

Indoor/Outdoor Sign Lighters

Energy-efficient, modular fixtures for commercial signage and retail displays





Sign Lighter Series

Versatile indoor/outdoor
commercial lighting ...

Now available with ultra-efficient LED



AccuLite Sign Lighters provide commercial and retail facilities with unprecedented indoor/outdoor lighting versatility. Always known for their efficiency and performance, these fixtures are now available with advanced LED technology, offering superior energy savings and illumination quality.

The LED family of AccuLite Sign Lighters delivers the light output of 50-watt, MR16 halogen lamps but, at only 18 watts per fixture head, consume one-third the energy. They produce brilliant white light in three color temperatures – 2700K, 3000K and 4100K – and in four beam spreads – spot, narrow-flood, flood, and wide flood. And with an exceptional service life of 50,000-hours, these LED fixtures can dramatically reduce maintenance costs.



Unique and contemporary in every way

Available in Shepherd Hook, Straight Arm, and Short Arm configurations, AccuLite Sign Lighters offer a diverse range of mechanical and aesthetic solutions, whether illuminating exterior signage or interior displays. Fixtures feature single or dual head designs with 180° tilt and 360° rotation, and can be fitted with either domed or flat canopies. High-quality, powder-coated finishes in bronze or black are both beautiful and durable.

The Shepherd Hook and Straight Arm fixtures are modular designs that allow a single unit to adapt to four different lengths. By combining just two extension elements with the standard fixture, arm lengths of 18, 24, 30 and 36 inches are possible (16, 22, 28 and 34 inches with the flat canopy). Each modular unit is supplied as a kit consisting of the fixture, 6- and 12-inch arm extensions, mounting hardware, and appropriate power supply. No matter what the application, virtually everything necessary for a complete installation is included in a single box, offering the ultimate in versatility and convenience.

AccuLite Sign Lighters feature O-ring seals for year-in, year-out reliability and are listed for damp and wet locations. They are designed and assembled in the USA, assuring you of top-quality performance, indoors or out. In addition to LEDs, the AccuLite Sign Lighter Series includes a comprehensive selection of alternative light sources, including CMH and halogen, to satisfy a wide variety of applications and budgets.



LEDs ... environmentally and fiscally responsible

The exceptional energy efficiency and extreme service life of AccuLite LED Sign Lighters can yield substantial savings in electricity and maintenance. However, there are other savings that are even more important.

LEDs can go a long way toward saving our environment, too. Reduced energy consumption reduces the greenhouse gas emissions that contribute to global climate change. And the extended life cycle, as well as the absence of damaging UV rays, helps ease the strain on our planet's resources. Furthermore, LEDs are RoHS compliant and have none of the disposability issues associated with certain other light sources that contain toxic lead or mercury. Finally, since LEDs have no IR emissions, there is no heat in the light beam, thereby reducing HVAC energy requirements.

AccuLite LED Sign Lighters can help lower your operating costs, achieve compliance with energy conservation requirements, and help you keep pace with today's "green" initiatives. In short, they are an ideal lighting solution for these challenging times.

S311 36" Shepherd Hook - Domed Canopy



Bronze

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" lengths. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast, or LED Driver. Wet Location Listed. Lamp included with LED fixtures only.

LED fixtures feature 120-277 VAC operation and field interchangeable optics.

Make product selections and build your model number

Model	Lamp	Finish	Example
S311	M	BLK	S311M-BLK



M 12V MR16, 75W MAX
X 20W CMH MR16
X3 39W CMH MR16

BLK Black
BZP Bronze



Black

LED Version

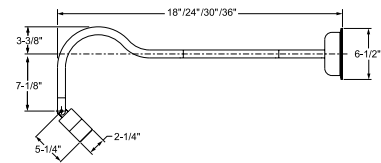
Model	Color Temperature	Beam Spread	Finish	Example
S311L2	2K	SP	BLK	S311L2-2K-S-BLK



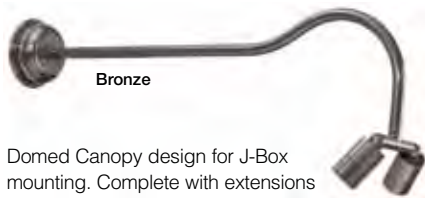
2K 2700K
3K 3000K
4K 4100K

SP Spot
NFL Narrow Flood
FL Flood
WFL Wide Flood

BLK Black
BZP Bronze



S312 36" Dual Head Shepherd Hook - Domed Canopy



Bronze

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" lengths. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast, or LED Driver. Wet Location Listed. Lamp included with LED fixtures only.

LED fixtures feature 120-277 VAC operation and field interchangeable optics.

Make product selections and build your model number

Model	Lamp	Finish	Example
S312	M	BLK	S312M-BLK



M 12V MR16, 75W MAX
X 20W CMH MR16
X3 39W CMH MR16

BLK Black
BZP Bronze



Black

LED Version

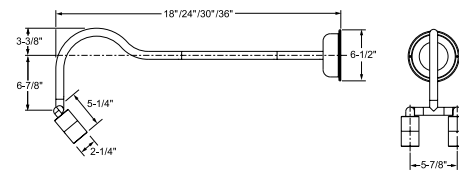
Model	Color Temperature	Beam Spread	Finish	Example
S312L2	2K	SP	BLK	S312L2-2K-S-BLK



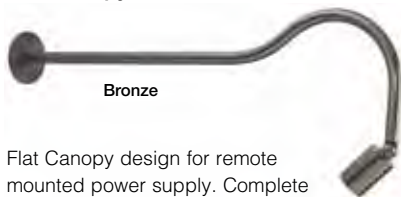
2K 2700K
3K 3000K
4K 4100K

SP Spot
NFL Narrow Flood
FL Flood
WFL Wide Flood

BLK Black
BZP Bronze



S411 36" Shepherd Hook - Flat Canopy



Bronze

Flat Canopy design for remote mounted power supply. Complete with extensions for 16"/22"/28"/34" lengths. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast, or LED Driver. Wet Location Listed. Lamp included with LED fixtures only.

LED fixtures feature 120 or 277 VAC operation and field interchangeable optics.

Make product selections and build your model number

Model	Lamp	Finish	Example
S411	M	BLK	S411M-BLK



M 12V MR16, 75W MAX
X 20W CMH MR16
X3 39W CMH MR16

BLK Black
BZP Bronze



Black

LED Version

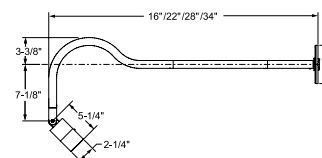
Model	Color Temperature	Beam Spread	Finish	Voltage	Example
S411L2	2K	SP	BLK	2	S411L2-2K-S-BLK



2K 2700K
3K 3000K
4K 4100K

SP Spot
NFL Narrow Flood
FL Flood
WFL Wide Flood

BLK Black
BZP Bronze
1 120 VAC
2 277 VAC



S412 36" Dual Head Shepherd Hook - Flat Canopy



Bronze

Flat Canopy design for remote mounted power supply. Complete with extensions for 16"/22"/28"/34" lengths. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast, or LED Driver. Wet Location Listed. Lamp included with LED fixtures only.

LED fixtures feature 120 or 277 VAC operation and field interchangeable optics.

Make product selections and build your model number

Model	Lamp	Finish	Example
S412	M	BLK	S412M-BLK



M 12V MR16, 75W MAX
X 20W CMH MR16
X3 39W CMH MR16

BLK Black
BZP Bronze



Black

LED Version

Model	Color Temperature	Beam Spread	Finish	Voltage	Example
S412L2	2K	SP	BLK	2	S412L2-2K-S-BLK

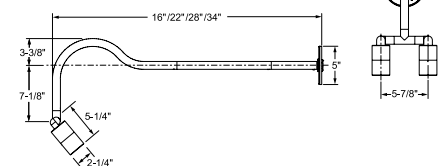


2K 2700K
3K 3000K
4K 4100K

SP Spot
NFL Narrow Flood
FL Flood
WFL Wide Flood

BLK Black
BZP Bronze

1 120 VAC
2 277 VAC



S313 36" Straight Arm - Domed Canopy



Bronze

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast, or LED Driver. Wet Location Listed. Lamp included with LED fixtures only.

LED fixtures feature 120-277 VAC operation and field interchangeable optics.

Make product selections and build your model number

Model	Lamp	Finish	Example
S313	M	BLK	S313M-BLK



M 12V MR16, 75W MAX
X 20W CMH MR16
X3 39W CMH MR16

BLK Black
BZP Bronze



Black

LED Version

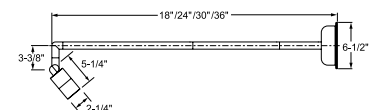
Model	Color Temperature	Beam Spread	Finish	Example
S313L2	2K	SP	BLK	S313L2-2K-S-BLK



2K 2700K
3K 3000K
4K 4100K

SP Spot
NFL Narrow Flood
FL Flood
WFL Wide Flood

BLK Black
BZP Bronze



S314 36" Dual Head Straight Arm - Domed Canopy



Bronze

Domed Canopy design for J-Box mounting. Complete with extensions for 18"/24"/30"/36" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast, or LED Driver. Wet Location Listed. Lamp included with LED fixtures only.

LED fixtures feature 120-277 VAC operation and field interchangeable optics.

Make product selections and build your model number

Model	Lamp	Finish	Example
S314	M	BLK	S314M-BLK



M 12V MR16, 75W MAX
X 20W CMH MR16
X3 39W CMH MR16

BLK Black
BZP Bronze



Black

LED Version

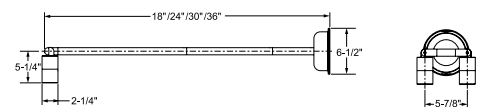
Model	Color Temperature	Beam Spread	Finish	Example
S314L2	2K	SP	BLK	S314L2-2K-S-BLK



2K 2700K
3K 3000K
4K 4100K

SP Spot
NFL Narrow Flood
FL Flood
WFL Wide Flood

BLK Black
BZP Bronze



S413 36" Straight Arm - Flat Canopy




Bronze

Flat Canopy design for remote mounted power supply. Complete with extensions for 16"/22"/28"/34" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast, or LED Driver. Wet Location Listed. Lamp included with LED fixtures only.

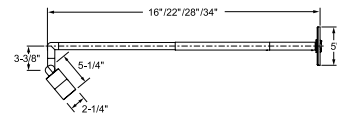
LED fixtures feature 120 or 277 VAC operation and field interchangeable optics.

Make product selections and build your model number

Model	Lamp	Finish	Example
S413	M	BLK	S413M-BLK
	M	12V MR16, 75W MAX	BLK Black
	X	20W CMH MR16	BZP Bronze
	X3	39W CMH MR16	BLK Black

LED Version

Model	Color Temperature	Beam Spread	Finish	Voltage	Example
S413L2	2K	SP	BLK	2	S413L2-2K-S-BLK
new	2K	2700K	SP Spot	BLK Black	1 120 VAC
	3K	3000K	NFL Narrow Flood	BZP Bronze	2 277 VAC
	4K	4100K	FL Flood		
			WFL Wide Flood		



S414 36" Dual Head Straight Arm - Flat Canopy




Bronze

Flat Canopy design for remote mounted power supply. Complete with extensions for 16"/22"/28"/34" length fixture. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast, or LED Driver. Wet Location Listed. Lamp included with LED fixtures only.

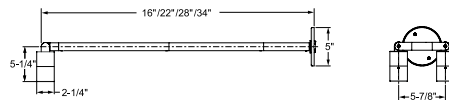
LED fixtures feature 120 or 277 VAC operation and field interchangeable optics.

Make product selections and build your model number

Model	Lamp	Finish	Example
S414	M	BLK	S414M-BLK
	M	12V MR16, 75W MAX	BLK Black
	X	20W CMH MR16	BZP Bronze
	X3	39W CMH MR16	BLK Black

LED Version

Model	Color Temperature	Beam Spread	Finish	Voltage	Example
S414L2	2K	SP	BLK	2	S414L2-2K-S-BLK
new	2K	2700K	SP Spot	BLK Black	1 120 VAC
	3K	3000K	NFL Narrow Flood	BZP Bronze	2 277 VAC
	4K	4100K	FL Flood		
			WFL Wide Flood		



S401 Short Arm - Flat Canopy




Bronze

Flat Canopy design with short 3" arm. For remote mounted power supply. Fixture tilts 180° and rotates 360°. Accepts one lens accessory (not included). Includes 12V transformer, CMH ballast, or LED Driver. Wet Location Listed. Lamp included with LED fixtures only.

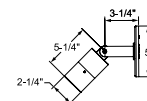
LED fixtures feature 120 or 277 VAC operation and field interchangeable optics.

Make product selections and build your model number

Model	Lamp	Finish	Example
S401	M	BLK	S401M-BLK
	M	12V MR16, 75W MAX	BLK Black
	X	20W CMH MR16	BZP Bronze
	X3	39W CMH MR16	BLK Black

LED Version

Model	Color Temperature	Beam Spread	Finish	Voltage	Example
S401L2	2K	SP	BLK	2	S401L2-2K-S-BLK
new	2K	2700K	SP Spot	BLK Black	1 120 VAC
	3K	3000K	NFL Narrow Flood	BZP Bronze	2 277 VAC
	4K	4100K	FL Flood		
			WFL Wide Flood		




S399 Shade Accessory



Bronze

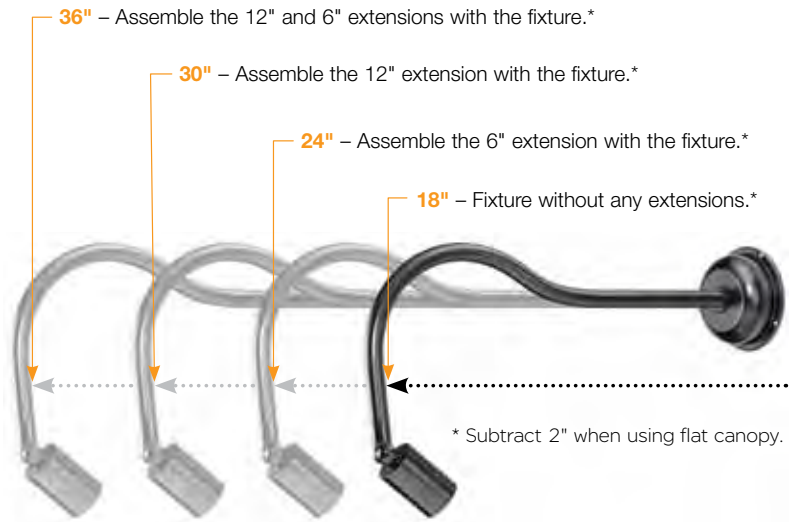
- Attaches to single-head fixtures
- For use on S311, S313, S411 and S413
- Provides attractive style element and helps control illumination pattern
- Finishes: black (BLK), bronze (BZP)
- Indoor or outdoor use

Make product selections and build your model number

Model	Finish	Example
S399	BLK	S399-BLK
	BLK Black	
	BZP Bronze	Black

Signlighter modular design adapts to various applications

Each modular unit is supplied in kit form, complete with swiveling fixture, 6-inch and 12-inch arm extensions, mounting hardware, and the appropriate ballast or transformer. Everything you need to light signs of various shapes and sizes is all in one box, offering unprecedented installation versatility.



Field interchangeable optics provide versatility

If you change your racking, move your menu board or alternate your signage now you can also adapt your sign lighter fixture with alternate optics to suit your varying needs. The unique field interchangeable optics offer the ability to change the beam angle/spread without having to replace the complete fixture. Whether new construction or remodeling, the freedom to swap out the optical distribution delivers convenience and design flexibility.



Accessories

Cat. No.	Description
TIR-1-SP	TIR Optic - Spot
TIR-1-NFL	TIR Optic - Narrow Flood
TIR-1-FL	TIR Optic - Flood
TIR-1-WFL	TIR Optic - Wide Flood
T741	Color Filter, Medium Pink
T742	Color Filter, Warm Red
T743	Color Filter, Daylight Blue
T744	Color Filter, Medium Blue
T745	Color Filter, Medium Amber
T746	Color Filter, Medium Green
T7418 ¹	Color Correction Filter

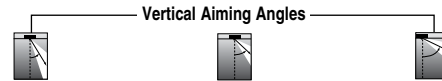
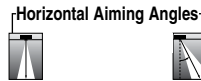
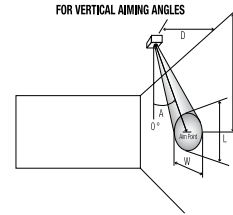
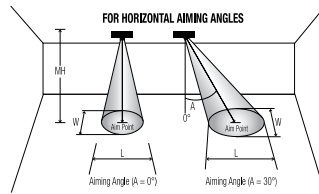
¹T7418 corrects 3000K color to approximately 2700K, and 4000K to approximately 3400K.

Fixtures accept up to one accessory filter.

Sign Lighter Series Photometrics

CBCP • Centerbeam candlepower
FC • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°, 1.732 for 60°).



Fixture	Beam Type	Beam Spread°	Rated Life	CBCP	0°		30°			30°					45°				60°						
					MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W	D	FC	X	L	W
S414L2-3K Spot	SP	12°	50000	11877	6	330	1.3	1.3	214	1.7	1.5	3	165	5.2	2.6	1.3	467	3.0	1.3	0.9	6	214	3.5	1.8	1.5
					8	186	1.7	1.7	121	2.3	1.9	4	93	6.9	3.5	1.7	262	4.0	1.7	1.2	8	121	4.6	2.3	1.9
					10	119	2.1	2.1	77	2.8	2.4	5	59	8.7	4.3	2.1	168	5.0	2.1	1.5	10	77	5.8	2.8	2.4
					12	82	2.5	2.5	54	3.4	2.9	6	41	10.4	5.2	2.5	117	6.0	2.6	1.8	12	54	6.9	3.4	2.9
					14	61	2.9	2.9	39	3.9	3.4	7	30	12.1	6.1	2.9	86	7.0	3.0	2.1	14	39	8.1	3.9	3.4
S414L2-3K Narrow Flood	NFL	23°	50000	4616	4	289	1.6	1.6	187	2.2	1.9	2	144	3.5	3.7	1.6	408	2.0	1.7	1.2	4	187	2.3	2.2	1.9
					6	128	2.4	2.4	83	3.3	2.8	3	64	5.2	5.6	2.4	161	3.0	2.5	1.7	6	83	3.5	3.3	2.8
					8	72	3.3	3.3	47	4.4	3.8	4	36	6.9	7.4	3.3	102	4.0	3.4	2.3	8	47	4.6	4.4	3.8
					10	46	4.1	4.1	30	5.5	4.7	5	23	8.7	9.3	4.1	65	5.0	4.2	2.9	10	30	5.8	5.5	4.7
					12	32	4.9	4.9	21	6.6	5.6	6	16	10.4	11.2	4.9	45	6.0	5.1	3.5	12	21	6.9	6.6	5.6
S414L2-3K Flood	FL	34°	50000	2335	4	146	2.4	2.4	95	3.4	2.8	1	292	1.7	3.4	1.2	826	1.0	1.3	0.9	3	169	1.7	2.5	2.1
					5	93	3.1	3.1	61	4.2	3.5	2	73	3.5	6.8	2.4	206	2.0	2.7	1.7	4	95	2.3	3.4	2.8
					6	65	3.7	3.7	42	5.0	4.2	3	32	5.2	10.2	3.7	92	3.0	4.0	2.6	5	61	2.9	4.2	3.5
					7	48	4.3	4.3	31	5.9	4.9	4	18	6.9	13.6	4.9	52	4.0	5.4	3.5	6	42	3.5	5.0	4.2
					8	36	4.9	4.9	24	6.7	5.6	5	12	8.7	17.0	6.1	33	5.0	6.7	4.3	7	31	4.0	5.9	4.9
S414L2-3K Wide Flood	WFL	53°	50000	1090	3	121	3.0	3.0	79	4.3	3.4	1	136	1.7	15.2	2.0	385	1.0	2.6	1.4	3	79	1.7	4.3	3.4
					4	68	4.0	4.0	44	5.8	4.6	1.5	61	2.6	22.8	3.0	171	1.5	4.0	2.1	4	44	2.3	5.8	4.6
					5	44	5.0	5.0	28	7.2	5.7	2	34	3.5	**	4.0	96	2.0	5.3	2.8	5	28	2.9	7.2	5.7
					6	30	6.0	6.0	20	8.7	6.9	2.5	22	4.3	**	5.0	62	2.5	6.6	3.5	6	20	3.5	8.7	6.9
					7	22	6.9	6.9	14	10.1	8.0	3	15	5.2	**	6.0	43	3.0	7.9	4.2	7	14	4.0	10.1	8.0

For 2700K fixtures, use 0.90 multiplier; for 3000HC fixtures, use 0.85 multiplier; for 4000K fixtures, use 1.04 multiplier.

**Due to steep aiming angle, length of beam extends beyond 25'.



Juno **indy** **AccuLite** **AcuLux** **Navilite** **DanaLite**

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