- High efficiency driver
- Input Voltage: 120-277V, 347V/480V optional, 50/60Hz
- Operating Temperature: -30°C (-22°F) to 55°C (131°F)
- 0-10V Continuous dimming to 10%
- Non Flickering (Flicker rate <3%)
- Power Factor: >0.95
- Total Harmonic Distortion: <15%
- Surge Protection: 3kV
- Fast-Fuse Technology

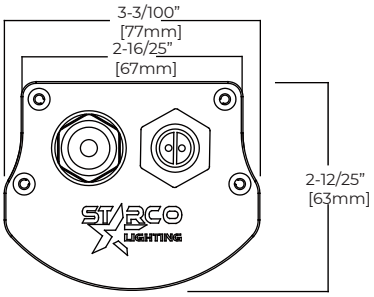
Optical System
- High impact polycarbonate optics provides even distribution
- Frosted lens provides maximum glare reduction

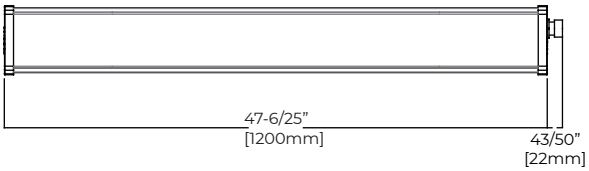
LED
- CRI: 80+
- CCT: 3000K, 4000K, 5000K
- Calculated L_{70} Lifetime: 306,000 hours @25°C
- Reported L_{90} Lifetime: 89,000 hours @25°C

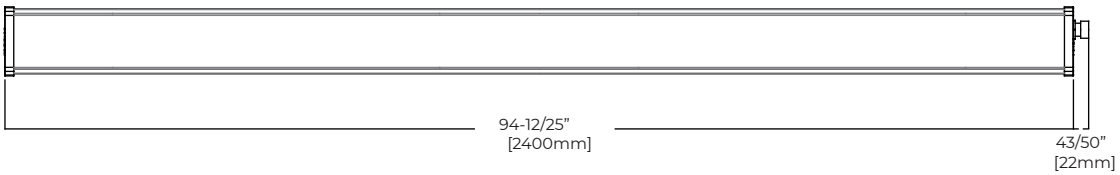
Warranty
- 10 Years

DIMENSION









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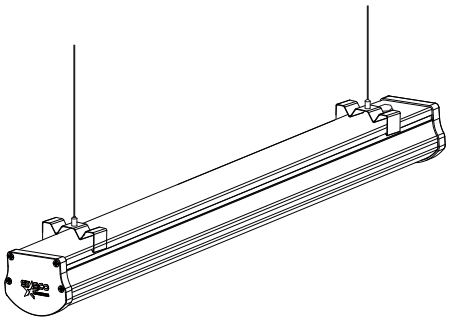
Example: SLLB-45-S4-D-50-65-D-C-80-U

SLLB									
Series	Wattage	Size	Optics	CCT	IP Rating	Dimming	Mount	CRI	Input Voltage
SLLB=LED Linear	**15**=15W **20**=20W **25**=25W	**S2**=2ft	**F**=Frosted **D**=Diffused	**30**=3000K **40**=4000K **50**=5000K	**65**=IP65	**D**=0-10V dimming to off, 10% **N**=None dimming	**H**=Suspended mount **C**=Surface mount	**80**=80 **90**=80 **95**=95	**U**=120-277V **H**=277-480V
	25=25W **35**=35W **45**=45W **55**=55W	**S4**=4ft							
	50=50W **70**=70W **90**=90W **110**=110W	**S8**=8ft							

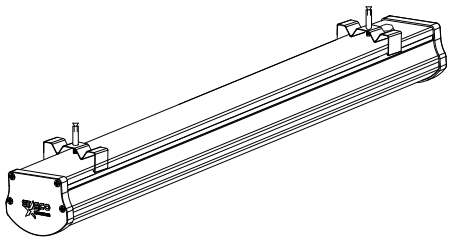
Finish	Sensor	Accessories
Blank=Natural aluminum silver **B**=Black **W**=White	**O**=No Sensor **M**=Wattstopper PIR motion & daylight sensor with 360° lens (FSP221B-L7) **S**=Wattstopper bluetooth remote controlled PIR motion & daylight sensor with 360° lens (FSP301-L7) **B=**Starco bluetooth mesh wireless controlled PIR motion & daylight sensor with 360° lens (CYC)	**SLHB5VKCS**=3ft hanging chain **ACxx**=Aircraft Cable with hook xx-length in ft. **LWPxx**=16/3 AWG whip xx-length in ft. **DCxx**= 0-10V Dimming cable xx-length in ft. **Lx-15P**=Twist Lock Plug, x=5or7 for 120 or 277 **x-15P**=Straight Plug, x=5or7 for 120 or 277 **MCable**=Modular Plug&Go Cabling (further specification needed) **SLLBAB-x**= Adjustable Mounting Bracket x-diameter of hole in. **AT480**=480V Stepdown Autotransformer **EC**=End cap orange emergency coating (#FF7900) **EMD-xx**=Emergency Battery Pack xx-10 or 20 or 30 Watts **EMR**=UL 924 emergency wired relay

Mounting

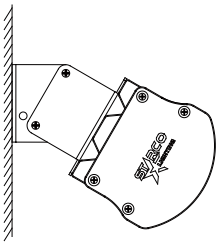
Suspended Mount



Surface Mount



Surface Mount with adustable bracket



Bracket in picture:
Model#SLLBAB-3/4 Maximal adjustable angle: 45°

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CCT & CRI Scaling Data

CRI	CCT	LUMEN OUTPUT	CRI	CCT	LUMEN OUTPUT	CRI	CCT	LUMEN OUTPUT
80	5000K	101%	90	5000K	95%	95	5000K	89%
	4000K	100%		4000K	94%		4000K	88%
	3500K	98%		3500K	92%		3500K	87%
	3000K	95%		3000K	90%		3000K	86%
	2700K	94%		2700K	89%		2700K	85%

PERFORMANCE DATA

Size	Wattage		CCT	Lumen Output@80CRI	
	120-277V	347-480V		Frosted	Diffused
2 FT	15	16	3000K	2025	2106
	15	16	4000K	2100	2184
	15	16	5000K	2175	2262
	20	21	3000K	2700	2808
	20	21	4000K	2800	2912
	20	21	5000K	2900	3016
	25	26	3000K	3375	3510
	25	26	4000K	3500	3640
	25	26	5000K	3621	3770
4 FT	25	27	3000K	3375	3510
	25	27	4000K	3500	3640
	25	27	5000K	3625	3770
	35	37	3000K	4725	4914
	35	37	4000K	4900	5096
	35	37	5000K	5075	5278
	45	49	3000K	6075	6318
	45	49	4000K	6300	6552
	45	49	5000K	6518	6786
	55	61	3000K	7425	7722
	55	61	4000K	7700	8008
	55	61	5000K	7975	8294
8 FT	50	55	3000K	6750	7020
	50	55	4000K	7000	7280
	50	55	5000K	7250	7540
	70	77	3000K	9450	9828
	70	77	4000K	9800	10192
	70	77	5000K	10150	10556
	90	98	3000K	12150	12636
	90	98	4000K	12600	13104
	90	98	5000K	13036	13572
	110	121	3000K	14850	15444
	110	121	4000K	15400	16016
	110	121	5000K	15950	16588

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Wattstopper Sensor

THE SLLB LED Linear Light is integrated with the Legrand Wattstopper® photo/ motion sensor provides more energy savings without sacrificing performance. Unlike traditional lighting control systems, the SLLB delivers suporior lighting with integrated occupancy and daylight controls. FSP-211 sensors operate from -40°C (-40°F) to 70°C (158°F) and have an IP66 rating and 5 year warranty. Please refer to Legrand Wattstopper® spec sheet for more information.

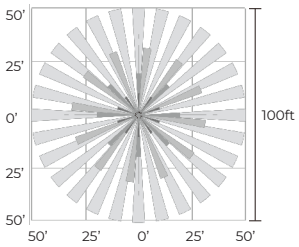


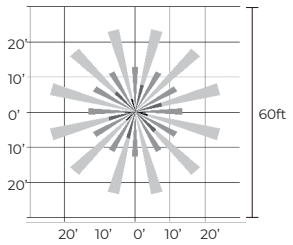
FSP-211

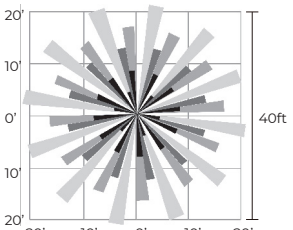


FSP-311

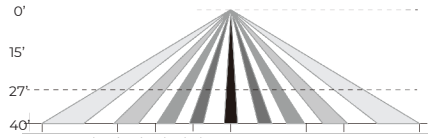
Top View

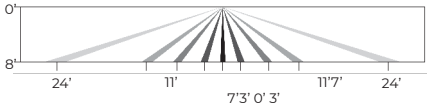


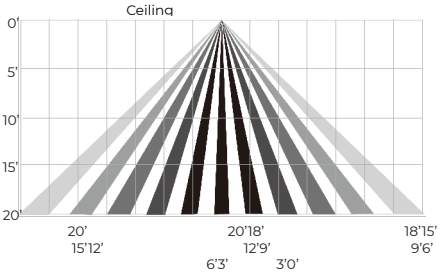


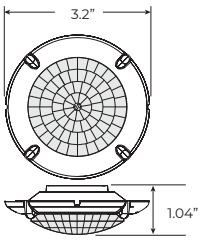


Side View

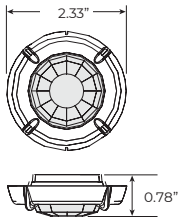




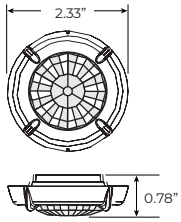




FSP-L7 Lens



FSP-L2 Lens



FSP-L3 Lens

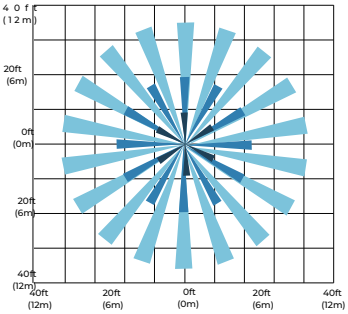
Starco Sensor

The CYC is a compact, IP65-rated, BLE 5.2 wireless multi-sensing device designed for efficient lighting control in various indoor and outdoor applications. It features PIR motion sensing, daylight sensing, and dual 0-10V channel outputs for LED driver control. By default, the device operates as a 0-10V channel for dimming and 2nd 0-10V channel for color tuning, with motion and daylight sensing functionalities configurable via the Starco Control mobile application. The CYC is available with either an audio jack or a Zhaga Book 18 connector, facilitating seamless integration into diverse lighting systems.

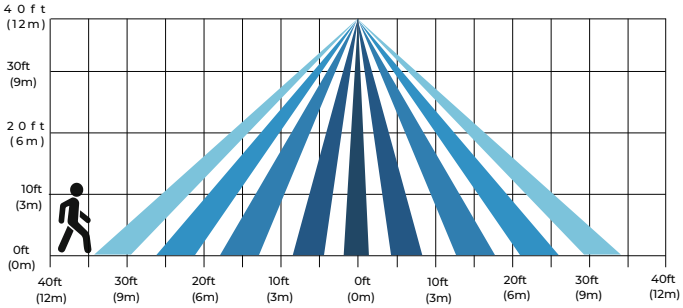


CYC

Top View



Side View



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