tgs

STRIA™ 3 Recessed

Direct Linear

OPTICS

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 recessed applications, Stria™ delivers a sleek 2.75-inch aperture 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)

Dimming
- 0-10V Dim to 1%

Efficacy
- Up to 125 Lm/W

Finish
- White
- Black
- Silver
- Custom*

Optical
- PC Diffuser

Installation
- Recessed mount

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

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

ORDERING INFORMATION

EXAMPLE: S3R-2-L-30-U-D-BK

S3R

Series	Length	Output[2, 3]	CCT[3]	Voltage[3]	Dimming[3]	Finish
S3R	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	30 - 3000K 35 - 3500K 40 - 4000K	U - 120-277V	D - 0-10V Dim to 1%	BK - Black[3] WH - White[3] SV - 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: S3R-RMT

Mounting		
S3R-RMT [T-Grid Flangeless Recessed Mount[3]]	S3R-2-RMF-WH [2ft - Flanged Recessed Mount - White[3]]	S3R-2-RMM [2ft - Recessed Trimless Mud-in]
	S3R-2-RMF-BK [2ft - Flanged Recessed Mount - Black[3]]	S3R-3-RMM [3ft - Recessed Trimless Mud-in]
	S3R-2-RMF-SV [2ft - Flanged Recessed Mount - Silver]	S3R-4-RMM [4ft - Recessed Trimless Mud-in]
	S3R-2-RMF-CU [2ft - Flanged Recessed Mount: Custom Color]	S3R-8-RMM [8ft - Recessed Trimless Mud-in]
	S3R-3-RMF-WH [3ft - Flanged Recessed Mount - White]	
	S3R-3-RMF-BK [3ft - Flanged Recessed Mount - Black]	
	S3R-3-RMF-SV [3ft - Flanged Recessed Mount - Silver]	
	S3R-3-RMF-CU [3ft - Flanged Recessed Mount: Custom Color]	
	S3R-4-RMF-WH [4ft - Flanged Recessed Mount - White[3]]	
	S3R-4-RMF-BK [4ft - Flanged Recessed Mount - Black[3]]	
	S3R-4-RMF-SV [4ft - Flanged Recessed Mount - Silver]	
	S3R-4-RMF-CU [4ft - Flanged Recessed Mount: Custom Color]	
	S3R-8-RMF-WH [8ft - Flanged Recessed Mount - White[3]]	
	S3R-8-RMF-BK [8ft - Flanged Recessed Mount - Black[3]]	
	S3R-8-RMF-SV [8ft - Flanged Recessed Mount - Silver]	
	S3R-8-RMF-CU [8ft - Flanged Recessed Mount: Custom Color]	

ORDERING INFORMATION

EXAMPLE: S3R-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 aluminum
- 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
-

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.

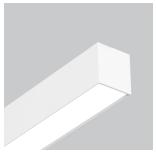
Lengths
- 2 ft, 3 ft, 4 ft, 8 ft

Finishes
- Powder coat finishes
- Standard

Black White Silver

- Custom (Any Custom Color Available)

Optical



PC Diffuser
Standard
PCD

PC Continuous Run Lens
S3-PCR

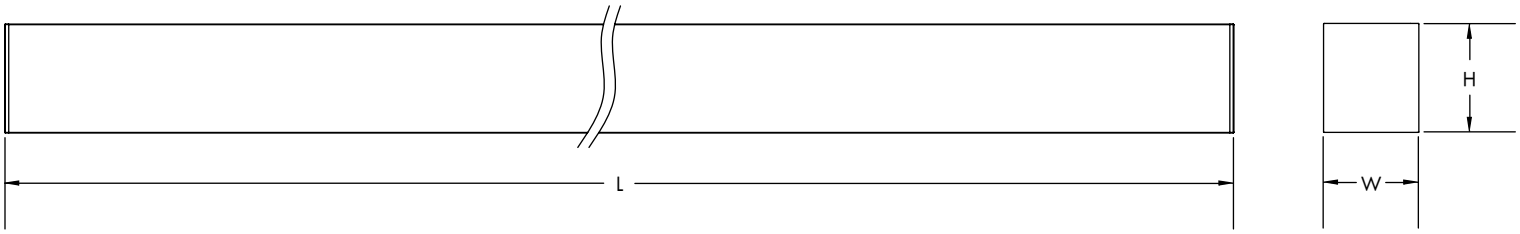
Installation
- Recessed mount

Weight
- ~1.4 lbs. per foot

STRIA™ 3 Recessed

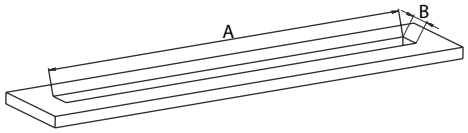
Direct Linear

DIMENSIONS



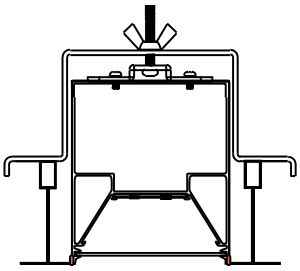
Size	Dimensions		
	Length (L)	Width (W)	Height (H)
2′	23.85″	2.75″	3.15″
3′	35.67″		
4′	47.48″		
6′	71.10″		
8′	94.72″		

Size	Ceiling Cutout Dimensions	
	[A] Length (L)	[B] Width (W)
2′	23.93″	2.83″
3′	35.75″	
4′	47.55″	
8′	94.80″	

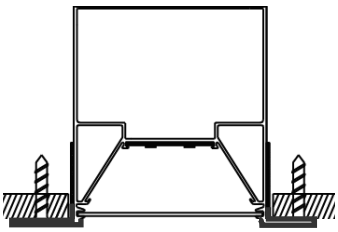


MOUNTING

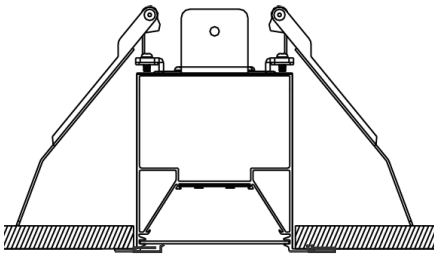
RMT: Recessed Flangeless T-Grid



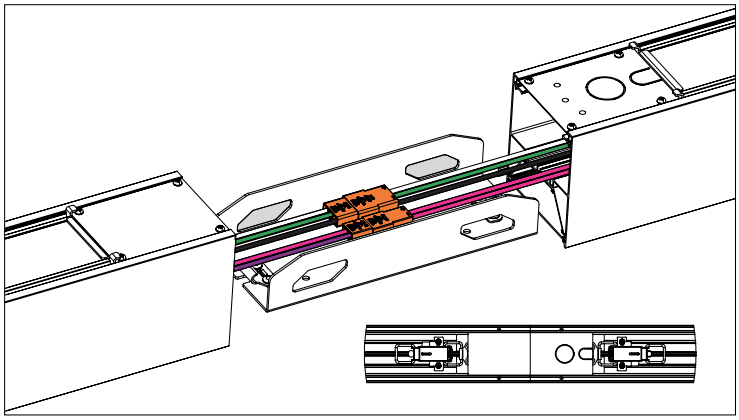
RMM: Recessed Trimless Mud-in



RMF: Recessed Flanged Hard Ceiling



CONTINUOUS ROW DIAGRAM



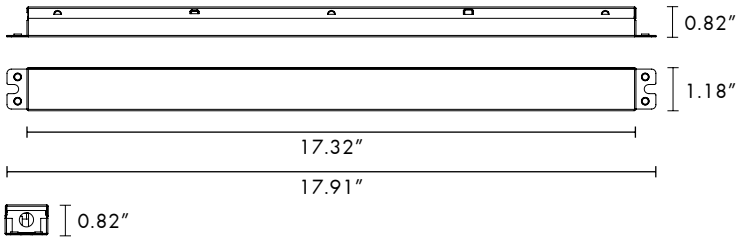
Continuous Row Bracket

ACCESSORIES

Emergency Backup

8W Internal Battery Backup
8EM

Dimensions



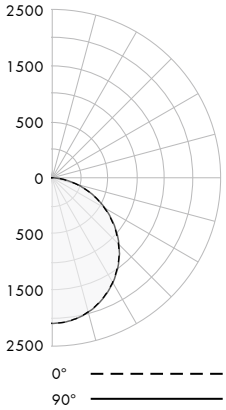
Features

- Powers 8W to 200W
- 90-Minute LiFePO4 Battery
- Rated Input Voltage: 100-347V,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

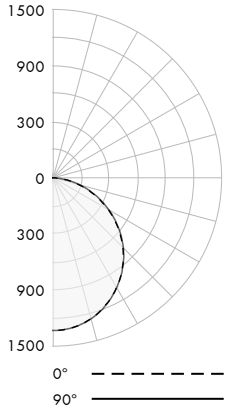
S3R: 4′ / 4000K

- **Efficacy:** 125.54 lm/W
- **Lumens/Foot:** 1518.98 lm/ft
- **Nominal Power:** 50W (Nominal)
- **Input Voltage:** 120V (Nominal)



S3R: 4′ / 4000K

- **Efficacy:** 130.99 lm/W
- **Lumens/Foot:** 962.76 lm/ft
- **Nominal Power:** 30W (Nominal)
- **Input Voltage:** 120V (Nominal)



PERFORMANCE

100% Direct					
Length	Watts/Foot	Total Watts	Lumens/Foot	Total Lumens	Efficacy
2′	Low 7.5 W/ft	15	937.5 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	2500	125 Lm/W
3′		30		3750	
4′		40		5000	
8′		80		10000	
2′	High 12.5 W/ft	25	1562.5 Lm/Ft	3125	125 Lm/W
3′		37.5		4687.5	
4′		50		6250	
8′		100		12500	