

Soft Graze

WALL MOUNT LINEAR LED ACCENT LIGHTING



APPLICATION

Soft Graze is a low voltage linear LED accent lighting system for theatres/auditoriums that provides a soft graze of light on acoustic wall panels. PVC construction is ready for fabric application to match acoustic panels or use contrasting fabric color for a stripe effect. Mix and match straight or angled runs to create unique lighting effects.

HOUSING CONSTRUCTION

- Extruded black PVC mounting bracket and cover can be field cut for precise installation.
- Sold in 8 foot sections only.
- Miter cut to length in field and to create angles.
- Matching End Caps available.

LINEAR SG3R LED CONSTRUCTION

- 12" linear modules
- Designed with lightweight polymeric components.
- Lightly frosted acrylic lens/diffuser.
- Quick wire connect system (no cutting, stripping, crimping required.)

POWER SYSTEM

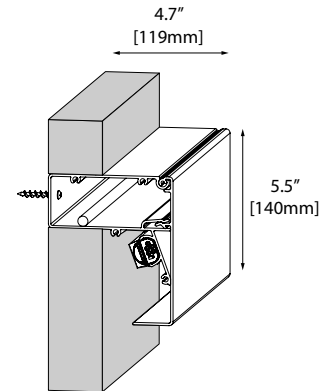
- Class II low-voltage 12VDC or 24VDC.
- Power supply Total Harmonic Distortion <20%, Power Factor >0.9

PERFORMANCE

- 2 watts per foot - 12V - static colors
- 3 watts per foot - 24V - static colors
- 6 watts per foot - 24V - RGB color changing
- 2 circuit design allows for longer runs and fewer power feeds.
- Triac dimming to 1%
DMX/RDM dimming to 1%
0-10V dimming to under 10%
- Operating temperature range of -20°C to 50°C

LIGHT CHARACTERISTICS

- Available in static CCT, Red, Green, Blue and Amber.
- RGB color changing also available
- Consult factory for custom LED colors



Buy Tempo
Buy American



WARRANTY

Tempo provides a 5-year limited warranty.

86,000 HOURS

L85 LUMEN MAINTENANCE
LED Luminaires will reach 85% of initial lumen output at or beyond 86,000 hours at 25°C.

MAXIMUM RUN LENGTHS 12V MODEL

12V Driver	Module Spacing	Watts/ft	Max Distance
60W	0" (Standard)	2.0	30ft
40W	0" (Standard)	2.0	20ft

MAXIMUM RUN LENGTHS 24V MODEL

24V Driver	Module Spacing	Watts/ft	Max Distance
100W	0" (Standard)	3.0	30ft
60W	0" (Standard)	3.0	18ft
40W	0" (Standard)	3.0	12ft



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ORDERING INFORMATION - LIGHT FIXTURE

Example: SG3R-LL-00-2-RD-6

Soft Graze, C3R, Frosted Lens, Std Spacing, 2w/ft, Red LED, Black Finish, 6' Long

SG	3R	LL				B	
Series	Platform	Optic/Lens/Diffuser	Module Spacing	Watts/Foot	LED Color	Finish	Fixture Length ¹
Soft Graze	3R C3R	LL Lightly Frosted Lens	00 0" (Std)	2 2.0 W/ft (12VDC) 3 3.0 W/ft (24VDC)	16 1600K 20 2000K 22 2200K 27 2700K 30 3000K 35 3500K 40 4000K 50 5000K RD Red (~ 625nm) GR Green (~ 545nm) BL Blue (~ 470nm) AM Amber (~ 590nm)	B Black	1 1 foot 2 2 feet 3 3 feet 4 4 feet 5 5 feet 6 6 feet .25 3 inch .50 6 inch .75 9 inch
				6 6.0 W/ft (RGB only)	RGB RGB Color Changing	B Black	1 1 foot 2 2 feet 3 3 feet 4 4 feet 5 5 feet 6 6 feet

NOTES:

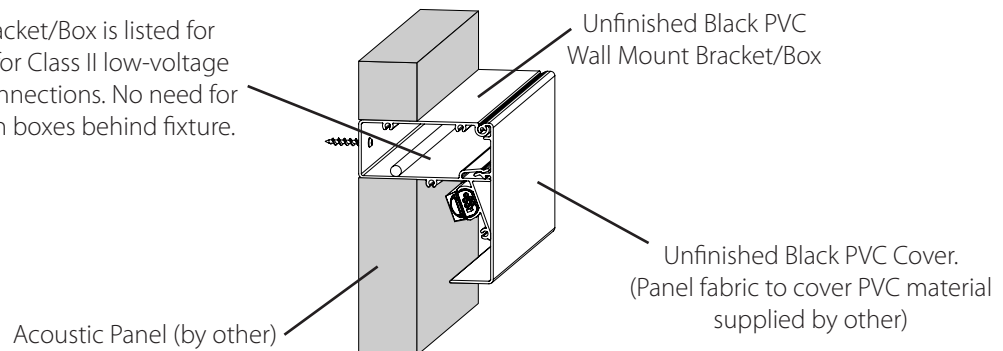
(1) Fixture length measured in feet.

1/4 foot, 1/2 foot and 3/4 foot options available to complete runs or transitions less than one foot. Use ordering codes .25, .50, .75 (excludes RGB)

ORDERING INFORMATION - SOFT GRAZE HOUSING

SOFT GRAZE HOUSING (LED FIXTURE SOLD SEPARATE)	
SGWM-BK	Soft Graze Wall Mount Housing Bracket/Box and Cover, in increments of 8 feet
SGWM-EC-BK	Soft Graze Wall Mount End Cap
SGWM-MTG-KIT	Soft Graze Wall Mount Alignment Pin & Clip Kit (used to connect Soft Graze sections)
SGWM-INSERT-BK	Optional Soft Graze Wall Mount Insert - adds structural support where needed


Wall Mount Bracket/Box is listed for use as wireway for Class II low-voltage runs and wire connections. No need for separate junction boxes behind fixture.




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SYSTEM INTEGRATION ACCESSORIES

POWER SUPPLIES - 12VDC Output for 2W/ft Standard LED Spacing Require approved enclosure (by others).		
PWR-120-EL-040-T	120V AC Input, 12V DC Output, 40W, Triac Dimming (dim to 1%) Lutron Hi-Lume 1% 2-wire LED driver, 120V forward phase - LTEA2W; 3.0"W x 1.0"H x 4.9"L	
PWR-UNV-EL-060	120-277V AC Input, 12V DC Output, 60W, Non-Dimming; 1.7"W x 1.3"H x 8.4"L	
PWR-UNV-EL-060-Z	120-277V AC Input, 12V DC Output, 60W, 0-10V Dimming (dim to under 10%); 1.7"W x 1.3"H x 8.4"L	

POWER SUPPLIES - 24VDC Output for 3W/ft Dense Pack LED Spacing Require approved enclosure (by others).		
PWR-120-EM-040-T	120V AC Input, 24V DC Output, 40W, Triac Dimming (dim to 1%) Lutron Hi-Lume 1% 2-wire LED driver, 120V forward phase - LTEA2W; 3.0"W x 1.0"H x 4.9"L	
PWR-120-EM-040-T1	120V AC Input, 24V DC Output, 40W, Triac Dimming (dim to 1%) Lutron Hi-Lume 1% 2-wire LED driver, 120V forward phase - LTEA2W; 1.2"W x 1.0"H x 14.25"L	
PWR-UNV-EM-96-DMX	120-277V AC Input, 24V DC Output, 96W, DMX Dimming; 2.5"W x 1.25"H x 9.6"L	
PWR-UNV-EM-060	120-277V AC Input, 24V DC Output, 60W, Non-Dimming; 1.7"W x 1.2"H x 9.5"L	
PWR-UNV-EM-100	120-277V AC Input, 24V DC Output, 100W, Non-Dimming; 1.7"W x 1.2"H x 9.5"L	
PWR-UNV-EM-100-Z	120-277V AC Input, 24V DC Output, 100W, 0-10V Dimming (dim to under 10%); 1.9"W x 1.3"H x 9.2"L	
PWR-UNV-EM-100-Z-JB	Plenum Rated J-Box Driver, 120-277V AC In, 24V DC Out, 100W, 0-10V Dimming (dim to under 10%); 2.5"W x 1.7"H x 12.4"L	

SURGE SUPPRESSION DEVICE A Tempo furnished surge suppression device must be installed on each supplying branch circuit to comply with Tempo's 5-year warranty terms		
SSD-120	120V Branch Circuit	
SSD-277	277V Branch Circuit	

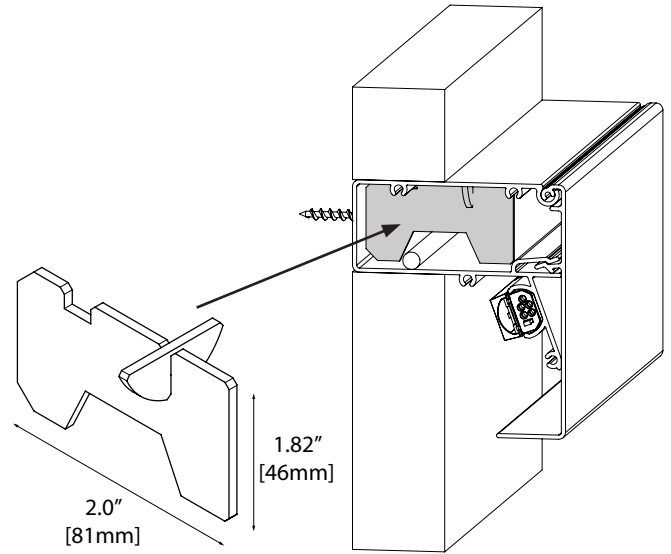
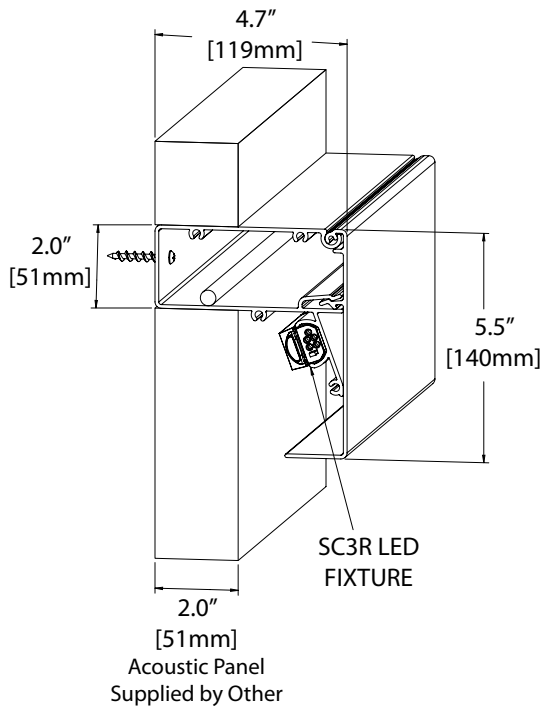
POWER FEED CABLES Additional lengths available, contact factory		
PFC-SG3-12-(xx)-F-36	Soft Graze 12V Power Feed Cable, Female Connector, 36 inches with 12"C3R LED Module on feed. Replace (xx) in part number with corresponding LED color temperature or static color code from fixture ordering chart on page 2.	
PFC-SG3-24-(xx)-F-36	Soft Graze 24V Power Feed Cable, Female Connector, 36 inches with 12"C3R LED Module on feed. Replace (xx) in part number with corresponding LED color temperature or static color code from fixture ordering chart on page 2.	
PFC-SG3-RGB-F-36	Soft Graze 24V Power Feed Cable, Female Connector, 36 inches with 12"C3R RGB LED Module on feed.	

JUMPER FEED CABLES Additional lengths available, contact factory		
JFC-SG3R-12-MF-03	Soft Graze 12V Jumper Feed Cable, Male/Female Connectors, 3 inches	
JFC-SG3R-12-MF-06	Soft Graze 12V Jumper Feed Cable, Male/Female Connectors, 6 inches	
JFC-SG3R-24-MF-03	Soft Graze 24V Jumper Feed Cable, Male/Female Connectors, 3 inches	
JFC-SG3R-24-MF-06	Soft Graze 24V Jumper Feed Cable, Male/Female Connectors, 6 inches	
JFC-SG3RGB-MF-03	Soft Graze 24V 5-Pin Jumper Feed Cable for RGB, Male/Female Connectors, 3 inches	
JFC-SG3RGB-MF-06	Soft Graze 24V 5-Pin Jumper Feed Cable for RGB, Male/Female Connectors, 6 inches	

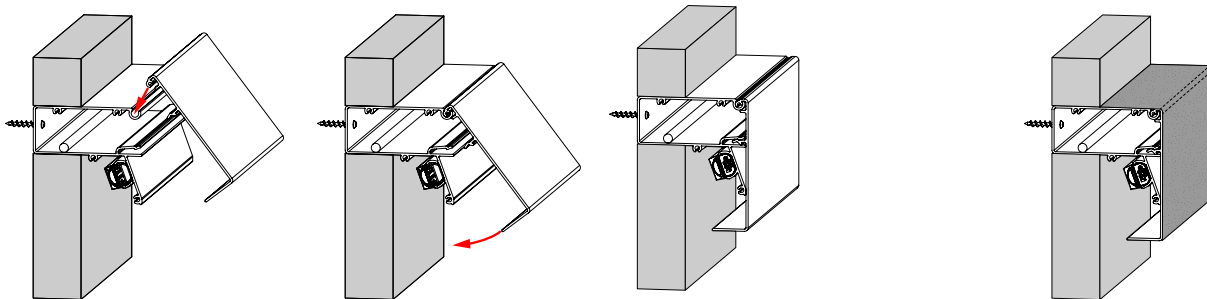
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DIMENSIONAL INFORMATION



SGWM-INSERT-BK
Provides structural support where needed
without compromising wireway



Locking Hinge Assembly for simple installation

Sound Panel Fabric to cover Soft Graze
supplied by other

Tempo products and technologies are protected under one or more US and International patents.

Tempo reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program. Please consult www.tempoindustries.com for the most up-to-date specifications and technical data.