



LED WATTAGE CHART

Drive Current	Star Power Low Glare Optics		Silicone Micro Optics	
	16L	32L	16L	32L
350 milliamps	-	33W (3,300 - 3,432 Lumens)	-	36W (4,052 - 5,256 Lumens)
400 milliamps	21W (1,867 - 2,325 Lumens)	-	21W (1,981 - 2,961 Lumens)	-
530 milliamps	28W (2,800 - 3,136 Lumens)	54W (5,400 - 6,048 Lumens)	28W (2,456 - 3,668 Lumens)	54W (4,935 - 7,344 Lumens)
700 milliamps	36W (3,600 - 4,032 Lumens)	71W (7,100 - 7,952 Lumens)	36W (2,892 - 4,320 Lumens)	71W (5,965 - 8,946 Lumens)
1050 milliamps	56W (5,600 - 6,272 Lumens)	106W (10,600 - 11,872 Lumens)	56W (4,398 - 6,626 Lumens)	109W (9,028 - 9,972 Lumens)

The beautiful and simple CAL Family's LED Pedestrian Luminaires depict not only the California lifestyle, but the architecture of California as well. This ornamental piece is a delightful sight to see and a great model to illuminate any urban, rural, retail, or park, or campus setting.

The different caps and shades depict different California styles and a touch of California's historic Spanish mission era. The CAL Family is the perfect selection to combine both design and efficiency in light performance. Designed, tooled, manufactured and assembled in the USA.

BUY AMERICAN

To ensure the latest BAA/TAA/BABA Standards are being met, please select BAA, TAA, or BABA in the options section. Please contact the factory before placing an order for any NLS products requesting BAA (Buy American Act), TAA (Trade American Act), or BABA (Build America, Buy America).



STAR POWER™ OPTICAL SYSTEM

The Star Power™ reflector is an excellent system which provides great value and performance. Star Power Patent number: 10168023

Project Name:

Type:

CAL-S ORDERING GUIDE

Cat#	Top	Shade	Light Dist.	# of LEDs	Drive Current	Color Temp/CRI
CAL-S 18" Diameter (CAL-S)	Top 1 (TP1)	Shade 1 (S1)	Standard Silicone Micro Optics Type 2 (T2)	16 LED's (16L)	350mA (35) ¹¹	Amber LED 595nm Dominant Wavelength Standard Turtle Friendly (AMBER) ^{1, 8, 12}
	Top 2 (TP2)	Shade 6 (S6)	Type 3 (T3)	32 LED's (32L)	400mA (40) ¹⁰	Amber LED Phosphor Converted (AMBER/PC) ^{1, 8, 12}
	Top 3 (TP3)	Shade 7 (S7)	Performance Silicone Micro Optics Type 4 Forward Throw Wide (T4FTW)		530mA (53)	2700K, 70 CRI (27K7) ^{2, 5}
	Top 4 Luminous Element (TP4) ²¹	Shade 8 (S8)	Type 5 Wide (T5W)		700mA (7)	2700K, 80 CRI (27K8) ^{2, 5}
			Star Power Optical System Type 2 Low Glare (T2LG)		1050mA (1)	3000K, 70 CRI (30K7) ^{2, 5}
			Type 3 Low Glare (T3LG)			3000K, 80 CRI (30K8) ^{2, 5}
			Type 4 Low Glare (T4LG)			3500K, 80 CRI (35K8) ²
			Type 5 Low Glare (T5LG)			4000K, 70 CRI (40K7) ²
						4000K, 80 CRI (40K8) ²
						5000K, 70 CRI (50K7) ²
						5000K, 80 CRI (50K8) ²
Voltage	Mounting	Color	Controls	Options		
120V-277V (UNV)	Architectural Arm Mount (AM) ³	Bronze Textured (BRZ)	Photocell + Receptacle (PCR) ⁴	FSP-211 with Motion Sensor/Photocell (120/277VAC, 230-240VAC) 8' Height (FSP211-8) ^{13, 15}	Bird Spikes (BS)	
347V-480V (HV)	Mast Arm Mount (MA)	White Textured (WHT)	Nema 7-Pin Receptacle (PE7) ⁴	9'-20' Heights (FSP211-20) ^{13, 15}	House Side Shield (HSS) ¹⁶	
	Wall Mount (WM)	Smooth White Gloss (SWT)	Receptacle + Shorting Cap (PER) ⁴	21'-40' Heights (FSP211-40) ^{13, 15}	Glass Lens (GL) ^{17, 19}	
	Architectural Arm Wall Mount (AAWM) ⁶	Silver Metallic (SVR)	Custom Controls Integration (CCI) ⁷	FSP-221 with Motion Sensor/Photocell (100/347VAC, 208/230/480VAC) 8' Height (FSP-HV-8) ^{14, 15}	Diffused Polycarbonate Visual Comfort Lens (DPCL) ^{19, 20}	
		Black Textured (BLK)	FSP Remote (FSIR) ¹⁵	9'-20' Heights (FSP-HV-20) ^{14, 15}	HAL Lens (HAL) ^{18, 19}	
		Smooth Black Gloss (SBK)	Button Photocell (PC) ⁴	21'-40' Heights (FSP-HV-40) ^{14, 15}	Marine Grade Finish (MGF)	
		Graphite Textured (GPH)			Buy American Act (BAA) ⁹	
		Grey Textured (GRY)			Trade Agreement Act (TAA) ⁹	
		Custom (CS)			Build America Buy American (BABA) ⁹	

NOTES:

- Consult Factory for Lead Time
- Consult Factory for 90 CRI Requests
- For Architectural Arm Mount, please select from the available arm mounts and enter it as a separate line item
- Universal Voltage 120V-277V
- 3000K or lower must be selected to meet International Dark Sky Association Certification
- For AAWM, please select an Architectural Wall Mounted Arm (AA**) separately
- Please contact Factory for Custom Control Integration requests (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, DALI II or other control systems)
- Turtle Safe - Not available over 530mA
- Consult Factory for all BAA/TAA/BABA requests
- 16L Only
- 32L Only
- Consult Factory for Lead Time and Estimated performance data
- FSP-211, 120V-277V, 230-240VAC (single phase), 50/60Hz
- FSP-221, 100V-347V, 208/230/480VAC (phase to phase)
- Projects with sensors require Qty. 1 FSIR per project
- Not available with T5 or T5W
- Glass Lens: Low Iron Glass, fully tempered per ANSI C1047 (QCH-2201-37)
- HAL Lens: Yellow Polycarbonate Lens – less than 2% Blue Light Content
- Maximum of 700mA available with Lens options.
- Diffused Polycarbonate Visual Comfort Lens
- Maximum of 700mA available with Top 4



701 Kingshill Place, Carson, CA 90746
Call Us Today (310) 341-2037

nlsighting.com

PRODUCT SPECIFICATIONS

HOUSING

Heavy Duty Marine Grade Cast and Spun Aluminum with 4 shade options and 3 cap options

ELECTRICAL

- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver
- Driver power factor at maximum load is $\geq .95$, THD maximum load is 15%
- LED Drivers Ambient Temp. Min is -40°C and Ambient Temp. Max ranges from 50°C to 55°C and, in some cases, even higher. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All internal wiring UL certified for 600 VAC and 105°C
- CRI 70, 80 or 90
- Color temperatures: Amber, 2700K, 3000K, 3500K, 4000K, 5000K
- Surge Protection: 20KA supplies as standard.

OPTIONS

- BIRD SPIKES (BS)—offers effective and humane deterrent for larger bird species and provides cost-effective long-term solution to nuisance bird infestations.
- MARINE GRADE FINISH (MGF)—A multi-step process creating protective finishing coat against harsh environments.
 - Chemically washed in a 5 stage cleaning system.
 - Pre-baked
 - Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer.
 - 1-2 feet inside pole coverage top and bottom.
 - Oven Baked.
 - Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.
- SHIELDS (HSS)—House Side Shield (HSS) is designed for full property line cut-off.

CONTROL OPTIONS

- **FSP-211 w/Motion Sensor/Photocell (120/277VAC, 230-240VAC)**
(FSP-X) - Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution. Standard white finish.
- **FSP-221 w/Motion Sensor/Photocell (100-347VAC, 208/230/480VAC)**
(FSP-HV-X) - Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
 - All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
 - FSP-8 mounting heights 8 feet and below
 - FSP-20 mounting heights 9-20 feet
 - FSP-40 mounting heights 21-40 feet
 - Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.
 - FSIR-100 commissioning remote is required to change sensor settings. Please contact factory for ordering.
- Controls Agnostic: Please contact factory for your preferred controls option. (nLight, NX, WaveLinx, Crestron, DMX/RDM, Synapse, Casambi, Dali II, or other control systems)
- NEMA 7-PIN RECEPTACLE (PE7)—An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.
- PHOTOCCELL + RECEPTACLE (PCR)—7-Pin Receptacle and Electronic Twist Lock Photocell for dusk to dawn operation.
- RECEPTACLE + SHORTING CAP (PER)—7-Pin Receptacle and Shorting Cap.

FINISH

5 mils Powder Coat

WARRANTY

Standard Warranty is 5 years for Driver and LEDs

LISTINGS

- UL Listed in compliance with UL 1598, the Standard for Safety of Luminaires, including the applicable wet location requirements
- IDA Dark Sky Approved

BUY AMERICAN OPTION

While all of the NLS Lighting products listed in this document qualify for the Buy America(n) Act of 1933, we reserve the right to change our listings without notice.

The information provided above is for general informational purposes only. We encourage you to consult legal professionals for advice particular to your projects concerning BAA, TAA, BABA or Buy America.

Additional NLS Products that meet BAA, TAA standards can be found at the following link:

[https://nlsighting.com/wp-content/uploads/cs/NLS_BuyAmerica\(n\).pdf](https://nlsighting.com/wp-content/uploads/cs/NLS_BuyAmerica(n).pdf)



The information and specifications on this document are subject to change without any notification. All values are design, nominal, typical or prorated values when measured under internal and external laboratory conditions.



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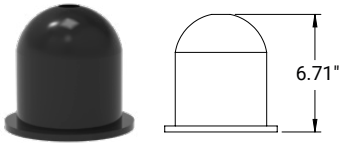
PRODUCT SPECIFICATIONS

PRODUCT CONFIGURATION

TOPS

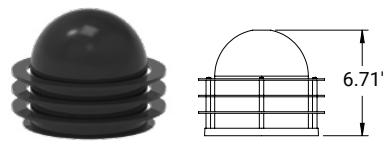
TOP 1

Smooth

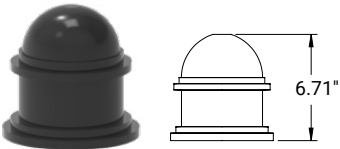


TOP 2

Alum. Rings

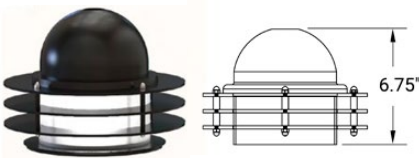


TOP 3

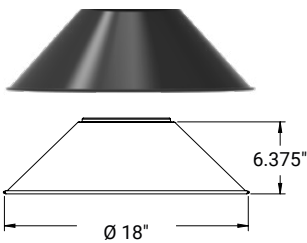


TOP 4

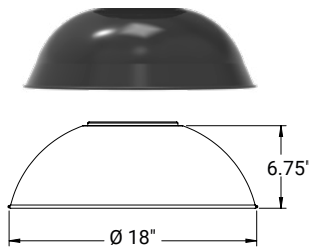
Luminous Element



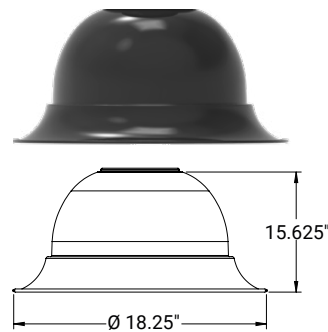
SHADES



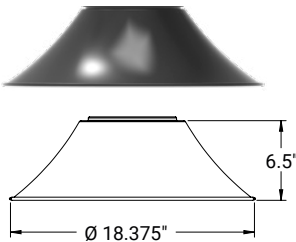
SHADE 1



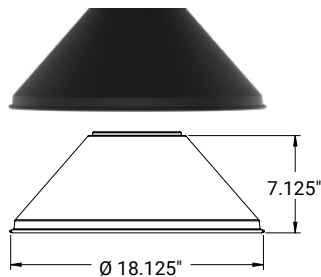
SHADE 4



SHADE 6



SHADE 7



SHADE 8

CAL-S FIXTURE CONFIGURATIONS - TOP 1

FIXTURE	CAL-S-TP1-S1	CAL-S-TP1-S4	CAL-S-TP1-S6	CAL-S-TP1-S7	CAL-S-TP1-S8
EPA	0.38	0.45	0.47	0.37	0.42
WEIGHT (LBS)	24	24	24	24	24

CAL-S FIXTURE CONFIGURATIONS - TOP 2 & TOP 4

FIXTURE	CAL-S-TP2*-S1	CAL-S-TP2*-S4	CAL-S-TP2*-S6	CAL-S-TP2*-S7	CAL-S-TP2*-S8
EPA	0.39	0.46	0.48	0.38	0.43
WEIGHT (LBS)	24	24	24	24	24

CAL-S FIXTURE CONFIGURATIONS - TOP 3

FIXTURE	CAL-S-TP3-S1	CAL-S-TP3-S4	CAL-S-TP3-S6	CAL-S-TP3-S7	CAL-S-TP3-S8
EPA	0.38	0.46	0.48	0.38	0.42
WEIGHT (LBS)	24	24	24	24	24

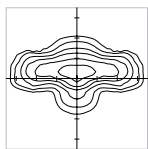
* Measurements are the same for Top 4

PRODUCT SPECIFICATIONS

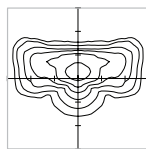
OPTICS

Silicone optics high photothermal stability and light output provides higher powered LEDs with minimized lumen depreciation LED life. UV and thermal stability with scratch resistance increases exterior application durability.

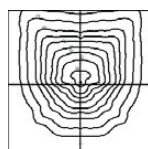
IES Types



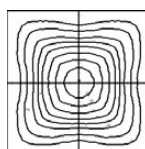
TYPE II (T2)



TYPE III (T3)



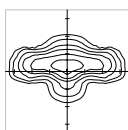
TYPE IV FORWARD
THROW WIDE
(T4FTW)



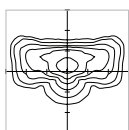
TYPE V WIDE
(T5W)

Star Power T2, T3, T4 and T5

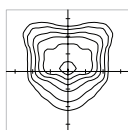
• IES Types



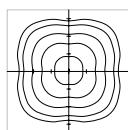
TYPE II (T2)



TYPE III (T3)

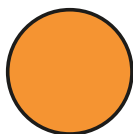


TYPE IV (T4)

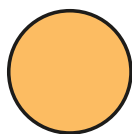


TYPE V (T5)

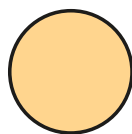
LED KELVIN RANGE



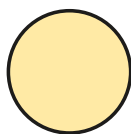
AMBER
585-600 nm



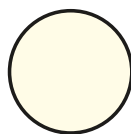
2700K 70 CRI



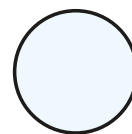
3000K 70 CRI



3500K 80 CRI



4000K 70 CRI



5000K 70 CRI

Color	Dominant or Peak Wavelength Range (nm)	
	Minimum	Maximum
Amber	585	600

Lumen Maintenance Data							
Ambient Temperature	Drive Current	L90 Hours*	L70 Hours**	30,000 Hours*	50,000 Hours*	60,000 Hours*	100,000 Hours**
25°C	Up to 700mA	58,000	173,000	95.7%	91.6%	89.6%	82.1%
	1050mA	48,000	143,000	94.3%	89.5%	87.2%	78.5%
*Reported extrapolations per IESNA TM-21				**Projected extrapolations per IESNA TM-21			

Performance Plus Solution

What is "Performance Plus"?

Light Pattern Optimization + Lumen Maintenance Longevity + High Efficacy + Visual Comfort

Performance Plus solutions combine Performance Silicone Micro Optics with maximum LED count at lower drive currents. This strategy enhances luminaire efficiency, visual comfort, and the reduced maintenance costs already associated with NLS's Performance Silicone Micro Optics. It can also deliver an additional 20% in savings for both new construction and retrofit projects.

T4FTW



T5W



+



= Performance Plus

Performance Series Silicone Micro Optics

Maximum LED Count at Lower Drive Current

Do More With Less

New Construction:

Saves tens-to-hundreds of thousands of dollars in upfront project cost

Performance Silicone Micro Optics save end users thousands in material and installation costs by reducing the fixtures by an average of 15%. Efficient and precise Performance Silicone Micro Optics materially improve fixture spacing without sacrificing light levels.

Retrofit:

Saves tens-to-hundreds of thousands of dollars in project life cycle energy

Performance Silicone Micro Optics provide substantial energy savings, while markedly outperforming industry benchmarks for light output depreciation and illumination quality.



PRODUCT SPECIFICATIONS

LUMEN CHARTS

STAR POWER OPTICS													
PART NUMBER	T2	LM/W	BUG RATING	T3	LM/W	BUG RATING	T4	LM/W	BUG RATING	T5	LM/W	BUG RATING	WATTAGE
CAL-S-16L-40-27K7	1990	95		1954	93		1972	94		1867	89		21
CAL-S-16L-40-27K8	1863	89		1830	87		1847	88		1748	83		21
CAL-S-16L-40-30K8	1998	95		1962	93		1980	94		1874	89		21
CAL-S-16L-40-30K7	2152	102		2113	101		2132	102		2019	96		21
CAL-S-16L-40-35K8	1998	95		1962	93		1980	94		1874	89		21
CAL-S-16L-40-40K8	2152	102		2113	101		2132	102		2019	96		21
CAL-S-16L-40-40K7	2325	111		2283	109		2304	110		2181	104		21
CAL-S-16L-40-50K8	2152	102		2113	101		2132	102		2019	96		21
CAL-S-16L-40-50K7	2325	111		2283	109		2304	110		2181	104		21
CAL-S-16L-53-30K7	2856	102	B1-U0-G1	2884	103	B1-U0-G1	2912	104	B1-U0-G1	2800	100	B2-U0-G1	28
CAL-S-16L-53-40K7	2968	106	B1-U0-G1	2968	106	B1-U0-G1	2996	107	B1-U0-G1	2884	103	B2-U0-G1	28
CAL-S-16L-53-50K7	3136	112	B1-U0-G1	3108	111	B1-U0-G1	3136	112	B1-U0-G1	2968	106	B2-U0-G1	28
CAL-S-16L-7-30K7	3672	102	B1-U0-G1	3708	103	B1-U0-G1	3744	104	B1-U0-G2	3600	100	B2-U0-G1	36
CAL-S-16L-7-40K7	3816	106	B1-U0-G1	3816	106	B1-U0-G1	3852	107	B1-U0-G2	3708	103	B2-U0-G1	36
CAL-S-16L-7-50K7	4032	112	B1-U0-G1	3996	111	B1-U0-G1	4032	112	B1-U0-G2	3816	106	B2-U0-G1	36
CAL-S-16L-1-30K7	5712	102	B2-U0-G2	5768	103	B1-U0-G1	5824	104	B2-U0-G2	5600	100	B3-U0-G1	56
CAL-S-16L-1-40K7	5936	106	B2-U0-G2	5936	106	B1-U0-G1	5992	107	B2-U0-G2	5768	103	B3-U0-G1	56
CAL-S-16L-1-50K7	6272	112	B2-U0-G2	6216	111	B1-U0-G1	6272	112	B2-U0-G2	5936	106	B3-U0-G1	56
CAL-S-32L-35-30K7	3366	102	B1-U0-G1	3399	103	B1-U0-G1	3432	104	B1-U0-G2	3300	100	B2-U0-G1	33
CAL-S-32L-35-40K7	3498	106	B1-U0-G1	3498	106	B1-U0-G1	3531	107	B1-U0-G2	3399	103	B2-U0-G1	33
CAL-S-32L-35-50K7	3696	112	B1-U0-G1	3663	111	B1-U0-G1	3696	112	B1-U0-G2	3498	106	B2-U0-G1	33
CAL-S-32L-53-30K7	5508	102	B2-U0-G2	5562	103	B1-U0-G1	5616	104	B1-U0-G2	5400	100	B3-U0-G1	54
CAL-S-32L-53-40K7	5724	106	B2-U0-G2	5724	106	B1-U0-G1	5778	107	B2-U0-G2	5562	103	B3-U0-G1	54
CAL-S-32L-53-50K7	6048	112	B2-U0-G2	5994	111	B1-U0-G1	6048	112	B2-U0-G2	5724	106	B3-U0-G1	54
CAL-S-32L-7-30K7	7242	102	B2-U0-G2	7313	103	B2-U0-G2	7384	104	B2-U0-G2	7100	100	B3-U0-G1	71
CAL-S-32L-7-40K7	7526	106	B2-U0-G2	7597	107	B2-U0-G2	7597	107	B2-U0-G3	7313	103	B3-U0-G1	71
CAL-S-32L-7-50K7	7952	112	B2-U0-G2	7881	111	B2-U0-G2	7952	112	B2-U0-G3	7526	106	B3-U0-G1	71
CAL-S-32L-1-30K7	10812	102	B3-U0-G3	10918	103	B2-U0-G2	11024	104	B2-U0-G3	10600	100	B3-U0-G2	106
CAL-S-32L-1-40K7	11236	106	B3-U0-G3	11342	107	B2-U0-G2	11342	107	B3-U0-G3	10918	103	B3-U0-G2	106
CAL-S-32L-1-50K7	11872	112	B3-U0-G3	11766	111	B2-U0-G2	11872	112	B3-U0-G3	11236	106	B3-U0-G2	106

3000k or warmer must be selected to meet International Dark-Sky Association certification.

SILICONE MICRO OPTICS - 16 LED									
PART NUMBER	T2	LPW	T3	LPW	T4FTW	LPW	T5W	LPW	WATTAGE
CAL-S-16L-40-27K7	2470	118	2434	116	2258	108	2487	118	21
CAL-S-16L-40-27K8	2167	103	2136	102	1981	94	2182	104	21
CAL-S-16L-40-30K7	2867	137	2826	135	2621	125	2887	137	21
CAL-S-16L-40-30K8	2281	109	2249	107	2086	99	2298	109	21
CAL-S-16L-40-35K8	2352	112	2318	110	2150	102	2369	113	21
CAL-S-16L-40-40K7	2940	140	2898	138	2688	128	2961	141	21
CAL-S-16L-40-40K8	2440	116	2405	115	2231	106	2458	117	21
CAL-S-16L-40-50K7	2940	140	2898	138	2688	128	2961	141	21
CAL-S-16L-40-50K8	2440	116	2405	115	2231	106	2458	117	21
CAL-S-16L-53-27K7	3058	109	3011	108	2799	100	3081	110	28
CAL-S-16L-53-27K8	2683	96	2641	94	2456	88	2703	97	28
CAL-S-16L-53-30K7	3549	127	3494	125	3249	116	3576	128	28
CAL-S-16L-53-30K8	2825	101	2781	99	2586	92	2846	102	28
CAL-S-16L-53-35K8	2912	104	2867	102	2666	95	2934	105	28
CAL-S-16L-53-40K7	3640	130	3584	128	3332	119	3668	131	28
CAL-S-16L-53-40K8	3021	108	2975	106	2766	99	3044	109	28
CAL-S-16L-53-50K7	3640	130	3584	128	3332	119	3668	131	28
CAL-S-16L-53-50K8	3021	108	2975	106	2766	99	3044	109	28
CAL-S-16L-7-27K7	3629	101	3568	99	3296	92	3629	101	36
CAL-S-16L-7-27K8	3184	88	3131	87	2892	80	3184	88	36
CAL-S-16L-7-30K7	4212	117	4142	115	3826	106	4212	117	36
CAL-S-16L-7-30K8	3352	93	3296	92	3045	85	3352	93	36
CAL-S-16L-7-35K8	3456	96	3398	94	3139	87	3456	96	36
CAL-S-16L-7-40K7	4320	120	4248	118	3924	109	4320	120	36
CAL-S-16L-7-40K8	3586	100	3526	98	3257	90	3586	100	36
CAL-S-16L-7-50K7	4320	120	4248	118	3924	109	4320	120	36
CAL-S-16L-7-50K8	3586	100	3526	98	3257	90	3586	100	36
CAL-S-16L-1-27K7	5561	99	5460	98	5013	90	5566	99	56
CAL-S-16L-1-27K8	4879	87	4791	86	4398	79	4883	87	56
CAL-S-16L-1-30K7	6455	115	6338	113	5819	104	6460	115	56
CAL-S-16L-1-30K8	5137	92	5044	90	4631	83	5142	92	56
CAL-S-16L-1-35K8	5296	95	5200	93	4774	85	5301	95	56
CAL-S-16L-1-40K7	6620	118	6500	116	5968	107	6626	118	56
CAL-S-16L-1-40K8	5495	98	5395	96	4953	88	5500	98	56
CAL-S-16L-1-50K7	6620	118	6500	116	5968	107	6626	118	56
CAL-S-16L-1-50K8	5495	98	5395	96	4953	88	5500	98	56



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PRODUCT SPECIFICATIONS

LUMEN CHARTS

SILICONE MICRO OPTICS - 32 LED									
PART NUMBER	T2	LPW	T3	LPW	T4FTW	LPW	T5W	LPW	WATTAGE
CAL-S-32L-35-27K7	4355	121	4294	119	4052	113	4415	123	36
CAL-S-32L-35-27K8	3821	106	3768	105	3555	99	3874	108	36
CAL-S-32L-35-30K7	5054	140	4984	138	4703	131	5125	142	36
CAL-S-32L-35-30K8	4023	112	3967	110	3743	104	4079	113	36
CAL-S-32L-35-35K8	4147	115	4090	114	3859	107	4205	117	36
CAL-S-32L-35-40K7	5184	144	5112	142	4824	134	5256	146	36
CAL-S-32L-35-40K8	4303	120	4243	118	4004	111	4362	121	36
CAL-S-32L-35-50K7	5184	144	5112	142	4824	134	5256	146	36
CAL-S-32L-35-50K8	4303	120	4243	118	4004	111	4362	121	36
CAL-S-32L-53-27K7	6078	113	6033	112	5625	104	6169	114	54
CAL-S-32L-53-27K8	5333	99	5293	98	4935	91	5413	100	54
CAL-S-32L-53-30K7	7055	131	7002	130	6529	121	7160	133	54
CAL-S-32L-53-30K8	5615	104	5573	103	5196	96	5699	106	54
CAL-S-32L-53-35K8	5789	107	5746	106	5357	99	5875	109	54
CAL-S-32L-53-40K7	7236	134	7182	133	6696	124	7344	136	54
CAL-S-32L-53-40K8	6006	111	5961	110	5558	103	6096	113	54
CAL-S-32L-53-50K7	7236	134	7182	133	6696	124	7344	136	54
CAL-S-32L-53-50K8	6006	111	5961	110	5558	103	6096	113	54
CAL-S-32L-7-27K7	7395	104	7336	103	6799	96	7515	106	71
CAL-S-32L-7-27K8	6489	91	6436	91	5965	84	6593	93	71
CAL-S-32L-7-30K7	8584	121	8515	120	7892	111	8722	123	71
CAL-S-32L-7-30K8	6832	96	6777	95	6281	88	6942	98	71
CAL-S-32L-7-35K8	7043	99	6986	98	6475	91	7157	101	71
CAL-S-32L-7-40K7	8804	124	8733	123	8094	114	8946	126	71
CAL-S-32L-7-40K8	7307	103	7248	102	6718	95	7425	105	71
CAL-S-32L-7-50K7	8804	124	8733	123	8094	114	8946	126	71
CAL-S-32L-7-50K8	7307	103	7248	102	6718	95	7425	105	71
CAL-S-32L-1-27K7	11151	102	11054	101	10289	94	11365	104	109
CAL-S-32L-1-27K8	9784	90	9699	89	9028	83	9972	91	109
CAL-S-32L-1-30K7	12943	119	12831	118	11943	110	13192	121	109
CAL-S-32L-1-30K8	10301	95	10212	94	9505	87	10499	96	109
CAL-S-32L-1-35K8	10620	97	10528	97	9799	90	10824	99	109
CAL-S-32L-1-40K7	13275	122	13160	121	12249	112	13530	124	109
CAL-S-32L-1-40K8	11018	101	10923	100	10167	93	11230	103	109
CAL-S-32L-1-50K7	13275	122	13160	121	12249	112	13530	124	109
CAL-S-32L-1-50K8	11018	101	10923	100	10167	93	11230	103	109

PRODUCT SPECIFICATIONS

BUG CHARTS

SILICONE MICRO OPTICS - 16 LED				
PART NUMBER	T2	T3	T4FTW	T5W
CAL-S-16L-40-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
CAL-S-16L-40-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
CAL-S-16L-40-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-40-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
CAL-S-16L-40-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
CAL-S-16L-40-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-40-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
CAL-S-16L-40-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-40-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G1
CAL-S-16L-53-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-53-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-53-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-16L-53-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-53-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-53-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-16L-53-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-53-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-16L-53-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-7-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-16L-7-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-7-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-16L-7-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-7-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G1
CAL-S-16L-7-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-16L-7-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-16L-7-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-16L-7-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-16L-1-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-16L-1-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-16L-1-30K7	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-16L-1-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-16L-1-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-16L-1-40K7	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-16L-1-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-16L-1-50K7	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-16L-1-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2

SILICONE MICRO OPTICS - 32 LED				
PART NUMBER	T2	T3	T4FTW	T5W
CAL-S-32L-35-27K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-32L-35-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G1
CAL-S-32L-35-30K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-32L-35-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-32L-35-35K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-32L-35-40K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-32L-35-40K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-32L-35-50K7	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-32L-35-50K8	B1-U0-G1	B1-U0-G1	B1-U0-G2	B3-U0-G2
CAL-S-32L-53-27K7	B1-U0-G1	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-53-27K8	B1-U0-G1	B1-U0-G1	B1-U0-G3	B3-U0-G2
CAL-S-32L-53-30K7	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-53-30K8	B1-U0-G1	B1-U0-G1	B1-U0-G3	B3-U0-G2
CAL-S-32L-53-35K8	B1-U0-G1	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-53-40K7	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-53-40K8	B1-U0-G1	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-53-50K7	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-53-50K8	B1-U0-G1	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-7-27K7	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-7-27K8	B1-U0-G1	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-7-30K7	B2-U0-G2	B2-U0-G2	B2-U0-G3	B4-U0-G2
CAL-S-32L-7-30K8	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-7-35K8	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-7-40K7	B2-U0-G2	B2-U0-G2	B2-U0-G3	B4-U0-G2
CAL-S-32L-7-40K8	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-7-50K7	B2-U0-G2	B2-U0-G2	B2-U0-G3	B4-U0-G2
CAL-S-32L-7-50K8	B2-U0-G2	B2-U0-G2	B1-U0-G3	B3-U0-G2
CAL-S-32L-1-27K7	B2-U0-G2	B2-U0-G2	B2-U0-G3	B4-U0-G3
CAL-S-32L-1-27K8	B2-U0-G2	B2-U0-G2	B2-U0-G3	B4-U0-G3
CAL-S-32L-1-30K7	B2-U0-G2	B3-U0-G3	B2-U0-G4	B4-U0-G3
CAL-S-32L-1-30K8	B2-U0-G2	B2-U0-G2	B2-U0-G3	B4-U0-G3
CAL-S-32L-1-35K8	B2-U0-G2	B2-U0-G2	B2-U0-G3	B4-U0-G3
CAL-S-32L-1-40K7	B2-U0-G2	B3-U0-G3	B2-U0-G4	B4-U0-G3
CAL-S-32L-1-40K8	B2-U0-G2	B2-U0-G2	B2-U0-G3	B4-U0-G3
CAL-S-32L-1-50K7	B2-U0-G2	B3-U0-G3	B2-U0-G4	B4-U0-G3
CAL-S-32L-1-50K8	B2-U0-G2	B2-U0-G2	B2-U0-G3	B4-U0-G3

PRODUCT SPECIFICATIONS

CAL - S ARM OPTIONS



ARCHITECTURAL ARM 1



ARCHITECTURAL ARM 2



ARCHITECTURAL ARM 3



ARCHITECTURAL ARM 4



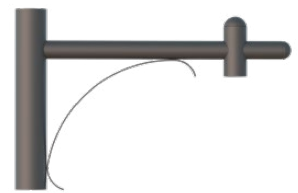
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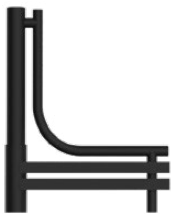
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ARCHITECTURAL ARM 7



ARCHITECTURAL ARM 8



ARCHITECTURAL ARM 10



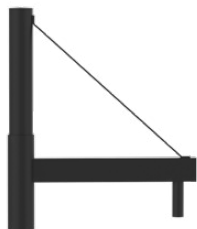
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ARCHITECTURAL ARM 15



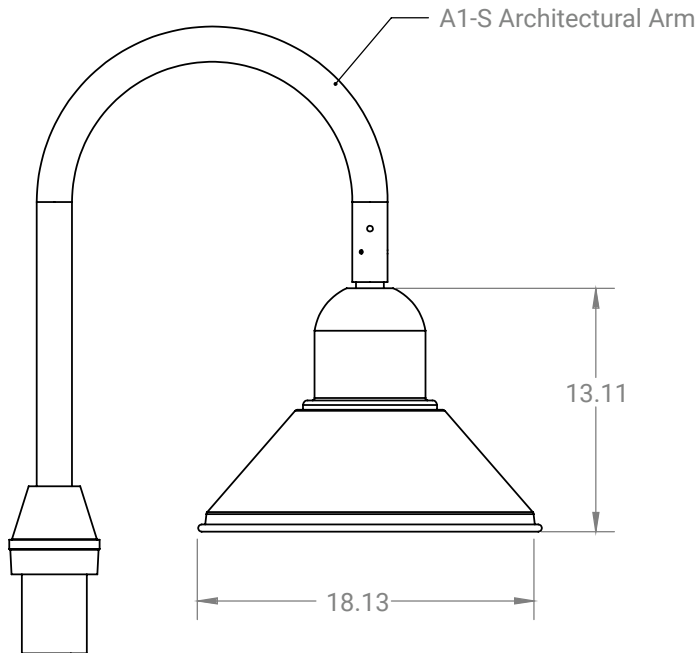
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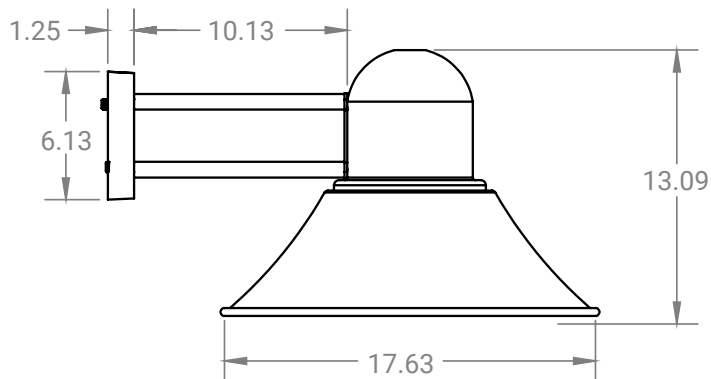
ARCHITECTURAL ARM 18

PRODUCT SPECIFICATIONS

CAL-S ARM MOUNT



CAL-S WALL MOUNT



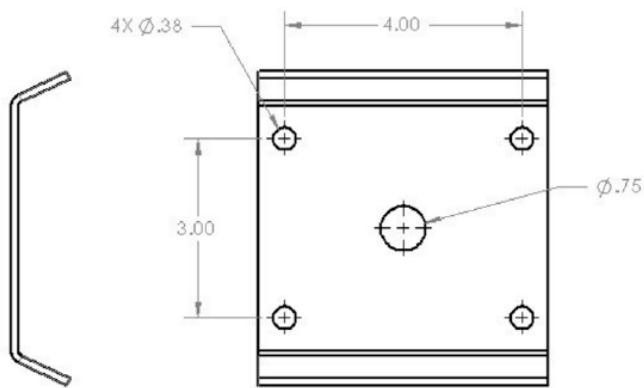
CAL-S SENSOR LOCATION



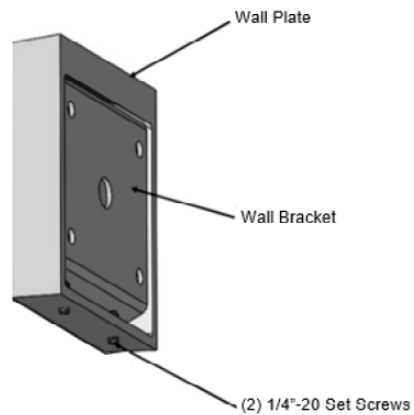
PRODUCT SPECIFICATIONS

MOUNTING INSTRUCTION

WALL MOUNTING BRACKET



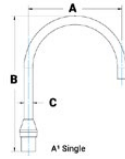
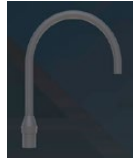
WALL MOUNTING BRACKET



- Secure the Wall Mounting Bracket to the wall.
- Connect input wires per the National Electrical/ Local Codes.
- Tilt up the Luminaire then hang it on the Wall Mounting Bracket
- Tighten the (2) 1/4" - 20 Set Screws to secure the Luminaire.

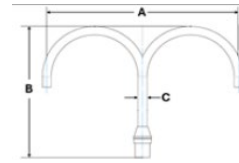
PRODUCT SPECIFICATIONS

CAL - S ARM OPTIONS



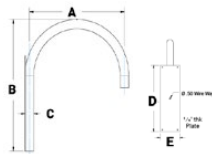
SINGLE ARMS

MODEL	A	B	C	EPA	WEIGHT (lbs)
A1-S-SGL	17"	20"	2-3/8"	0.31	6.12
A2-S-SGL	17"	29"	2-3/8"	0.47	12.24
A3-S-SGL	17"	29"	2-3/8"	0.51	19.40
A4-S-SGL	17"	20"	2-3/8"	0.40	7.52
A5-S-SGL	17"	20"	2-3/8"	0.40	7.52
A6-S-SGL	17"	20"	2-3/8"	0.40	7.52
A7-S-SGL	17"	20"	2-3/8"	0.40	7.52
A8-S-SGL	20"	18"	2-3/8"	0.40	9.37
A10-S-SGL	21.5"	30"	2-3/8"	0.40	29.25
A14-S-SGL-3.5	17"	15"	-	0.39	6.60
A14-S-SGL-4	17"	15"	-	0.39	6.60
A14-S-SGL-4.5	17"	15"	-	0.39	6.60
A14-S-SGL-5	17"	15"	-	0.39	6.60
A15-S-SGL-3.5	48"	28"	-	0.68	12.48
A15-S-SGL-4	48"	28"	-	0.68	12.48
A15-S-SGL-4.5	48"	28"	-	0.68	12.48
A15-S-SGL-5	48"	28"	-	0.68	12.48
A17-S-SGL	17"	20"	-	0.60	11.34
A18-S-SGL	21.5"	30"	-	0.72	12.21



DOUBLE ARMS

MODEL	A	B	C	EPA	WEIGHT (lbs)
A1-S-D180	34"	20"	2-3/8"	0.62	9.67
A2-S-D180	34"	29"	2-3/8"	0.81	24.48
A3-S-D180	34"	29"	2-3/8"	0.86	28.57
A4-S-D180	34"	30"	2-3/8"	0.58	13.77
A5-S-D180	34"	20"	2-3/8"	0.86	28.57
A6-S-D180	34"	20"	2-3/8"	0.86	28.57
A7-S-D180	34"	20"	2-3/8"	0.86	28.57
A8-S-D180	40"	18"	2-3/8"	0.86	18.75
A10-S-D180	43"	30"	2-3/8"	0.86	49.88
A14-S-D180-3.5	34"	20"	-	0.59	13.16
A14-S-D180-4	34"	20"	-	0.59	13.16
A14-S-D180-4.5	34"	20"	-	0.59	13.16
A14-S-D180-5	34"	20"	-	0.59	13.16
A15-S-D180-3.5	96"	28"	-	1.13	20.48
A15-S-D180-4	96"	28"	-	1.13	20.48
A15-S-D180-4.5	96"	28"	-	1.13	20.48
A15-S-D180-5	96"	28"	-	1.13	20.48
A17-S-SGL	34"	20"	-	0.93	18.31
A18-S-SGL	43"	30"	-	1.03	16.29



WALL ARMS

MODEL	A	B	C	D	E	EPA	WEIGHT (lbs)
A1-S-WM	17"	20"	2-3/8"	24"	7"	0.29	7.31
A2-S-WM	17"	29"	2-3/8"	22"	-	0.44	9.07
A3-S-WM	17"	29"	2-3/8"	-	-	0.45	13.94
A4-S-WM	17"	25"	2-3/8"	20"	7"	0.31	7.67
A5-S-WM	17"	20"	2-3/8"	24"	7"	0.32	8.23
A6-S-WM	17"	20"	2-3/8"	24"	7"	0.32	6.66
A7-S-WM	17"	20"	2-3/8"	24"	7"	0.32	6.38
A8-S-WM	20"	18"	2-3/8"	-	-	0.32	7.68
A10-S-WM	21.5"	30"	-	-	-	0.32	27.95
A14-S-WM	17"	15"	-	-	-	0.22	5.67
A15-S-WM	48"	28"	-	-	-	0.68	12.48
A17-S-WM	17"	20"	-	-	-	0.43	10.58
A18-S-WM	21.5"	30"	-	-	-	0.34	9.12

PRODUCT SPECIFICATIONS

CAL - S FIXTURE/ARM COMBINATIONS

A1-S	A2-S	A3-S	A4-S	A5-S
FIXTURE/ARM CONFIGURATIONS	FIXTURE/ARM CONFIGURATIONS	FIXTURE/ARM CONFIGURATIONS	FIXTURE/ARM CONFIGURATIONS	FIXTURE/ARM CONFIGURATIONS
CAL-S-TP1-S1-A1-S-SGL	CAL-S-TP1-S1-A2-S-SGL	CAL-S-TP1-S1-A3-S-SGL	CAL-S-TP1-S1-A4-S-SGL	CAL-S-TP1-S1-A5-S-SGL
CAL-S-TP1-S4-A1-S-SGL	CAL-S-TP1-S4-A2-S-SGL	CAL-S-TP1-S4-A3-S-SGL	CAL-S-TP1-S4-A4-S-SGL	CAL-S-TP1-S4-A5-S-SGL
CAL-S-TP1-S6-A1-S-SGL	CAL-S-TP1-S6-A2-S-SGL	CAL-S-TP1-S6-A3-S-SGL	CAL-S-TP1-S6-A4-S-SGL	CAL-S-TP1-S6-A5-S-SGL
CAL-S-TP1-S7-A1-S-SGL	CAL-S-TP1-S7-A2-S-SGL	CAL-S-TP1-S7-A3-S-SGL	CAL-S-TP1-S7-A4-S-SGL	CAL-S-TP1-S7-A5-S-SGL
CAL-S-TP1-S8-A1-S-SGL	CAL-S-TP1-S8-A2-S-SGL	CAL-S-TP1-S8-A3-S-SGL	CAL-S-TP1-S8-A4-S-SGL	CAL-S-TP1-S8-A5-S-SGL
CAL-S-TP2-S1-A1-S-SGL	CAL-S-TP2-S1-A2-S-SGL	CAL-S-TP2-S1-A3-S-SGL	CAL-S-TP2-S1-A4-S-SGL	CAL-S-TP2-S1-A5-S-SGL
CAL-S-TP2-S4-A1-S-SGL	CAL-S-TP2-S4-A2-S-SGL	CAL-S-TP2-S4-A3-S-SGL	CAL-S-TP2-S4-A4-S-SGL	CAL-S-TP2-S4-A5-S-SGL
CAL-S-TP2-S6-A1-S-SGL	CAL-S-TP2-S6-A2-S-SGL	CAL-S-TP2-S6-A3-S-SGL	CAL-S-TP2-S6-A4-S-SGL	CAL-S-TP2-S6-A5-S-SGL
CAL-S-TP2-S7-A1-S-SGL	CAL-S-TP2-S7-A2-S-SGL	CAL-S-TP2-S7-A3-S-SGL	CAL-S-TP2-S7-A4-S-SGL	CAL-S-TP2-S7-A5-S-SGL
CAL-S-TP2-S8-A1-S-SGL	CAL-S-TP2-S8-A2-S-SGL	CAL-S-TP2-S8-A3-S-SGL	CAL-S-TP2-S8-A4-S-SGL	CAL-S-TP2-S8-A5-S-SGL
CAL-S-TP3-S1-A1-S-SGL	CAL-S-TP3-S1-A2-S-SGL	CAL-S-TP3-S1-A3-S-SGL	CAL-S-TP3-S1-A4-S-SGL	CAL-S-TP3-S1-A5-S-SGL
CAL-S-TP3-S4-A1-S-SGL	CAL-S-TP3-S4-A2-S-SGL	CAL-S-TP3-S4-A3-S-SGL	CAL-S-TP3-S4-A4-S-SGL	CAL-S-TP3-S4-A5-S-SGL
CAL-S-TP3-S6-A1-S-SGL	CAL-S-TP3-S6-A2-S-SGL	CAL-S-TP3-S6-A3-S-SGL	CAL-S-TP3-S6-A4-S-SGL	CAL-S-TP3-S6-A5-S-SGL
CAL-S-TP3-S7-A1-S-SGL	CAL-S-TP3-S7-A2-S-SGL	CAL-S-TP3-S7-A3-S-SGL	CAL-S-TP3-S7-A4-S-SGL	CAL-S-TP3-S7-A5-S-SGL
CAL-S-TP3-S8-A1-S-SGL	CAL-S-TP3-S8-A2-S-SGL	CAL-S-TP3-S8-A3-S-SGL	CAL-S-TP3-S8-A4-S-SGL	CAL-S-TP3-S8-A5-S-SGL
CAL-S-TP1-S1-A1-S-D180	CAL-S-TP1-S1-A2-S-D180	CAL-S-TP1-S1-A3-S-D180	CAL-S-TP1-S1-A4-S-D180	CAL-S-TP1-S1-A5-S-D180
CAL-S-TP1-S4-A1-S-D180	CAL-S-TP1-S4-A2-S-D180	CAL-S-TP1-S4-A3-S-D180	CAL-S-TP1-S4-A4-S-D180	CAL-S-TP1-S4-A5-S-D180
CAL-S-TP1-S6-A1-S-D180	CAL-S-TP1-S6-A2-S-D180	CAL-S-TP1-S6-A3-S-D180	CAL-S-TP1-S6-A4-S-D180	CAL-S-TP1-S6-A5-S-D180
CAL-S-TP1-S7-A1-S-D180	CAL-S-TP1-S7-A2-S-D180	CAL-S-TP1-S7-A3-S-D180	CAL-S-TP1-S7-A4-S-D180	CAL-S-TP1-S7-A5-S-D180
CAL-S-TP1-S8-A1-S-D180	CAL-S-TP1-S8-A2-S-D180	CAL-S-TP1-S8-A3-S-D180	CAL-S-TP1-S8-A4-S-D180	CAL-S-TP1-S8-A5-S-D180
CAL-S-TP2-S1-A1-S-D180	CAL-S-TP2-S1-A2-S-D180	CAL-S-TP2-S1-A3-S-D180	CAL-S-TP2-S1-A4-S-D180	CAL-S-TP2-S1-A5-S-D180
CAL-S-TP2-S4-A1-S-D180	CAL-S-TP2-S4-A2-S-D180	CAL-S-TP2-S4-A3-S-D180	CAL-S-TP2-S4-A4-S-D180	CAL-S-TP2-S4-A5-S-D180
CAL-S-TP2-S6-A1-S-D180	CAL-S-TP2-S6-A2-S-D180	CAL-S-TP2-S6-A3-S-D180	CAL-S-TP2-S6-A4-S-D180	CAL-S-TP2-S6-A5-S-D180
CAL-S-TP2-S7-A1-S-D180	CAL-S-TP2-S7-A2-S-D180	CAL-S-TP2-S7-A3-S-D180	CAL-S-TP2-S7-A4-S-D180	CAL-S-TP2-S7-A5-S-D180
CAL-S-TP2-S8-A1-S-D180	CAL-S-TP2-S8-A2-S-D180	CAL-S-TP2-S8-A3-S-D180	CAL-S-TP2-S8-A4-S-D180	CAL-S-TP2-S8-A5-S-D180
CAL-S-TP3-S1-A1-S-D180	CAL-S-TP3-S1-A2-S-D180	CAL-S-TP3-S1-A3-S-D180	CAL-S-TP3-S1-A4-S-D180	CAL-S-TP3-S1-A5-S-D180
CAL-S-TP3-S4-A1-S-D180	CAL-S-TP3-S4-A2-S-D180	CAL-S-TP3-S4-A3-S-D180	CAL-S-TP3-S4-A4-S-D180	CAL-S-TP3-S4-A5-S-D180
CAL-S-TP3-S6-A1-S-D180	CAL-S-TP3-S6-A2-S-D180	CAL-S-TP3-S6-A3-S-D180	CAL-S-TP3-S6-A4-S-D180	CAL-S-TP3-S6-A5-S-D180
CAL-S-TP3-S7-A1-S-D180	CAL-S-TP3-S7-A2-S-D180	CAL-S-TP3-S7-A3-S-D180	CAL-S-TP3-S7-A4-S-D180	CAL-S-TP3-S7-A5-S-D180
CAL-S-TP3-S8-A1-S-D180	CAL-S-TP3-S8-A2-S-D180	CAL-S-TP3-S8-A3-S-D180	CAL-S-TP3-S8-A4-S-D180	CAL-S-TP3-S8-A5-S-D180
CAL-S-TP1-S1-A1-S-WM	CAL-S-TP1-S1-A2-S-WM	CAL-S-TP1-S1-A3-S-WM	CAL-S-TP1-S1-A4-S-WM	CAL-S-TP1-S1-A5-S-WM
CAL-S-TP1-S4-A1-S-WM	CAL-S-TP1-S4-A2-S-WM	CAL-S-TP1-S4-A3-S-WM	CAL-S-TP1-S4-A4-S-WM	CAL-S-TP1-S4-A5-S-WM
CAL-S-TP1-S6-A1-S-WM	CAL-S-TP1-S6-A2-S-WM	CAL-S-TP1-S6-A3-S-WM	CAL-S-TP1-S6-A4-S-WM	CAL-S-TP1-S6-A5-S-WM
CAL-S-TP1-S7-A1-S-WM	CAL-S-TP1-S7-A2-S-WM	CAL-S-TP1-S7-A3-S-WM	CAL-S-TP1-S7-A4-S-WM	CAL-S-TP1-S7-A5-S-WM
CAL-S-TP1-S8-A1-S-WM	CAL-S-TP1-S8-A2-S-WM	CAL-S-TP1-S8-A3-S-WM	CAL-S-TP1-S8-A4-S-WM	CAL-S-TP1-S8-A5-S-WM
CAL-S-TP2-S1-A1-S-WM	CAL-S-TP2-S1-A2-S-WM	CAL-S-TP2-S1-A3-S-WM	CAL-S-TP2-S1-A4-S-WM	CAL-S-TP2-S1-A5-S-WM
CAL-S-TP2-S4-A1-S-WM	CAL-S-TP2-S4-A2-S-WM	CAL-S-TP2-S4-A3-S-WM	CAL-S-TP2-S4-A4-S-WM	CAL-S-TP2-S4-A5-S-WM
CAL-S-TP2-S6-A1-S-WM	CAL-S-TP2-S6-A2-S-WM	CAL-S-TP2-S6-A3-S-WM	CAL-S-TP2-S6-A4-S-WM	CAL-S-TP2-S6-A5-S-WM
CAL-S-TP2-S7-A1-S-WM	CAL-S-TP2-S7-A2-S-WM	CAL-S-TP2-S7-A3-S-WM	CAL-S-TP2-S7-A4-S-WM	CAL-S-TP2-S7-A5-S-WM
CAL-S-TP2-S8-A1-S-WM	CAL-S-TP2-S8-A2-S-WM	CAL-S-TP2-S8-A3-S-WM	CAL-S-TP2-S8-A4-S-WM	CAL-S-TP2-S8-A5-S-WM
CAL-S-TP3-S1-A1-S-WM	CAL-S-TP3-S1-A2-S-WM	CAL-S-TP3-S1-A3-S-WM	CAL-S-TP3-S1-A4-S-WM	CAL-S-TP3-S1-A5-S-WM
CAL-S-TP3-S4-A1-S-WM	CAL-S-TP3-S4-A2-S-WM	CAL-S-TP3-S4-A3-S-WM	CAL-S-TP3-S4-A4-S-WM	CAL-S-TP3-S4-A5-S-WM
CAL-S-TP3-S6-A1-S-WM	CAL-S-TP3-S6-A2-S-WM	CAL-S-TP3-S6-A3-S-WM	CAL-S-TP3-S6-A4-S-WM	CAL-S-TP3-S6-A5-S-WM
CAL-S-TP3-S7-A1-S-WM	CAL-S-TP3-S7-A2-S-WM	CAL-S-TP3-S7-A3-S-WM	CAL-S-TP3-S7-A4-S-WM	CAL-S-TP3-S7-A5-S-WM
CAL-S-TP3-S8-A1-S-WM	CAL-S-TP3-S8-A2-S-WM	CAL-S-TP3-S8-A3-S-WM	CAL-S-TP3-S8-A4-S-WM	CAL-S-TP3-S8-A5-S-WM

PRODUCT SPECIFICATIONS

CAL - S FIXTURE/ARM COMBINATIONS

A6-S

FIXTURE/ARM CONFIGURATIONS
CAL-S-TP1-S1-A6-S-SGL
CAL-S-TP1-S4-A6-S-SGL
CAL-S-TP1-S6-A6-S-SGL
CAL-S-TP1-S7-A6-S-SGL
CAL-S-TP1-S8-A6-S-SGL
CAL-S-TP2-S1-A6-S-SGL
CAL-S-TP2-S4-A6-S-SGL
CAL-S-TP2-S6-A6-S-SGL
CAL-S-TP2-S7-A6-S-SGL
CAL-S-TP2-S8-A6-S-SGL
CAL-S-TP3-S1-A6-S-SGL
CAL-S-TP3-S4-A6-S-SGL
CAL-S-TP3-S6-A6-S-SGL
CAL-S-TP3-S7-A6-S-SGL
CAL-S-TP3-S8-A6-S-SGL
CAL-S-TP1-S1-A6-S-D180
CAL-S-TP1-S4-A6-S-D180
CAL-S-TP1-S6-A6-S-D180
CAL-S-TP1-S7-A6-S-D180
CAL-S-TP1-S8-A6-S-D180
CAL-S-TP2-S1-A6-S-D180
CAL-S-TP2-S4-A6-S-D180
CAL-S-TP2-S6-A6-S-D180
CAL-S-TP2-S7-A6-S-D180
CAL-S-TP2-S8-A6-S-D180
CAL-S-TP3-S1-A6-S-D180
CAL-S-TP3-S4-A6-S-D180
CAL-S-TP3-S6-A6-S-D180
CAL-S-TP3-S7-A6-S-D180
CAL-S-TP3-S8-A6-S-D180
CAL-S-TP1-S1-A6-S-WM
CAL-S-TP1-S4-A6-S-WM
CAL-S-TP1-S6-A6-S-WM
CAL-S-TP1-S7-A6-S-WM
CAL-S-TP1-S8-A6-S-WM
CAL-S-TP2-S1-A6-S-WM
CAL-S-TP2-S4-A6-S-WM
CAL-S-TP2-S6-A6-S-WM
CAL-S-TP2-S7-A6-S-WM
CAL-S-TP2-S8-A6-S-WM
CAL-S-TP3-S1-A6-S-WM
CAL-S-TP3-S4-A6-S-WM
CAL-S-TP3-S6-A6-S-WM
CAL-S-TP3-S7-A6-S-WM
CAL-S-TP3-S8-A6-S-WM

A7-S

FIXTURE/ARM CONFIGURATIONS
CAL-S-TP1-S1-A7-S-SGL
CAL-S-TP1-S4-A7-S-SGL
CAL-S-TP1-S6-A7-S-SGL
CAL-S-TP1-S7-A7-S-SGL
CAL-S-TP1-S8-A7-S-SGL
CAL-S-TP2-S1-A7-S-SGL
CAL-S-TP2-S4-A7-S-SGL
CAL-S-TP2-S6-A7-S-SGL
CAL-S-TP2-S7-A7-S-SGL
CAL-S-TP2-S8-A7-S-SGL
CAL-S-TP3-S1-A7-S-SGL
CAL-S-TP3-S4-A7-S-SGL
CAL-S-TP3-S6-A7-S-SGL
CAL-S-TP3-S7-A7-S-SGL
CAL-S-TP3-S8-A7-S-SGL
CAL-S-TP1-S1-A7-S-D180
CAL-S-TP1-S4-A7-S-D180
CAL-S-TP1-S6-A7-S-D180
CAL-S-TP1-S7-A7-S-D180
CAL-S-TP1-S8-A7-S-D180
CAL-S-TP2-S1-A7-S-D180
CAL-S-TP2-S4-A7-S-D180
CAL-S-TP2-S6-A7-S-D180
CAL-S-TP2-S7-A7-S-D180
CAL-S-TP2-S8-A7-S-D180
CAL-S-TP3-S1-A7-S-D180
CAL-S-TP3-S4-A7-S-D180
CAL-S-TP3-S6-A7-S-D180
CAL-S-TP3-S7-A7-S-D180
CAL-S-TP3-S8-A7-S-D180
CAL-S-TP1-S1-A7-S-WM
CAL-S-TP1-S4-A7-S-WM
CAL-S-TP1-S6-A7-S-WM
CAL-S-TP1-S7-A7-S-WM
CAL-S-TP1-S8-A7-S-WM
CAL-S-TP2-S1-A7-S-WM
CAL-S-TP2-S4-A7-S-WM
CAL-S-TP2-S6-A7-S-WM
CAL-S-TP2-S7-A7-S-WM
CAL-S-TP2-S8-A7-S-WM
CAL-S-TP3-S1-A7-S-WM
CAL-S-TP3-S4-A7-S-WM
CAL-S-TP3-S6-A7-S-WM
CAL-S-TP3-S7-A7-S-WM
CAL-S-TP3-S8-A7-S-WM

A8-S

FIXTURE/ARM CONFIGURATIONS
CAL-S-TP1-S1-A8-S-SGL
CAL-S-TP1-S4-A8-S-SGL
CAL-S-TP1-S6-A8-S-SGL
CAL-S-TP1-S7-A8-S-SGL
CAL-S-TP1-S8-A8-S-SGL
CAL-S-TP2-S1-A8-S-SGL
CAL-S-TP2-S4-A8-S-SGL
CAL-S-TP2-S6-A8-S-SGL
CAL-S-TP2-S7-A8-S-SGL
CAL-S-TP2-S8-A8-S-SGL
CAL-S-TP3-S1-A8-S-SGL
CAL-S-TP3-S4-A8-S-SGL
CAL-S-TP3-S6-A8-S-SGL
CAL-S-TP3-S7-A8-S-SGL
CAL-S-TP3-S8-A8-S-SGL
CAL-S-TP1-S1-A8-S-D180
CAL-S-TP1-S4-A8-S-D180
CAL-S-TP1-S6-A8-S-D180
CAL-S-TP1-S7-A8-S-D180
CAL-S-TP1-S8-A8-S-D180
CAL-S-TP2-S1-A8-S-D180
CAL-S-TP2-S4-A8-S-D180
CAL-S-TP2-S6-A8-S-D180
CAL-S-TP2-S7-A8-S-D180
CAL-S-TP2-S8-A8-S-D180
CAL-S-TP3-S1-A8-S-D180
CAL-S-TP3-S4-A8-S-D180
CAL-S-TP3-S6-A8-S-D180
CAL-S-TP3-S7-A8-S-D180
CAL-S-TP3-S8-A8-S-D180
CAL-S-TP1-S1-A8-S-WM
CAL-S-TP1-S4-A8-S-WM
CAL-S-TP1-S6-A8-S-WM
CAL-S-TP1-S7-A8-S-WM
CAL-S-TP1-S8-A8-S-WM
CAL-S-TP2-S1-A8-S-WM
CAL-S-TP2-S4-A8-S-WM
CAL-S-TP2-S6-A8-S-WM
CAL-S-TP2-S7-A8-S-WM
CAL-S-TP2-S8-A8-S-WM
CAL-S-TP3-S1-A8-S-WM
CAL-S-TP3-S4-A8-S-WM
CAL-S-TP3-S6-A8-S-WM
CAL-S-TP3-S7-A8-S-WM
CAL-S-TP3-S8-A8-S-WM

A10-S

FIXTURE/ARM CONFIGURATIONS
CAL-S-TP1-S1-A10-S-SGL
CAL-S-TP1-S4-A10-S-SGL
CAL-S-TP1-S6-A10-S-SGL
CAL-S-TP1-S7-A10-S-SGL
CAL-S-TP1-S8-A10-S-SGL
CAL-S-TP2-S1-A10-S-SGL
CAL-S-TP2-S4-A10-S-SGL
CAL-S-TP2-S6-A10-S-SGL
CAL-S-TP2-S7-A10-S-SGL
CAL-S-TP2-S8-A10-S-SGL
CAL-S-TP3-S1-A10-S-SGL
CAL-S-TP3-S4-A10-S-SGL
CAL-S-TP3-S6-A10-S-SGL
CAL-S-TP3-S7-A10-S-SGL
CAL-S-TP3-S8-A10-S-SGL
CAL-S-TP1-S1-A10-S-D180
CAL-S-TP1-S4-A10-S-D180
CAL-S-TP1-S6-A10-S-D180
CAL-S-TP1-S7-A10-S-D180
CAL-S-TP1-S8-A10-S-D180
CAL-S-TP2-S1-A10-S-D180
CAL-S-TP2-S4-A10-S-D180
CAL-S-TP2-S6-A10-S-D180
CAL-S-TP2-S7-A10-S-D180
CAL-S-TP2-S8-A10-S-D180
CAL-S-TP3-S1-A10-S-D180
CAL-S-TP3-S4-A10-S-D180
CAL-S-TP3-S6-A10-S-D180
CAL-S-TP3-S7-A10-S-D180
CAL-S-TP3-S8-A10-S-D180
CAL-S-TP1-S1-A10-S-WM
CAL-S-TP1-S4-A10-S-WM
CAL-S-TP1-S6-A10-S-WM
CAL-S-TP1-S7-A10-S-WM
CAL-S-TP1-S8-A10-S-WM
CAL-S-TP2-S1-A10-S-WM
CAL-S-TP2-S4-A10-S-WM
CAL-S-TP2-S6-A10-S-WM
CAL-S-TP2-S7-A10-S-WM
CAL-S-TP2-S8-A10-S-WM
CAL-S-TP3-S1-A10-S-WM
CAL-S-TP3-S4-A10-S-WM
CAL-S-TP3-S6-A10-S-WM
CAL-S-TP3-S7-A10-S-WM
CAL-S-TP3-S8-A10-S-WM

A14-S

FIXTURE/ARM CONFIGURATIONS
CAL-S-TP1-S1-A14-S-SGL
CAL-S-TP1-S4-A14-S-SGL
CAL-S-TP1-S6-A14-S-SGL
CAL-S-TP1-S7-A14-S-SGL
CAL-S-TP1-S8-A14-S-SGL
CAL-S-TP2-S1-A14-S-SGL
CAL-S-TP2-S4-A14-S-SGL
CAL-S-TP2-S6-A14-S-SGL
CAL-S-TP2-S7-A14-S-SGL
CAL-S-TP2-S8-A14-S-SGL
CAL-S-TP3-S1-A14-S-SGL
CAL-S-TP3-S4-A14-S-SGL
CAL-S-TP3-S6-A14-S-SGL
CAL-S-TP3-S7-A14-S-SGL
CAL-S-TP3-S8-A14-S-SGL
CAL-S-TP1-S1-A14-S-D180
CAL-S-TP1-S4-A14-S-D180
CAL-S-TP1-S6-A14-S-D180
CAL-S-TP1-S7-A14-S-D180
CAL-S-TP1-S8-A14-S-D180
CAL-S-TP2-S1-A14-S-D180
CAL-S-TP2-S4-A14-S-D180
CAL-S-TP2-S6-A14-S-D180
CAL-S-TP2-S7-A14-S-D180
CAL-S-TP2-S8-A14-S-D180
CAL-S-TP3-S1-A14-S-D180
CAL-S-TP3-S4-A14-S-D180
CAL-S-TP3-S6-A14-S-D180
CAL-S-TP3-S7-A14-S-D180
CAL-S-TP3-S8-A14-S-D180
CAL-S-TP1-S1-A14-S-WM
CAL-S-TP1-S4-A14-S-WM
CAL-S-TP1-S6-A14-S-WM
CAL-S-TP1-S7-A14-S-WM
CAL-S-TP1-S8-A14-S-WM
CAL-S-TP2-S1-A14-S-WM
CAL-S-TP2-S4-A14-S-WM
CAL-S-TP2-S6-A14-S-WM
CAL-S-TP2-S7-A14-S-WM
CAL-S-TP2-S8-A14-S-WM
CAL-S-TP3-S1-A14-S-WM
CAL-S-TP3-S4-A14-S-WM
CAL-S-TP3-S6-A14-S-WM
CAL-S-TP3-S7-A14-S-WM
CAL-S-TP3-S8-A14-S-WM

PRODUCT SPECIFICATIONS

CAL - S FIXTURE/ARM COMBINATIONS

A15-S

FIXTURE/ARM CONFIGURATIONS
CAL-S-TP1-S1-A15-S-SGL
CAL-S-TP1-S4-A15-S-SGL
CAL-S-TP1-S6-A15-S-SGL
CAL-S-TP1-S7-A15-S-SGL
CAL-S-TP1-S8-A15-S-SGL
CAL-S-TP2-S1-A15-S-SGL
CAL-S-TP2-S4-A15-S-SGL
CAL-S-TP2-S6-A15-S-SGL
CAL-S-TP2-S7-A15-S-SGL
CAL-S-TP2-S8-A15-S-SGL
CAL-S-TP3-S1-A15-S-SGL
CAL-S-TP3-S4-A15-S-SGL
CAL-S-TP3-S6-A15-S-SGL
CAL-S-TP3-S7-A15-S-SGL
CAL-S-TP3-S8-A15-S-SGL
CAL-S-TP1-S1-A15-S-D180
CAL-S-TP1-S4-A15-S-D180
CAL-S-TP1-S6-A15-S-D180
CAL-S-TP1-S7-A15-S-D180
CAL-S-TP1-S8-A15-S-D180
CAL-S-TP2-S1-A15-S-D180
CAL-S-TP2-S4-A15-S-D180
CAL-S-TP2-S6-A15-S-D180
CAL-S-TP2-S7-A15-S-D180
CAL-S-TP2-S8-A15-S-D180
CAL-S-TP3-S1-A15-S-D180
CAL-S-TP3-S4-A15-S-D180
CAL-S-TP3-S6-A15-S-D180
CAL-S-TP3-S7-A15-S-D180
CAL-S-TP3-S8-A15-S-D180
CAL-S-TP1-S1-A15-S-WM
CAL-S-TP1-S4-A15-S-WM
CAL-S-TP1-S6-A15-S-WM
CAL-S-TP1-S7-A15-S-WM
CAL-S-TP1-S8-A15-S-WM
CAL-S-TP2-S1-A15-S-WM
CAL-S-TP2-S4-A15-S-WM
CAL-S-TP2-S6-A15-S-WM
CAL-S-TP2-S7-A15-S-WM
CAL-S-TP2-S8-A15-S-WM
CAL-S-TP3-S1-A15-S-WM
CAL-S-TP3-S4-A15-S-WM
CAL-S-TP3-S6-A15-S-WM
CAL-S-TP3-S7-A15-S-WM
CAL-S-TP3-S8-A15-S-WM

A17-S

FIXTURE/ARM CONFIGURATIONS
CAL-S-TP1-S1-A17-S-SGL
CAL-S-TP1-S4-A17-S-SGL
CAL-S-TP1-S6-A17-S-SGL
CAL-S-TP1-S7-A17-S-SGL
CAL-S-TP1-S8-A17-S-SGL
CAL-S-TP2-S1-A17-S-SGL
CAL-S-TP2-S4-A17-S-SGL
CAL-S-TP2-S6-A17-S-SGL
CAL-S-TP2-S7-A17-S-SGL
CAL-S-TP2-S8-A17-S-SGL
CAL-S-TP3-S1-A17-S-SGL
CAL-S-TP3-S4-A17-S-SGL
CAL-S-TP3-S6-A17-S-SGL
CAL-S-TP3-S7-A17-S-SGL
CAL-S-TP3-S8-A17-S-SGL
CAL-S-TP1-S1-A17-S-D180
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CAL-S-TP1-S6-A17-S-D180
CAL-S-TP1-S7-A17-S-D180
CAL-S-TP1-S8-A17-S-D180
CAL-S-TP2-S1-A17-S-D180
CAL-S-TP2-S4-A17-S-D180
CAL-S-TP2-S6-A17-S-D180
CAL-S-TP2-S7-A17-S-D180
CAL-S-TP2-S8-A17-S-D180
CAL-S-TP3-S1-A17-S-D180
CAL-S-TP3-S4-A17-S-D180
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CAL-S-TP3-S7-A17-S-D180
CAL-S-TP3-S8-A17-S-D180
CAL-S-TP1-S1-A17-S-WM
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CAL-S-TP1-S6-A17-S-WM
CAL-S-TP1-S7-A17-S-WM
CAL-S-TP1-S8-A17-S-WM
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CAL-S-TP2-S6-A17-S-WM
CAL-S-TP2-S7-A17-S-WM
CAL-S-TP2-S8-A17-S-WM
CAL-S-TP3-S1-A17-S-WM
CAL-S-TP3-S4-A17-S-WM
CAL-S-TP3-S6-A17-S-WM
CAL-S-TP3-S7-A17-S-WM
CAL-S-TP3-S8-A17-S-WM

A18-S

FIXTURE/ARM CONFIGURATIONS
CAL-S-TP1-S1-A18-S-SGL
CAL-S-TP1-S4-A18-S-SGL
CAL-S-TP1-S6-A18-S-SGL
CAL-S-TP1-S7-A18-S-SGL
CAL-S-TP1-S8-A18-S-SGL
CAL-S-TP2-S1-A18-S-SGL
CAL-S-TP2-S4-A18-S-SGL
CAL-S-TP2-S6-A18-S-SGL
CAL-S-TP2-S7-A18-S-SGL
CAL-S-TP2-S8-A18-S-SGL
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CAL-S-TP3-S4-A18-S-SGL
CAL-S-TP3-S6-A18-S-SGL
CAL-S-TP3-S7-A18-S-SGL
CAL-S-TP3-S8-A18-S-SGL
CAL-S-TP1-S1-A18-S-D180
CAL-S-TP1-S4-A18-S-D180
CAL-S-TP1-S6-A18-S-D180
CAL-S-TP1-S7-A18-S-D180
CAL-S-TP1-S8-A18-S-D180
CAL-S-TP2-S1-A18-S-D180
CAL-S-TP2-S4-A18-S-D180
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CAL-S-TP3-S7-A18-S-D180
CAL-S-TP3-S8-A18-S-D180
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CAL-S-TP1-S8-A18-S-WM
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CAL-S-TP2-S6-A18-S-WM
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CAL-S-TP2-S8-A18-S-WM
CAL-S-TP3-S1-A18-S-WM
CAL-S-TP3-S4-A18-S-WM
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CAL-S-TP3-S8-A18-S-WM

PRODUCT SPECIFICATIONS

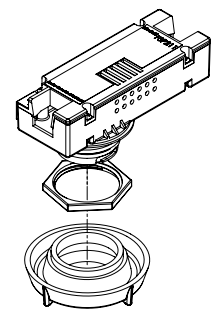
CONTROL OPTIONS

- DIMMING CONTROL (FSP)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- FSP-8 mounting heights 8 feet and below
- FSP-20 mounting heights 9-20 feet.
- FSP-40 mounting heights 21-40 feet.
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.

FSP-211 WITH MOTION SENSOR (FSP-XX)

- FSP-211(FSP-X)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
- 120/277VAC, 230-240VAC
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- FSP-8 mounting heights 8 feet and below
- FSP-20 mounting heights 9-20 feet.
- FSP-40 mounting heights 21-40 feet.
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.
- Standard white finish.

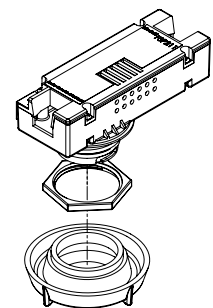
FSP-211



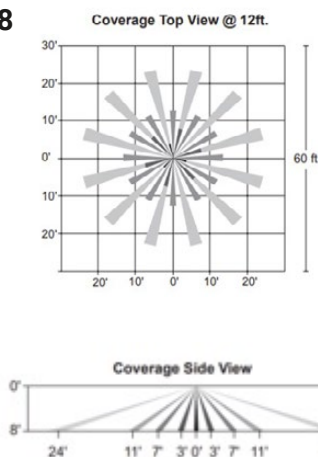
FSP-221 WITH MOTION SENSOR (FSP-HV-XX)

- FSP-221 (FSP-HV-X)—Passive infrared (PIR) sensor providing multi-level control based on motion/daylight contribution.
- 100-347VAC 208/230/480VAC
- All control parameters adjustable via wireless configuration remote storing and transmitting sensor profiles.
- FSP-8 mounting heights 8 feet and below
- FSP-20 mounting heights 9-20 feet.
- FSP-40 mounting heights 21-40 feet.
- Includes 5 dimming event cycles, 0-10V dimming with motion sensing, re-programmable in the field.

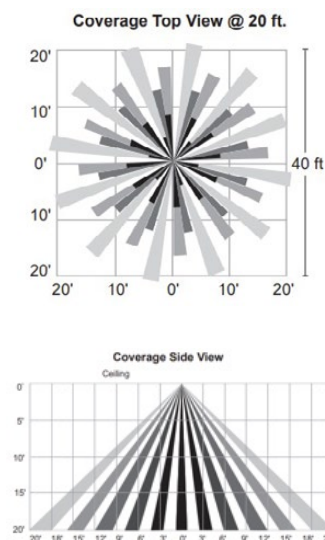
FSP-221



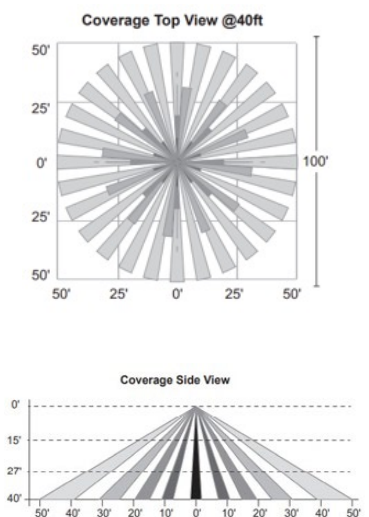
FSP-8



FSP-20



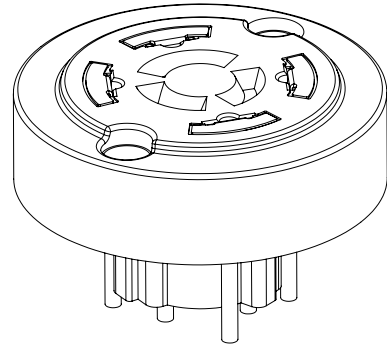
FSP-40



PRODUCT SPECIFICATIONS

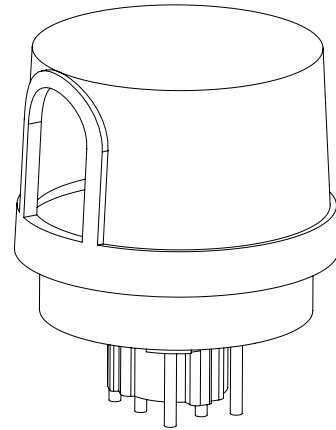
NEMA 7-PIN RECEPTACLE (PE7)

An ANSI C136.41-2013 receptacle provides electrical and mechanical interconnection between photo control cell and luminaire. Dimming receptacle available two or four dimming contacts supports 0-10 VDC dimming methods or Digital Addressable Lighting Interface (DALI), providing reliable power interconnect.



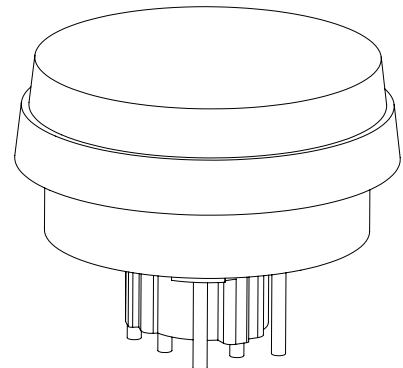
PHOTOCELL + RECEPTACLE (PCR)

7-Pin Receptacle and Electronic Twist Lock
Photocell for dusk to dawn operation.



RECEPTACLE + SHORTING CAP (PER)

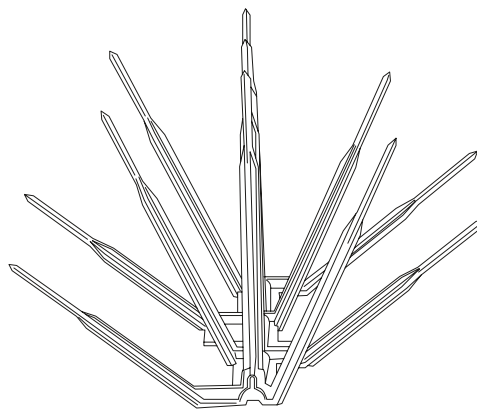
7-Pin Receptacle and Shorting Cap.



PRODUCT SPECIFICATIONS

BIRD SPIKES (BS)

Bird Spikes offers effective and humane deterrent for larger bird species and provides cost-effective long-term solution to nuisance bird infestations and protect your property.



MARINE GRADE FINISH (MGF)

The (MGF) is a multi step process. Chemically washed in a 5 stage cleaning system. Pre-baked. Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.



Powder Coat Finish

3-5 mil Powder Coat

Primer Layer

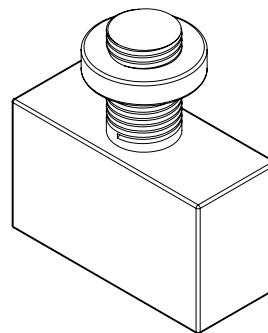
3-5 mil Zinc Rich Super Durable Polyester Primer

Prepared Casting

Chemically washed in multi Step 5 stage cleaning process

BUTTON PHOTOCELL (PC)

Photocell for dusk to dawn operation.
Consult Factory.



BLACK OPTIC FRAME

Optional Black Optic Frame
(includes black hardware)
Standard Optic Frame is white.

