StarStrip

Type:	
Project:	
REP/Agent:	
Order #:	

FEATURES

- Strip retrofit or complete fixture
- Retrofit compatible with housing widths between 4 1/4" and 4 3/8"
- Units available in 2', 3', 4', 6', 8' and a 16' tandem fixture (1 driver for 16' of fixture)
- Two standard lumen packages available
- Efficacy up to 166 lm/W
- Soft diffuse direct lighting
- Approved for dry and damp locations
- 0-10v dimming is standard
- Dim to 1% of output current
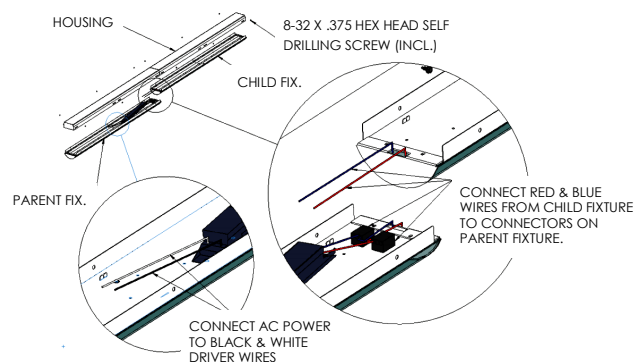- Available in 120V-277V only

DIMENSIONS

SSF

3.6"

4.5"

SSR

2.5"

4.5"

LUMEN PACKAGES
Based on 3500K CCT. Other CCT available.

MODEL	LUMENS	INPUT WATTS	Lm/W
SSx-4S-35K	3,221	22.6	143
SSx-8S-35K	6,656	44.9	148
SSx-16S-35K	13,703	86.1	159

ORDERING LOGIC (Full fixture)

SERIES	-	LENGTH	OUTPUT	-	CCT (80+ CRI)	-	FINISH	-	MOUNTING**	-	OPTIONS
SSF= Full fixture		**2**= 2'	**S**= Standard		**30K**= 3000K		**PW**= Powder Coat White		**SM**= Surface Mount		**MSI**= Microwave Sensor (internal)
		3= 3'	**H**= High		**35K**=3500K		**PO**= Powder Coat Other*		**P05**= Yolk and Toggle Kit (5')		**DME**= Daylight/Motion Sensor (external)
		4= 4'			**40K**= 4000K				**P10**= Yolk and Toggle Kit (10')		**EMB06**= 6W EM Battery
		6= 6'			**50K**= 5000K		*Custom colors will require that the				**EMB10**= 10W EM Battery
		8= 8'					factory be provided with and RAL#				**EMB15**= 15W EM Battery
		16= 16'			*Higher CRI/R9*		or color chip				**NPx**= Nema Plug (Various)
		XX= Run			*options available*						**GTD**= Generator Transfer Device

EXAMPLE: SSF-4S-35K-PW-SM-EMB10

*** See mounting details on page 2.*

ORDERING LOGIC (Retrofit)

SERIES	-	LENGTH	-	OUTPUT	-	CCT (80+ CRI)	-
SSR=Retrofit		**2**= 2'		**S**= Standard		**30K**= 3000K	
		3= 3'		**H** =High		**35K**= 3500K	
		4= 4'				**40K**= 4000K	
		8= 8'				**50K**= 5000K	
		16S= 16'				*Higher CRI/R9 options available*	

EXAMPLE: SSR-4S-35K

SSx-16S CONFIGURATION

HOUSING

8-32 X .375 HEX HEAD SELF DRILLING SCREW (INCL.)

CHILD FIX.

PARENT FIX.

CONNECT RED & BLUE WIRES FROM CHILD FIXTURE TO CONNECTORS ON PARENT FIXTURE.

CONNECT AC POWER TO BLACK & WHITE DRIVER WIRES

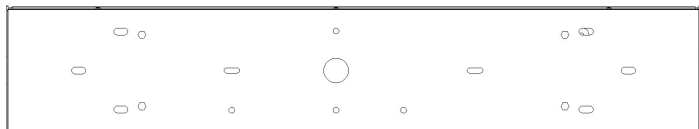# StarStrip

MOUNTING OPTIONS

SM

Surface mounting is achieved by securing fixture housing to drywall with contractor provided anchors and screws through openings in housing back.
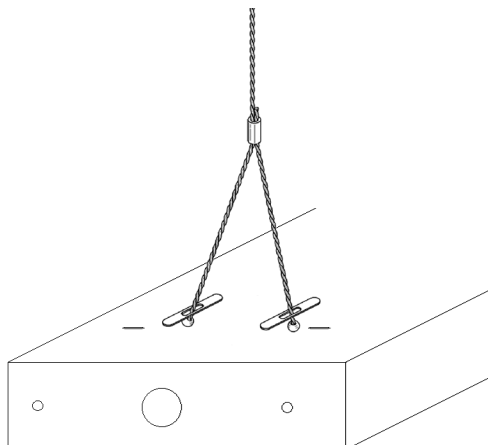
SM=Surface Mount

**P05**=Universal Yolk and Toggle Kit (5')

P10=Universal Yolk and Toggle Kit (10')

PXX

DIMENSIONS

MODEL	NOMINAL LENGTH	LUMINAIRE LENGTH	WEIGHT (SSR)	WEIGHT (SSF)
SSX-2	2 ft.	24.0 " (610mm)	3 lbs. max (1.4 kg)	5 lbs. max (2.3 kg)
SSX-3	3 ft.	36.0" (914mm)	4.5 lbs. max (2.0 kg)	7.5 lbs. max (3.4 kg)
SSX-4	4 ft.	48.0" (1,219mm)	6 lbs. max (2.7 kg)	10 lbs. max (4.5 kg)
SSX-8	8 ft.	96.0" (2,348mm)	12 lbs. max (5.4 kg)	20 lbs. max (9.1 kg)
SSX-16	16 ft.	192.0" (4,877mm)	24 lbs. max (10.8 kg)	35 lbs. max (16.4 kg)

4.78"
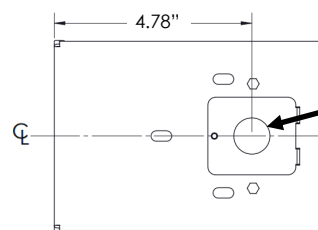
Standard Power Location (Top)

.685"
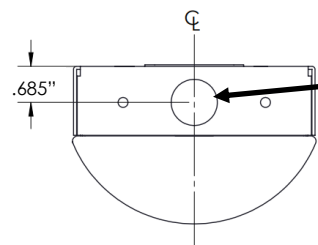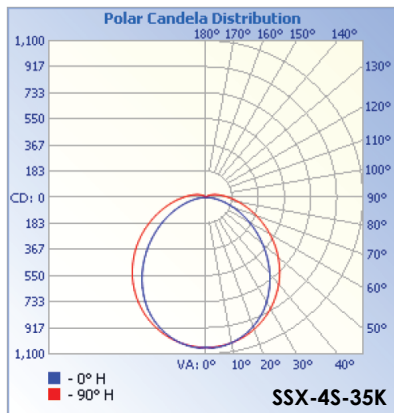
Alternate Power Location (End)

Please consult factory if **_End_** configuration is desired.

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PERFORMANCE

STANDARD OUTPUT - 80+ CRI

Polar Candela Distribution
SSX-4S-35K
- 0° H
- 90° H

Model	Lumens	Watts	LPW
SSx-2S-35K	1,611	12.4	129.6
SSx-2S-40K	1,675	12.5	134.1
SSx-2S-50K	1,803	12.5	144.4

Model	Lumens	Watts	LPW
SSx-3S-35K	2,416	17.4	138.8
SSx-3S-40K	2,512	17.5	143.7
SSx-3S-50K	2,705	17.5	154.7

Model	Lumens	Watts	LPW
SSx-4S-35K	**3,221**	**22.6**	**142.8**
SSx-4S-40K	**3,349**	**22.7**	**147.4**
SSx-4S-50K	**3,606**	**22.7**	**158.6**

Model	Lumens	Watts	LPW
SSx-8S-35K	**6,656**	**44.9**	**148.2**
SSx-8S-40K	**6,911**	**45.6**	**151.5**
SSx-8S-50K	**7,424**	**45.4**	**163.4**

Model	Lumens	Watts	LPW
SSx-16S-35K	**13,703**	**86.1**	**159.1**
SSx-16S-40K	**13,907**	**86.2**	**161.4**
SSx-16S-50K	**14,316**	**86.2**	**166.1**

HIGH OUTPUT - 80+ CRI

Polar Candela Distribution
SSX-8H-35K
- 0° H
- 90° H
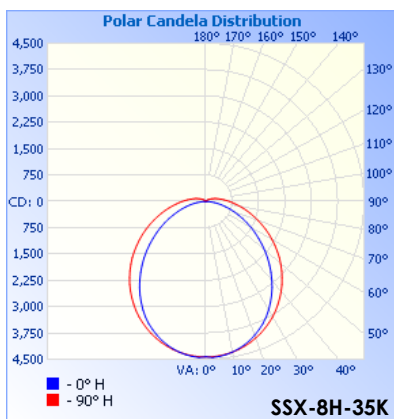
Model	Lumens	Watts	LPW
SSx-2H-35K	3,381	24.8	136.6
SSx-2H-40K	3,423	24.7	138.4
SSx-2H-50K	3,506	24.7	142.1

Model	Lumens	Watts	LPW
SSx-3H-35K	5,072	35.4	143.4
SSx-3H-40K	5,135	35.3	145.4
SSx-3H-50K	5,259	35.5	149.2

Model	Lumens	Watts	LPW
SSx-4H-35K	6,763	47.2	143.4
SSx-4H-40K	6,846	47.1	145.4
SSx-4H-50K	7,013	47.0	149.2

Model	Lumens	Watts	LPW
SSx-8H-35K	**13,525**	**94.3**	**143.4**
SSx-8H-40K	**13,692**	**94.2**	**154.3**
SSx-8H-50K	**14,025**	**94.0**	**149.2**

StarStrip

SPECIFICATIONS

Housing
Nominal 4 1/2" wide, 22ga cold rolled steel.

Color
Housings are standard in a powder coat white finish. Custom powder coat options are available. Consult factory.

Luminaire Length
Fixtures are available in 2', 3', 4', 8' and 16' lengths (see dimensions chart page 2).

Source
Two lumen packages are available in three color temperature options (3500K, 4000K and 5000K) — all within 3 MacAdam ellipses.

Dimming Driver
Universal Lighting Technologies (ULT) Everline series of LED drivers allows tunable output currents to achieve infinite configurations of output. UL Class 2 recognized. 0-10v interface can be wired as Class 1 or Class 2 circuit. Included 2.5Kw ring and wave overcurrent protection, isolation of each individual output and a fully potted driver to protect from heat and vibration.

Certification
Intertek cETLus Listed. RoHS (Restriction of Hazardous Substances) and Made in USA.

Environment
Suitable for dry and damp locations.
Operating temp.:   -40°C to +50°C
                     -40°F to +122°F
Power Factor: <.96

Battery
Philips Bodine lithium ion battery providing up to 780lm(6W) or up to 1300lm(10W) for 90 minutes. UL924 listed. Class 2 compliant. Meets Title 20 CEC (California Energy Commission) efficiency standards.

Packaging
Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.
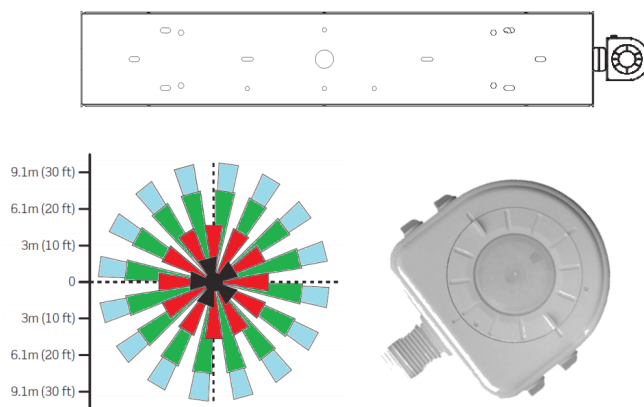
CONTROL

Sensor (MSI - Preferred)

The LMS-109 is a line voltage occupancy sensor designed for integrating with OEM luminaire to provide occupancy sensing based on/off switching control. This occupancy sensor utilizes the advanced High Frequency Doppler (HFD) technology which is capable of detecting the occupant's presence and movement through non-metallic enclosure, such as plastic cover or diffuser.
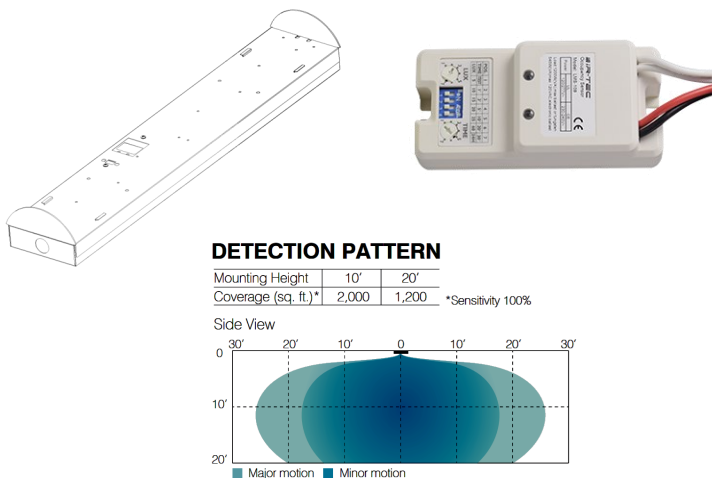
Sensor (DME)

Optional passive infrared motion and daylight sensor activates switching of luminaire on/off. Standard Factory settings: Luminaire is activated and increased to full bright upon detection of motion. Luminaire powers off when target zone is absent of motion activity for ~5 minutes. See coverage diagram for detection cone. Not available with decorative endcap accessory.

DETECTION PATTERN

Mounting Height	10'	20'
Coverage (sq. ft.)*	2,000	1,200

*Sensitivity 100%

Side View

Major motion   Minor motion

WARRANTY

5-year limited warranty. Complete warranty terms can be located at:

http://www.starteklightingamerica.com/images/pdf/warranty/StarStrip_Warranty.pdf

Note: Actual performance may differ as a result of installation environment and final application.
All values are design or typical values, measured under laboratory conditions, at 25°C (77°F) .