SPT

eralux®

LINEAR LED LIGHT

Suspended Architecture Linear | 2.5" Aperture | Direct/Indirect

The SPT is a Linear Architectural LED Light, designed to deliver both direct and indirect lighting for a seamless ambiance. Featuring a selection of diffuser options—including parabolic louver, drop, and wall wash lenses. Our linear supports continuous runs, creating a unified lighting design that enhances the aesthetic of any environment. Custom designs are achievable; X-T-L shapes and honey-comb designs.

Applications: Art Galleries | Office | Retail Stores | Hospitality | Education

| | DATE | QTY | ACC. QTY | ТҮРЕ |
|--------------|------|-----|----------|------|
| | | | | |
| PROJECT | | | | |
| PN | | | | |
| ACCESSORY PN | | | | |
| NOTES | | | | |

| DYNAMIC MENU | | |
|-------------------|---------|--|
| Order Information | Page 2 | |
| Dimensions | Page 5 | |
| Accessories | Page 9 | |
| Photometric Data | Page 13 | |

Install Instruction link

SPECIFICATIONS

| Input Voltage | 120-347V | | |
|---------------------------|--|-------|--|
| Power Factor | >0.9 | | |
| Total Harmonic Distortion | <20% | | |
| Dimming Page 4 | 0-10V dimming | | |
| CRI | 80 CRI | | |
| сст | 30K 35K 40K 50K | | |
| Efficacy | ~125 lm/W ~1550 | lm/ft | |
| Length | 2/3/4/6/8' | | |
| Power | 30/40/50/80/100W | | |
| Ambient Temperature Range | -10°C to 40°C | | |
| Mounting Options | Suspended | | |
| Fixture Finish | Black White Silver Gun powder | | |
| Custom Design | X, L, T shapes Continuous runs Hexagon Shapes | | |
| Optics | Polycarbonate Drop lens Wall Wash Parabolic louver | | |
| Distribution | 30% 70% | | |

120°

PRODUCT FEATURES







PRODUCT CERTIFICATIONS







Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified" page 4

SYSTEM WARRANTY - 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE - L85 at 50,000 hours

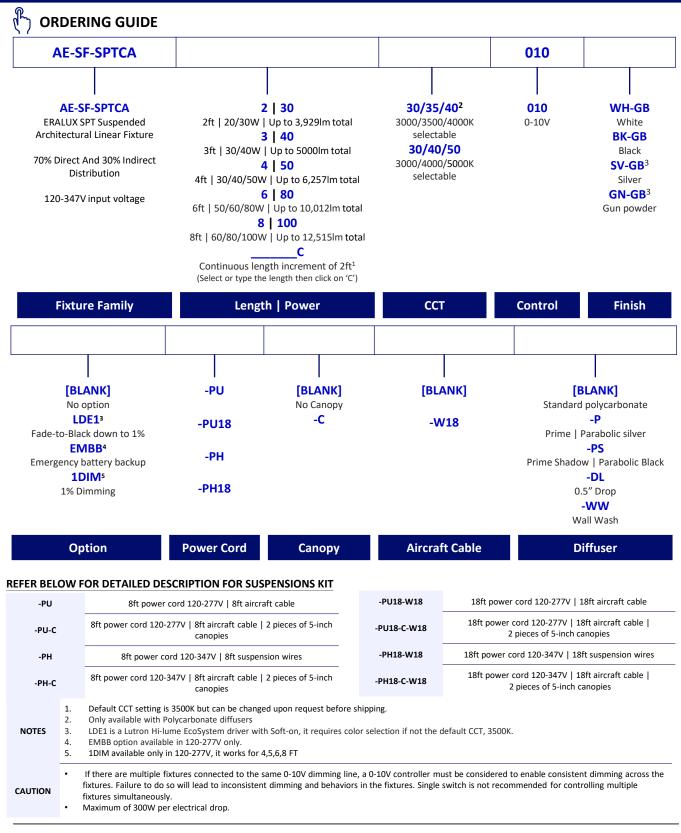
Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

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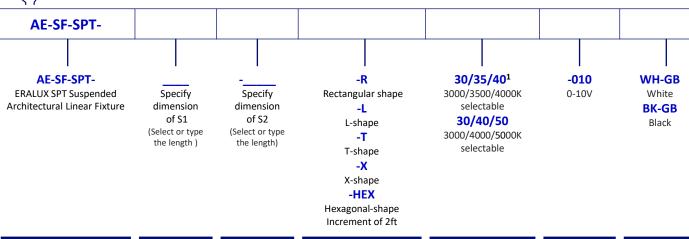
SPT

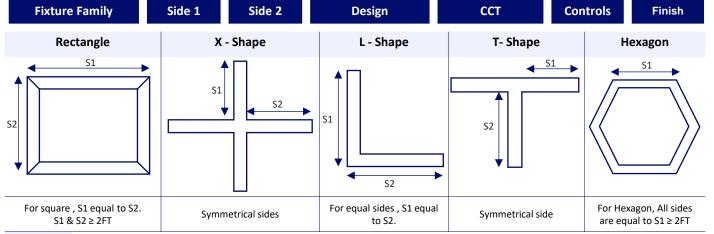
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ORDERING GUIDE – CUSTOM DESIGN





NOTES

- Only available with Polycarbonate lens diffusers
- · For more complex designs, contact factory
- The precise dimensions will be provided by factory upon request or refer to the dimensions in page 6.

ORDERING GUIDE – TRIAC Dimming



CAUTION:

- If there are multiple fixtures connected to the same 0-10V dimming line, a 0-10V controller must be considered to enable consistent dimming across the fixtures. Failure to do so will lead to inconsistent dimming and behaviors in the fixtures. Single switch is not recommended for controlling multiple fixtures simultaneously.
- Maximum of 300W per electrical drop.







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LUMEN OUTPUT

| LENGTH | EFFICACY | OUTPUT POWER | | DIRECT OUTPUT | INDIRECT OUTPUT |
|--------|-------------------------------|------------------------------|-----------------|---------------|-----------------|
| 25- | | 20/30 watts | 20W 2500 lm | 14W 1750 lm | 6W 750 lm |
| 2FT | | switchable | 30W 3750 lm | 21W 2625 lm | 9W 1125 lm |
| | | 30/40/50 watts | 30W 3750 lm | 21W 2625 lm | 9W 1125 lm |
| 4FT | | switchable | 40W 5000 lm | 28W 3500 lm | 12W 1500 lm |
| | Avg | 50W 6250 lm | 35W 4375 lm | 15W 1875 lm | |
| | ~125 lm/W ~1550 lm/ft | 50/60/70 watts switchable | 50W 6250 lm | 35W 4375 lm | 15W 1875 lm |
| 6FT | 1550 1111/10 | | 60W 7500 lm | 42W 5250 lm | 18W 2250 lm |
| | | 80W 10000 lm | 56W 7000 lm | 24W 3000 lm | |
| | 70/85/100 watts switchable | 60W 7500 lm | 42W 5250 lm | 18W 2250 lm | |
| 8FT | | switchable | 80W 10000 lm | 56W 7000 lm | 24W 3000 lm |
| | | | 100W 12500 lm | 70W 8750 lm | 30W 3750 lm |



| DLC MODEL | PRODUCT ID |
|---------------------------------|------------|
| AE-SF-SPTCA23030-35-40010YY-GB | S-CQBS3J |
| AE-SF-SPTCA45030-35-40010YY-GB | S-OTKXJP |
| AE-SF-SPTCA810030-35-40010YY-GB | S-IZ25K3 |

DIMMER COMPATIBILITY LIST

0-10V Dimming

| BRAND | MODEL | BRAND | MODEL |
|---------|-----------|---------|-------------|
| LEVITON | IP710-LFZ | LEGRAND | RH4FBL3PTC |
| LEVITON | DS710 | EATON | WBSD-010SLD |
| LUTRON | DVS7V-WH | HUBBLE | LHDIRS3N |
| LUTRON | MS-Z101 | | |

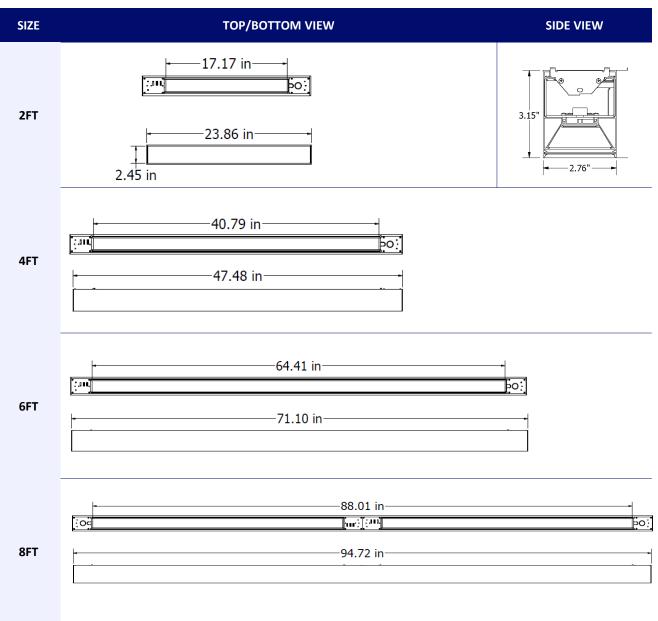


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Suspended Architecture Linear | 2.5" Aperture | Direct/Indirect

DIMENSIONS

Fixture



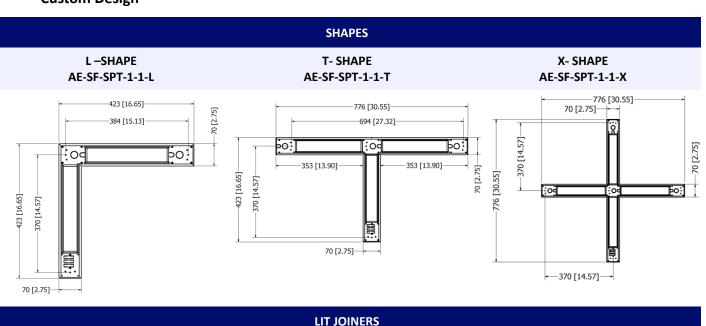
LINEAR LED LIGHT

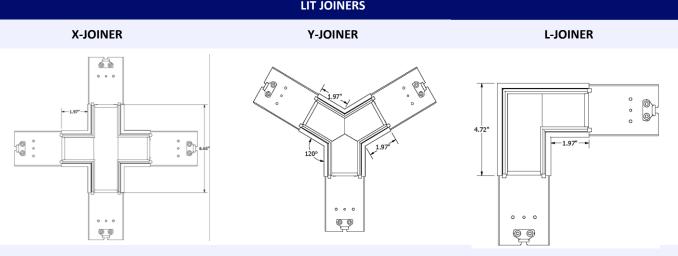
Suspended Architecture Linear | 2.5" Aperture | Direct/Indirect

DIMENSIONS

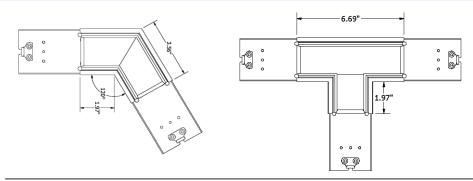
Custom Design

V-JOINER





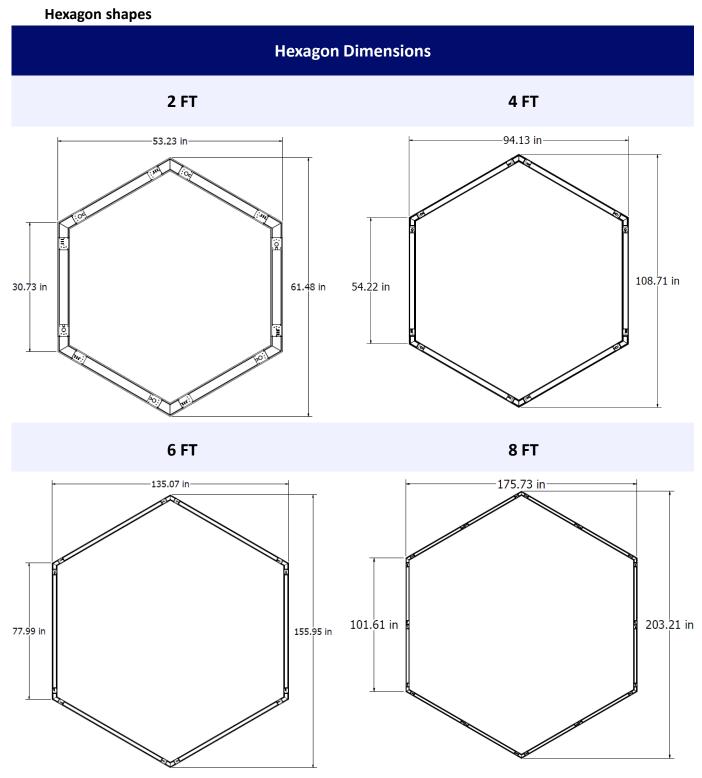
T-JOINER



LINEAR LED LIGHT

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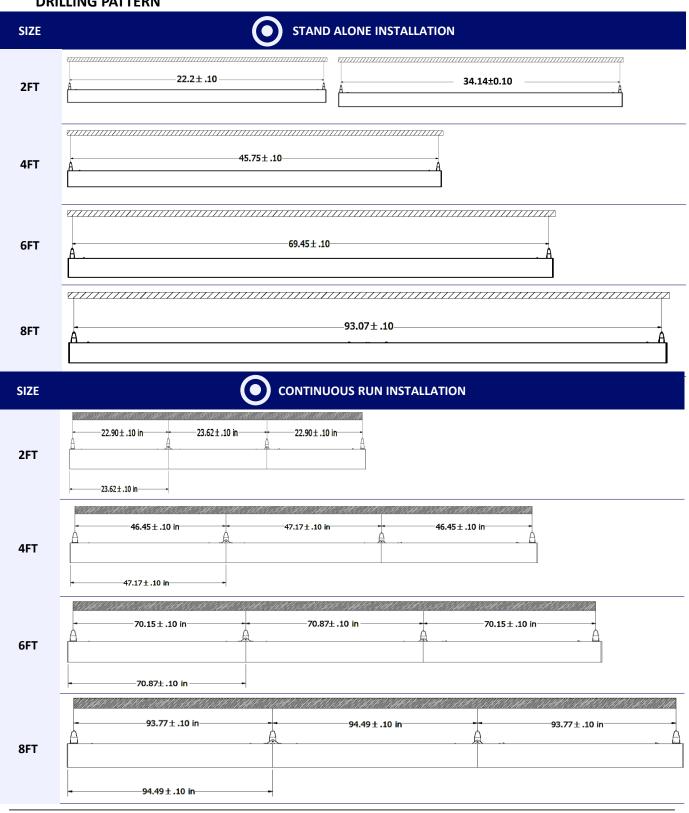
DIMENSIONS



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DRILLING PATTERN



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ACCESSORIES

FOR SUSPENDED

| Ordered separately if needed | | | | | |
|--|---|---------|--|--|--|
| | POWER CORD | | | | |
| ORDER CODE | DESCRIPTION | PICTURE | | | |
| AE-SF-PWRCORD-WH AE-SF-PWRCORD-BK | 8' white / black power cord with 120-277V input voltage | | | | |
| AE-SF-PWRCORD-WH-18FT AE-SF-PWRCORD-BK-18FT | 18' white / black power cord with 120-277V input voltage | | | | |
| AE-SF-PWRCORD-HV-WH AE-SF-PWRCORD-HV-BK | 8' white / black power cord with 120-347V input voltage | | | | |
| AE-SF-PWRCORD-WH-18FT AE-SF-PWRCORD-BK-18FT | 18' white / black power cord with 120-277V input voltage | | | | |
| | CANOPY | | | | |
| ORDER CODE | DESCRIPTION | PICTURE | | | |
| AE-SF-CANOPY-WH-5IN AE-SF-CANOPY-BK-5IN | 2 pieces per set white / black 5" canopy 0.8" thickness One for power cord/aircraft cable and one for aircraft cable | | | | |
| | | | | | |

| AE-SF-CANOPY-WH-5IN-SUSP |
|--------------------------|
| AE-SF-CANOPY-BK-5IN-SUSP |

1 piece | white / black 5" canopy 0.8" thickness for aircraft cable



2 pieces per set | white / black 5" canopy 0.3" thickness One for power cord/aircraft cable and one for aircraft cable

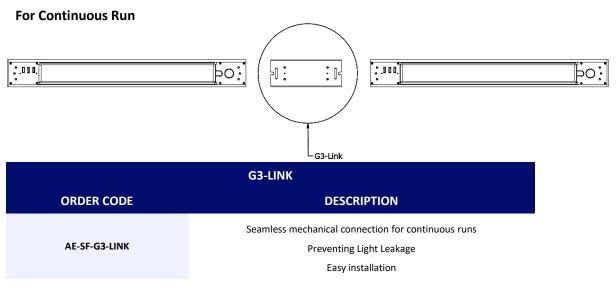


| | AIRCRAFT CABLE | |
|------------------------|--|---------|
| ORDER CODE | DESCRIPTION | PICTURE |
| AE-SF-G5/SPT-WIRE-8FT | 8ft aircraft cable 2 pieces per set 1 set / fixture | |
| AE-SF-G5/SPT-WIRE-18FT | 18ft aircraft cable 2 pieces per set 1 set / fixture | |

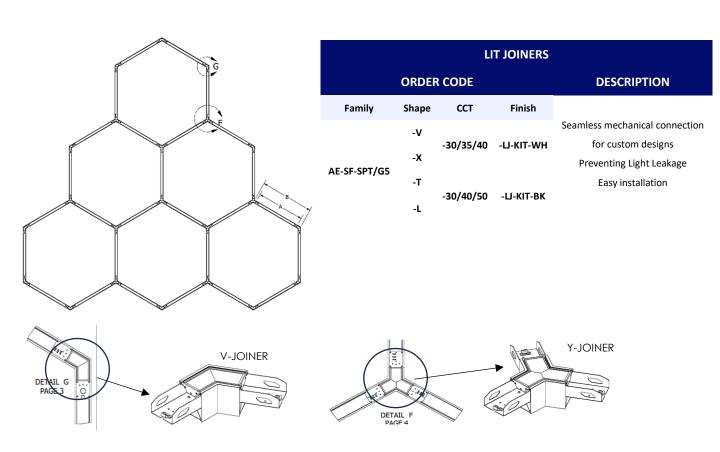
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ACCESSORIES



For Honeycomb Design | Lit Joiners



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DIFFUSER OPTIONS

Drop Lens Code Description **Pictures** Highly durable frosted polycarbonate lens provide a AE-SF-G5/SPT-Drop Lens-0.5 inch-XFTside glowing with crisp corners visible at distance. This drop lens gives a 3D look to the light that will AE-SF-G5/SPT-Drop Lens-0.5 inch-XFTenliven your space and adding wider spread to the **BK** surrounding. The drop lens is available for all continuous sizes; 2FT, 4FT, 6FT, and 8FT. And for white and black finishes. (X=2, 4, 6 or 8) 23% lumens less. 0.5" thickness.

Wall Wash Lens

Code Description Pictures

AE-SF-G5/SPT-XFT-WW-KIT-WH AE-SF-G5/SPT-XFT-WW-KIT-BK

(X=2, 4, 5, 6 or 8)

The wall washing is a feature where the luminaire is typically positioned at least 12" from the wall to enhance the smoothness of a wall by eliminating shadows or to highlight a wall to create visual interest. The wall wash lens is available for all continuous sizes; 2FT, 4FT, 5FT, 6FT, and 8FT. And for white and black finishes.



Prime lens

Description Pictures

The Prime features a parabolic silver louver that offers outstanding light shielding and an attractive, crisp visual texture. Its parabolic blade design, along with side reflectors, effectively directs light, enhancing brightness and efficiency in lighting applications.

The prime delivers a modern, sleek look, making them suitable for contemporary spaces.

Efficacy ~90Lm/W & UGR: 13.9 - 15.7

Prime is available for all continuous sizes; 2FT, 4FT, 6FT, and 8FT. And for white and black finishes.



Prime Shadow lens

Description Pictures

The Prime Shadow features a parabolic black louver that offers outstanding light shielding and an attractive, crisp visual texture. Its black parabolic blade design, along with side reflectors, effectively reduce glare by absorbing more light.

Black louvers can create a more dramatic or industrial aesthetic, fitting well in specific design contexts.

Efficacy ~55Lm/W & UGR: 18.3 - 20.4

Prime shadow is available for all continuous sizes; 2FT, 4FT, 6FT, and 8FT. And for white and black finishes.







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CONTROLS

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EMERGENCY LED DRIVER (BLD-YTXXD-XXX)

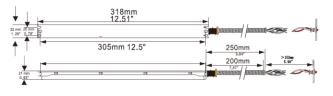
BLD-YT08D-XXX

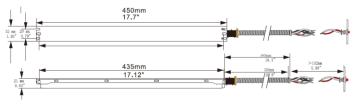
BLD-YT15D-XXX



The BLD-YTXXD-XXX series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 8 or 15W constant power at 30-60VDC. Its slim shape is ideal for use in linear LED lighting fixtures.

| SPECIFICATIONS | | |
|------------------------|---------------|--|
| Input Voltage | 100-347Vac | |
| Power Frequency | 50/60HZ | |
| Output Voltage | 30-60VDC | |
| Output Power | 8W 15W | |
| Ambient Temperature | 0°C to 50°C | |
| | 30°F to 122°F | |
| Installation | Integrated | |



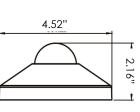


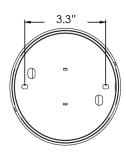
ROOM OCCUPANCY SENSOR

Ordered separately, field installed

| PART NUMBER | DESCRIPTION | |
|-------------|---------------------------------|--|
| AE-CT-DT806 | Detecta - Room Occupancy Sensor | |
| RC102 | RC102 Remote Control | |







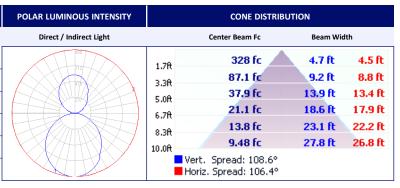
| SPECIFICATIONS | | |
|-----------------|------------------|--|
| Input Voltage | 120-277 Vac | |
| Power Frequency | 50/60HZ | |
| Rated Load | At 120 Vac 800W | |
| Kated Load | At 277 Vac 1200W | |
| Detection Range | 3-10 Meters | |
| Detection Range | 9.8- 32.8 Feet | |
| Standby Power | ~0.9W | |
| Time Setting | 10 sec to 30 min | |
| Light Control | 10-2,000LUX | |
| Installation | Ceiling Mounted | |
| | | |

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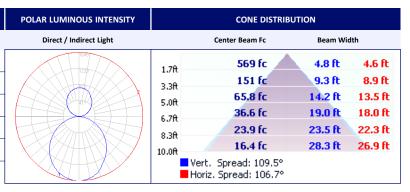
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PHOTOMETRIC DATA

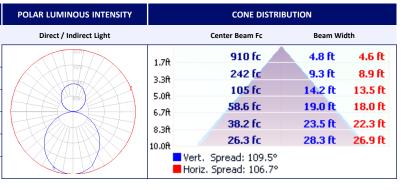
| PART NUMBER | | ZONAL LUMEN SUMMARY | | |
|---------------------------|-------|---------------------|---------|-----------|
| AE-SF-SPTCA23030/35/40010 | | Zone | Lumens | % Fixture |
| Wattage | 30W | 0-20° | 342.94 | 8.6 |
| сст | 4000K | 0-30° | 721.35 | 18.1 |
| Distribution | 120° | 0-40° | 1165.69 | 29.3 |
| Length | 2ft | 0-60° | 2008.67 | 50.4 |
| | | 0-80° | 2477.47 | 62.2 |
| | | 0-90° | 2585.29 | 64.9 |



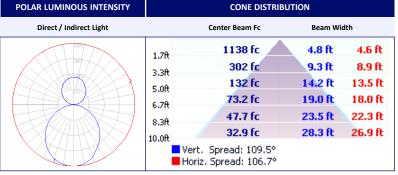
| PART NUMBER | | ZONAL LUMEN SUMMARY | | |
|----------------|---------------------------|---------------------|---------|-----------|
| AE-SF-SPTCA450 | AE-SF-SPTCA45030/35/40010 | | Lumens | % Fixture |
| Wattage | 50W | 0-20° | 595.68 | 9.3 |
| ССТ | 4000K | 0-30° | 1254 | 19.5 |
| Distribution | 120° | 0-40° | 2030.56 | 31.6 |
| Length | 4ft | 0-60° | 3528.07 | 54.9 |
| | | 0-80° | 4370.63 | 68 |
| | | 0-90° | 4472.68 | 69.6 |



| PART NUMBER | | ZONAL LUMEN SUMMARY | | |
|---------------------------|-------|---------------------|---------|-----------|
| AE-SF-SPTCA68030/35/40010 | | Zone | Lumens | % Fixture |
| Wattage | 80W | 0-20° | 953.1 | 9.3 |
| сст | 4000K | 0-30° | 2006.4 | 19.5 |
| Distribution | 120° | 0-40° | 3248.89 | 31.6 |
| Length | 6ft | 0-60° | 5644.91 | 54.9 |
| | | 0-80° | 6993.01 | 68 |
| | | 0-90° | 7156.29 | 69.6 |



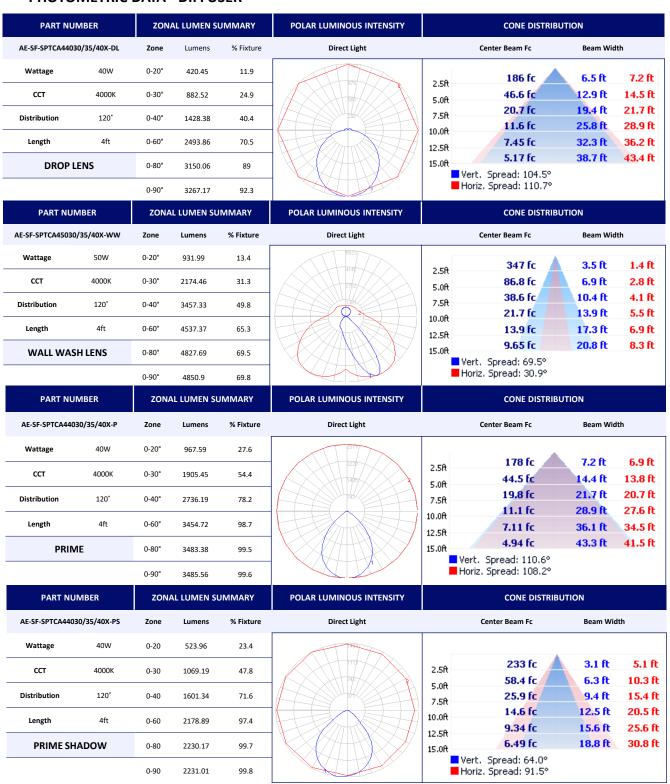
| PART NUMBER | | ZONAL LUMEN SUMMARY | | |
|----------------------------|-------|---------------------|---------|-----------|
| AE-SF-SPTCA810030/35/40010 | | Zone | Lumens | % Fixture |
| Wattage | 100W | 0-20° | 1191.37 | 9.3 |
| сст | 4000K | 0-30° | 2507.99 | 19.5 |
| Distribution | 120° | 0-40° | 4061.11 | 31.6 |
| Length | 8ft | 0-60° | 7056.14 | 54.9 |
| | | 0-80° | 8741.27 | 68 |
| | | 0-90° | 8945.36 | 69.6 |



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PHOTOMETRIC DATA - DIFFUSER



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OVERVIEW



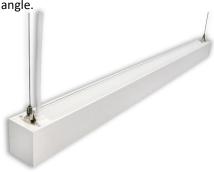


Innovative Design

- Extruded aluminum housing for better heat dissipation.
- Highly durable polycarbonate and high transmittance lens.



120° beam angle.





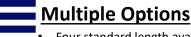
Custom Design

- · Continuous lens; increment of 2'
- L, T, X, & rectangular shapes
- Honeycomb design using Lit joiners



Diffusers

- Polycarbonate lens
- Wall-wash lens
- 0.5-inch drop lens
- Black/silver parabolic louver



- Four standard length available; 2, 4, 6, & 8ft.
- Three CCT switchable and power tunable options.
- · Black, white, silver & gun powder finishes.









- Suspended
- Wall mount (refer to the wall-mount spec sheet)





<u>Features</u>

- 1% dimming option
- Lutron Hi-lume Ecosystem driver with Soft-on





Tests And Certifications









