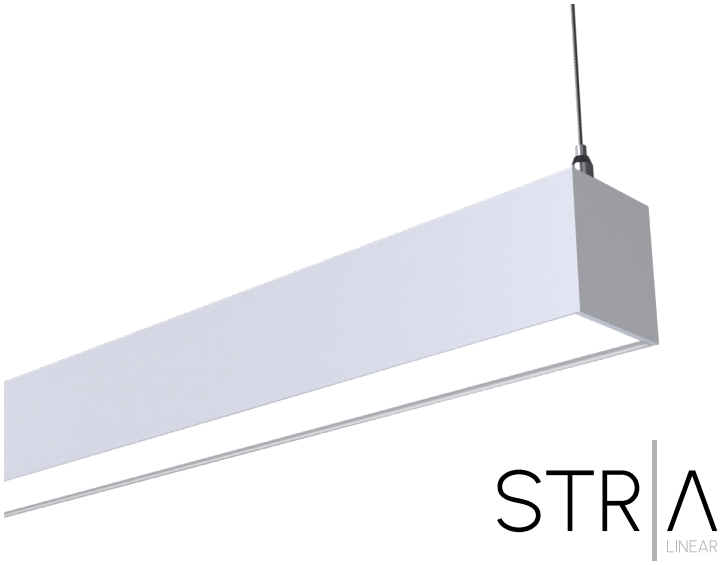
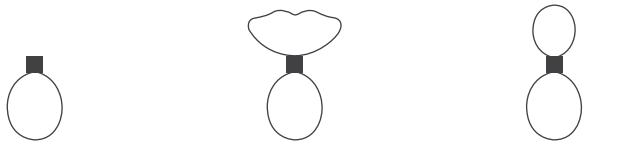
tgs

STRIA™ 3 Pendant

Direct & Direct-Indirect Linear



OPTICS



Direct: PCD/PCR

Indirect: BW
Direct: PCD/PCR

Indirect: LM
Direct: PCD/PCR

APPLICATIONS

Commercial, Retail, Office, Public Spaces

FEATURES

Stria™ (pronounced STRY-uh) comes from the Latin word for "line," referencing the clean, finely etched line of light it creates in a space. This linear series is engineered for crisp, continuous illumination with a refined, architectural presence. In suspended applications, Stria™ delivers a sleek 2.75-inch profile that elevates spaces with precision and simplicity.

Construction
- Precision cut housing extruded from 6063 aluminum
- Die-cast aluminum end-caps ensure a robust and clean construction

Electrical & Technical
- Input Voltage:120-277V
- Input Frequency: 60Hz
- Projected Life: L70 > 100,000 hrs
- PF: >0.9
- CRI: ≥90
- THD: <15%
- CCT Options: 3000K, 3500K, or 4000K
- Operating Temp.: -13°F~122°F
- 8W Emergency Backup (Option)
- Power Cord Length: 7'

Dimming
- 0-10V Dim to 1%

Efficacy
- Up to 125 Lm/W

Finish
- White
- Black
- Silver
- Custom*

Optical
- PC Diffuser

Installation
- Suspended/Pendant mount

Warranty
- 5 Year Warranty. See warranty documentation for more information.

90+ CRI · Damp Location · DLC LISTED · ETL US LISTED Intertek

ORDERING INFORMATION

EXAMPLE: S3P-2-L-70-30-LM-U-D-BK

S3P

Series	Length	Output[2,3]		CCT[3]	Optic-Indirect[3]	Voltage[3]	Dimming[3]	Finish
S3P	2 - 2 feet[3] 3 - 3 feet 4 - 4 feet[3] 8 - 8 feet[3] XX' - Continuous Row[1]	Power L - 7.5 W/FT M - 10 W/FT H - 12.5 W/FT	Ratio 70 - 70% Direct/30% Indirect 50 - 50% Direct/50% Indirect 10 - 100% Direct/0% Indirect	30 - 3000K 35 - 3500K 40 - 4000K	LM - Lambertian BW - Batwing	U - 120-277V	D - 0-10V Dim to 1%	BK - Black[3] WH - White[3] S - Silver CU - Custom

See Page 2 For Mounting & Accessories

Notes
1. Specify number of feet for continuous row. 1' increments starting at 2'.
2. Custom output available; contact factory.
3. Quick ship.
4. Available on 4' and longer configurations only.

ORDERING INFORMATION

EXAMPLE: S3P-ACK-WH

Mounting		
S3P-ACK-WH [Aircraft Cable Kit: White Canopy[3]]	S3P-DCM-WH [Drop Ceiling Suspension: White Canopy[3]]	S3P-DSM-WH [Drywall Suspension: White Canopy[3]]
S3P-ACK-BK [Aircraft Cable Kit: Black Canopy[3]]	S3P-DCM-BK [Drop Ceiling Suspension: Black Canopy[3]]	S3P-DSM-BK [Drywall Suspension: Black Canopy[3]]
S3P-ACK-SV [Aircraft Cable Kit: Silver Canopy]	S3P-DCM-SV [Drop Ceiling Suspension: Silver Canopy]	S3P-DSM-SV [Drywall Suspension: Silver Canopy]
S3P-ACK-CU [Aircraft Cable Kit: Custom Color Canopy]	S3P-DCM-CU [Drop Ceiling Suspension: Custom Color Canopy]	S3P-DSM-CU [Drywall Suspension: Custom Color Canopy]

ORDERING INFORMATION

EXAMPLE: S3-PCR

Accessories
S3-PCR [Continuous Run Lens (33ft)]
S3-EMI [Internal Emergency Battery Backup 8W[3,4]]
S3-EMX [External Emergency Battery Backup 60W]

SPECIFICATIONS

Construction
- Precision cut housing extruded from 6063 alumnum
- Die-cast aluminum end-caps ensure a robust and clean construction

Electrical
- 8W internal battery backup available.
- Standard CCT: 3000K, 3500K, or 4000K
- CRI: ≥90
- Power Cord Length: 7'

LED Drivers
- Class II UL certified driver
- PF: >0.9
- THD: <15%

Controls & Integrated Sensors
- 0-10V continuous dimming driver (standard)
- Dimming wires capped with wire-nuts for non-dimming applications
- Compatible with most standard dimming devices

Linear Load
- Total connected load:
  - <420W at 120V
  - <960W at 277V

Lumen Maintenance
- 90% (L90) of initial light output at 61,000+ hrs
- 70% (L70) of initial light output at 100,000+ hrs

Emergency Battery Backup
- Emergency Battery Backup: Available on 4' and longer configurations. UL 924 listed emergency driver provides a minimum 90 minutes of reduced-output illumination. Emergency operation is provided on a per-driver basis; one emergency driver operates the fixture section served by that driver. Fixtures with multiple drivers may be specified with one or more emergency drivers depending on the emergency illumination required. Contact TGS to confirm emergency driver quantity for your fixture length and driver configuration.

Lengths
- 2 ft, 3 ft, 4 ft, 8 ft

Finishes
- Powder coat finishes
- Standard

Black White Silver

- Custom (Any Custom Color Available)

Tangerine Orange | Ruby Red | Emerald Green | Lemon Yellow | Royal Blue

Optical

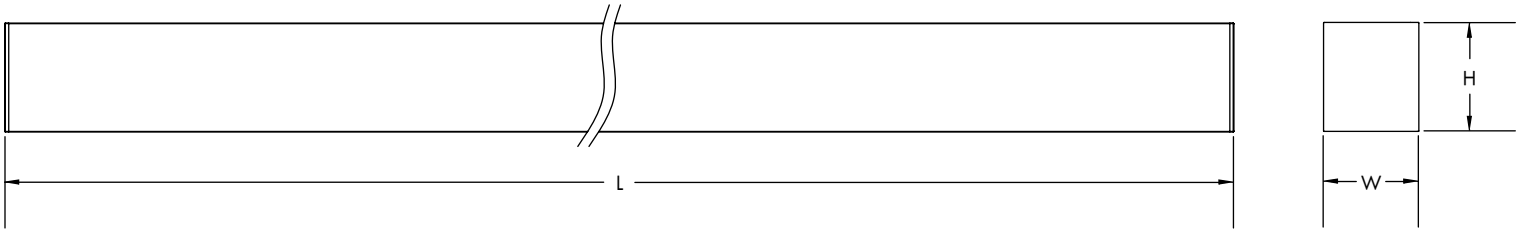
PC Diffuser
PCD

PC Continuous Run Lens
PCR

Installation
- Suspended/Pendant mount

Weight
- ~1.4 lbs. per foot

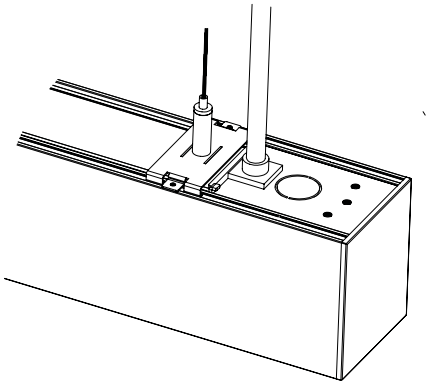
DIMENSIONS

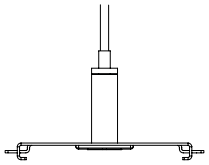


Size	Dimensions		
	Length (L)	Width (W)	Height (H)
2′ 3′ 4′ 8′	23.85″ 35.67″ 47.48″ 94.72″	2.75″	3.15″

MOUNTING

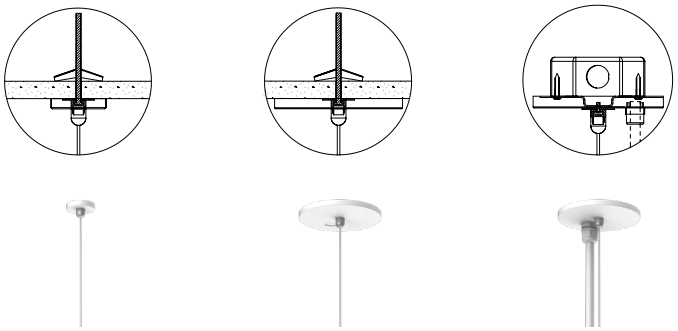
S3P-ACK-XX: **Aircraft Cable**



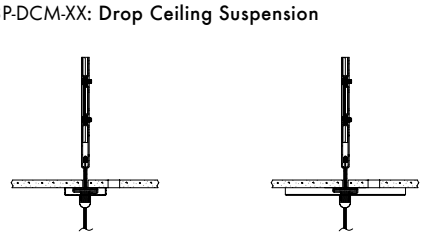


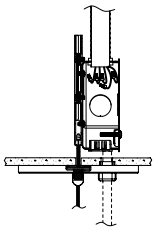
Aircraft Cable
S3P-ACK-XX

S3P-DSM-XX: **Drywall Suspension**

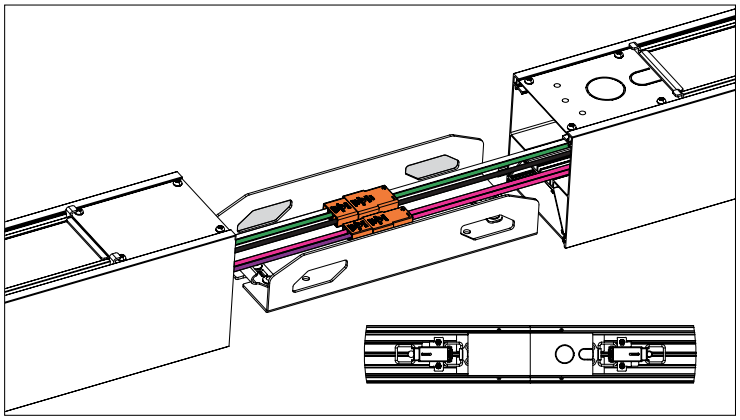


S3P-DCM-XX: **Drop Ceiling Suspension**

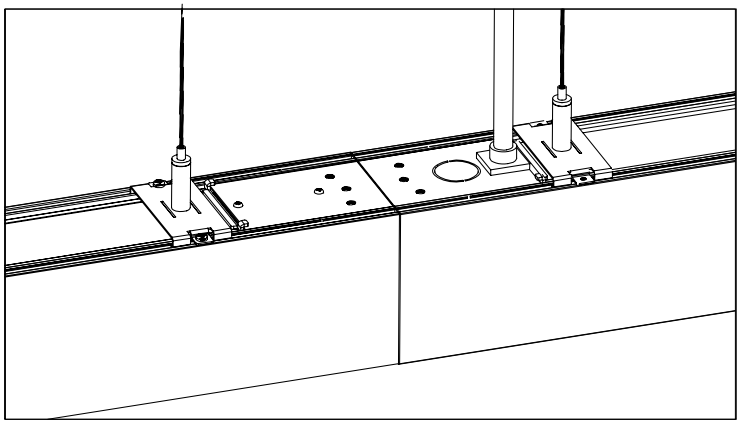




CONTINUOUS ROW DIAGRAM

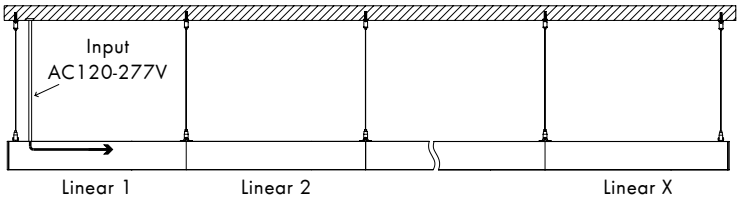


Continuous Row Bracket

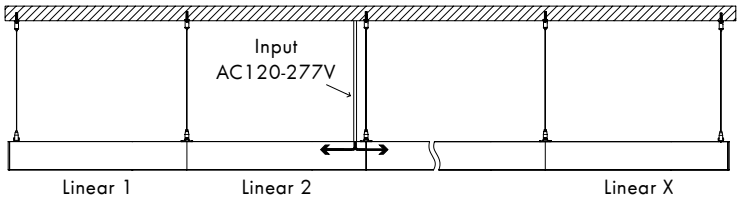


Aircraft Cable Connector

SINGLE DIRECTION



MULTI-DIRECTION



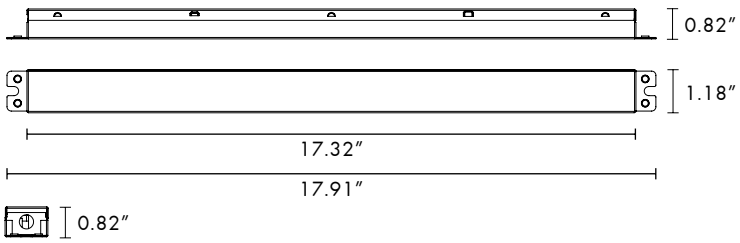
Total connected load:
- <420W at 120V
- <960W at 277V

ACCESSORIES

Emergency Backup

8W Internal Battery Backup
S3-EMI

Dimensions

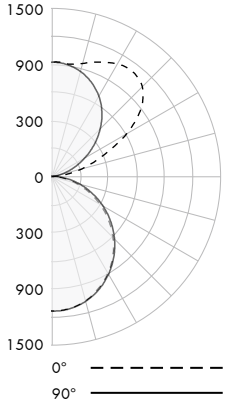


Features
- Powers 8W to 200W
- 90-Minute LiFePO4 Battery
- Rated Input Voltage:100-277VAC,50/60Hz
- Input Current: 20-100mA
- 24-Hour Recharge Time
- Ambient Operating Temperature: 50–140°F
- Service Life: 50,000 Hours
- LED Indicator Light
- UL Listed for Dry & Damp Locations

PHOTOMETRICS

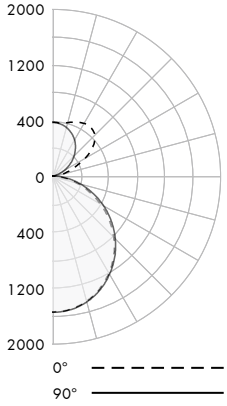
S3P: 4' / 4000K / 50-50

- **Efficacy:** 121.53 lm/W
- **Lumens/Foot:** 1,497.83 lm/ft
- **Nominal Power:** 50W
- **Input Voltage:** 120V (Nominal)
- **Distribution:** 50% Down / 50% Up (Nominal)



S3P: 4' / 4000K / 70-30

- **Efficacy:** 125.55 lm/W
- **Lumens/Foot:** 1550.57 lm/ft
- **Nominal Power:** 50W
- **Input Voltage:** 120V (Nominal)
- **Distribution:** 70% Down / 30% Up (Nominal)



PERFORMANCE

100% Direct						
Length	Watts/Foot	Total Watts	Lumens/Foot - Direct	Lumens/Foot - Indirect	Total Lumens	Efficacy
2'	Low 7.5 W/ft	15	937.5 Lm/Ft	0 Lm/Ft	1875	125 Lm/W
3'		22.5			2812.5	
4'		30			3750	
8'		60			7500	
2'	Medium 10 W/ft	20	1250 Lm/Ft	0 Lm/Ft	2500	125 Lm/W
3'		30			3750	
4'		40			5000	
8'		80			10000	
2'	High 12.5 W/ft	25	1562.5 Lm/Ft	0 Lm/Ft	3125	125 Lm/W
3'		37.5			4687.5	
4'		50			6250	
8'		100			12500	

50% Direct / 50% Indirect						
Length	Watts/Foot	Total Watts	Lumens/Foot - Direct	Lumens/Foot - Indirect	Total Lumens	Efficacy
2'	Low 7.5 W/ft	15	468.75 Lm/Ft	468.75 Lm/Ft	1875	125 Lm/W
3'		22.5			2812.5	
4'		30			3750	
8'		60			7500	
2'	Medium 10 W/ft	20	625 Lm/Ft	625 Lm/Ft	2500	125 Lm/W
3'		30			3750	
4'		40			5000	
8'		80			10000	
2'	High 12.5 W/ft	25	781.5 Lm/Ft	781.5 Lm/Ft	3126	125 Lm/W
3'		37.5			4687.5	
4'		50			6250	
8'		100			12500	

70% Direct / 30% Indirect						
Length	Watts/Foot	Total Watts	Lumens/Foot - Direct	Lumens/Foot - Indirect	Total Lumens	Efficacy
2′	Low 7.5 W/ft	15	656.25 Lm/Ft	281.25 Lm/Ft	1875	125 Lm/W
3′		22.5			2812.5	
4′		30			3750	
8′		60			7500	
2′	Medium 10 W/ft	20	875 Lm/Ft	375 Lm/Ft	2500	125 Lm/W
3′		30			3750	
4′		40			5000	
8′		80			10000	
2′	High 12.5 W/ft	25	1093.75 Lm/Ft	468.75 Lm/Ft	3125	125 Lm/W
3′		37.5			4687.5	
4′		50			6250	
8′		100			12500	