

Sentinel™ SWIII Wall Light

AISLE • STEP • PATHWAY LIGHTING



APPLICATION

The SWIII Aisle, Step and Pathway Lighting luminaire combines the power and longevity of lighting class LED sources with the economy of a rigid PVC extruded housing to deliver outstanding value. Designed for ease of installation, SWIII is delivered to the job site fully assembled in 8 foot sections and includes a full range of mounting and finishing accessories for elevation changes and corners.

A wide, smooth and uniform distribution of light is devoid of distracting uplight or glare. With the addition of optional baffles for directional control, the SWIII sets the standard for aisle, step and pathway lighting.

System components are designed to be tailored to a multitude of configurations providing targeted illumination while conforming to each unique wall, riser or step environment. For any assistance with your SWIII configuration, contact Tempo and one of our experts will help optimize your layout.

CONSTRUCTION

- 8 foot sections feature pre-punched mounting holes and pre-assembled wire connectors with positive locking mechanisms to reduce installation time.
- PVC extrusions may be cut in the field for accurate installation
- Complete assortment of joiners, angled transition and corner joiners eliminate the need for field miter cuts and eliminate potential light leaks
- Junction boxes for left end, right end, or center feeds available
- SWIII Corner Light illuminates landing areas from the same system that provides light to aisles, steps and pathways
- Direct access to LED module for ease of service

SUGGESTED COMPANION PRODUCTS

- SWIII In-Line Row Marker
- LPS® and Guardian – Gray Stripe Step Nose extrusion
- LPS® – Raceway
- NEMA 2 Zonal Dim Box with 4 or 6 channel.
Two 4's can be combined to make an 8 zone.
- NEMA 2 Resistive Dim Box with 4, 6 or 8 channels

OPTICS / LENS / DIFFUSER

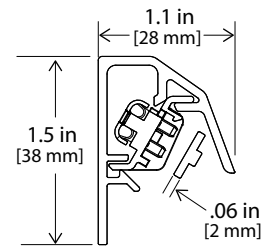
- Optional baffles with scallop or without scallop for light shielding and directional control

PERFORMANCE

- Less than 0.5 watts energy consumption per LED module
- Operating temperature range of -20°C to 50°C

LIGHT CHARACTERISTICS

- Available in 1600K, 2200K, 2700K, 3500K, 4000K color temperatures plus Red, Green, Blue and Amber static colors
- 80+ Color Rendering Index (CRI)



Buy Tempo
Buy American

MADE IN USA
OF US AND IMPORTED COMPONENTS

WARRANTY

Tempo provides a 2-year limited warranty. A 5-year limited warranty will apply when installed by a Tempo Certified Installer.

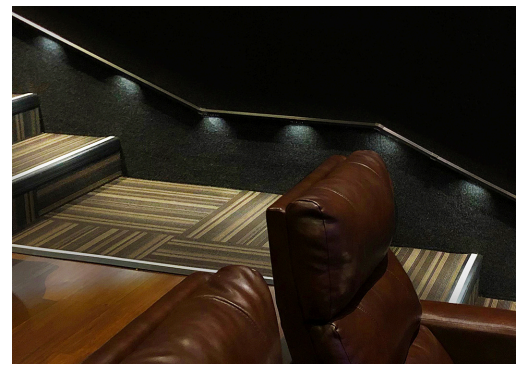
86,000 HOURS

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



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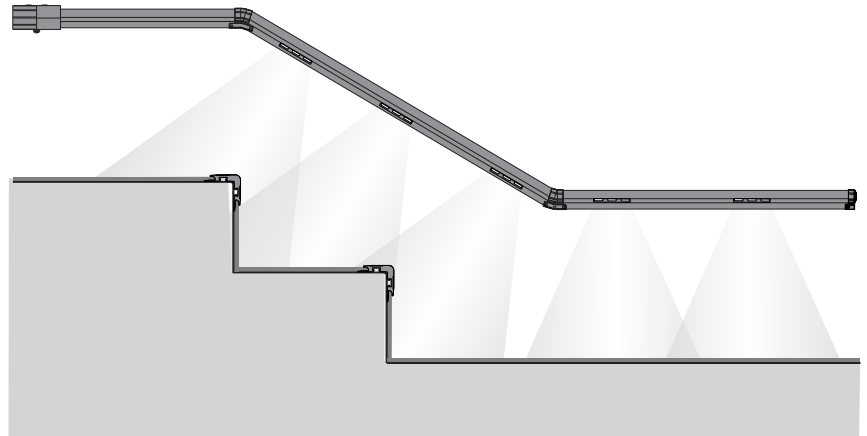


SWIII STANDARD CONFIGURATION

SWIII can be configured for straight runs along pathways and landings as well as for stair steps and risers.

For applications of two sets of steps or less, a diagonal configuration is recommended using the SWIII Downward Angle Joiner and Upward Angle Joiner.

(See page 8 for details)



ORDERING INFORMATION

Single Circuit

Example: SW3-16-1-27K-.25-B1-BK

SW3		1				
PLATFORM						
Series	Module Spacing	Circuits	Color Temperature²	Module Wattage	Baffle	Extrusion Color
SW3 SWIII Wall Light ¹	06 6" O.C. 09 9" O.C. 12 12" O.C. 16 16" O.C. 24 24" O.C.	1 Single	16K 1600K 22K 2200K 27K 2700K 35K 3500K 40K 4000K RD Red GR Green BL Blue AM Amber	.25 0.25W .50 0.50W	B1 With Scallop B2 No Scallop	BK Black SPL Custom colors special order ³

NOTES: (1) Total ordered length must be in 8ft increments. (2) Consult factory for alternate LED color. (3) 2500ft min for color extrusion.

Dual Circuit

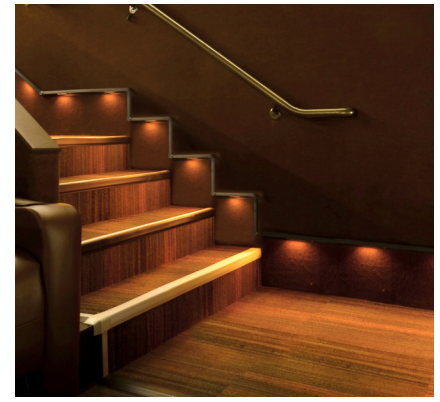
Example: SW3-12-2-27K-.25-B1-BK

SW3		2				
PLATFORM						
Series	Module Spacing	Circuits	Color Temperature²	Module Wattage	Baffle	Extrusion Color
SW3 SWIII Wall Light ¹	06 6" O.C. 09 9" O.C. 12 12" O.C.	2 Dual ³	16K 1600K 22K 2200K 27K 2700K 35K 3500K 40K 4000K RD Red GR Green BL Blue AM Amber	.25 0.25W .50 0.50W	B1 With Scallop B2 No Scallop	BK Black SPL Custom colors special order ⁴

NOTES: (1) Total ordered length must be in 8ft increments. (2) Consult factory for alternate LED color. (3) 12" o.c. is the maximum spacing allowed for light safety code compliance if one of the two circuits were to fail. (4) 2500ft min for color extrusion.

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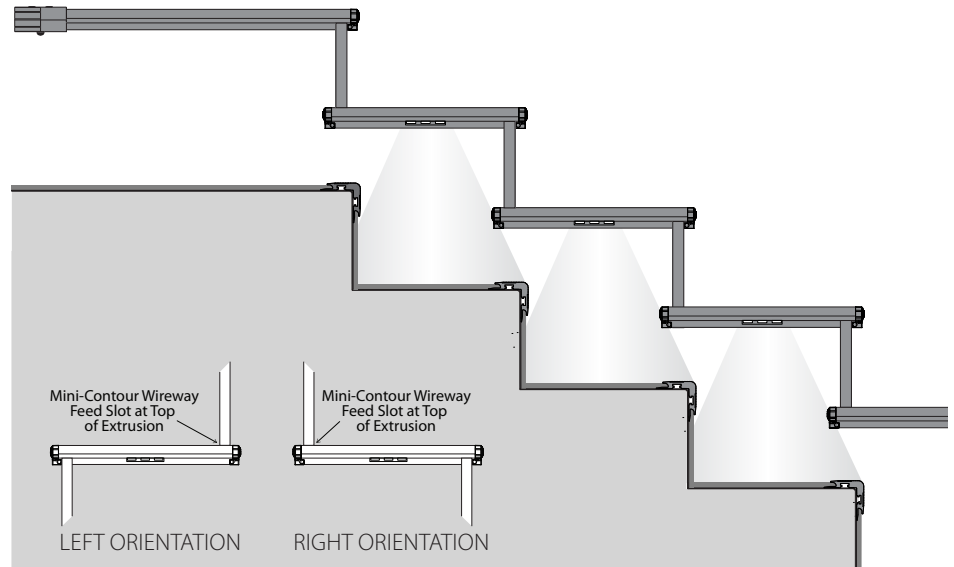


SWIII STAIR STEP CONFIGURATION

For applications of more than two sets of steps, a 90° stepped configuration is recommended to eliminate any direct glare from LEDs that would occur in an extended diagonal configuration.

Tempo provides 14 inch sections of SWIII Wall Light including one LED board to illuminate the step and step nose. Each piece comes with factory connectors for easy installation. This configuration utilizes Surface Wireway to provide a low profile enclosed channel to run power feeds from one section to the next.

(See page 8 for details)



ORDERING INFORMATION

Example: SW3-L-1-1M-27K-.25-B1-BK

SW3	-		-		-		-	BK
PLATFORM								
Series	Orientation¹	Circuits	Modules	Color Temperature³	Module Wattage	Baffle	Extrusion Color	
SW3 SWIII Wall Light Single Module Length for Stair Step	L Left Wall R Right Wall	1 Single 2 Dual ²	1M 1 Module 2M 2 Module ²	16K 1600K 22K 2200K 27K 2700K 35K 3500K 40K 4000K RD Red GR Green BL Blue AM Amber	.25 0.25W .50 0.50W	B1 With Scallop B2 No Scallop	BK Black	

NOTES: (1) Left and Right orientation corresponds to auditorium walls as viewed from the screen looking towards the back of the auditorium. (2) Dual circuit only available with 2 module configuration. (3) Consult factory for alternate LED color.

MINI CONTOUR WIREWAY

MCW	-	BK	-	
PLATFORM		Color		Section Length¹
Series		BK Black		4 4ft sections 8 8ft sections
MCW Mini-Contour Wireway				

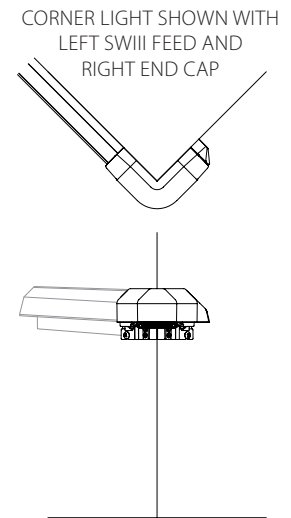
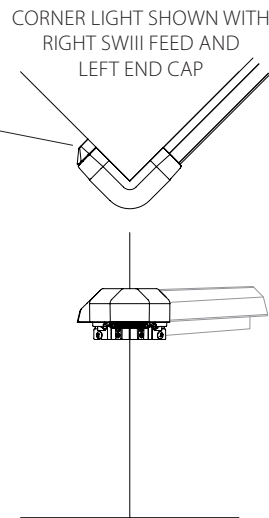
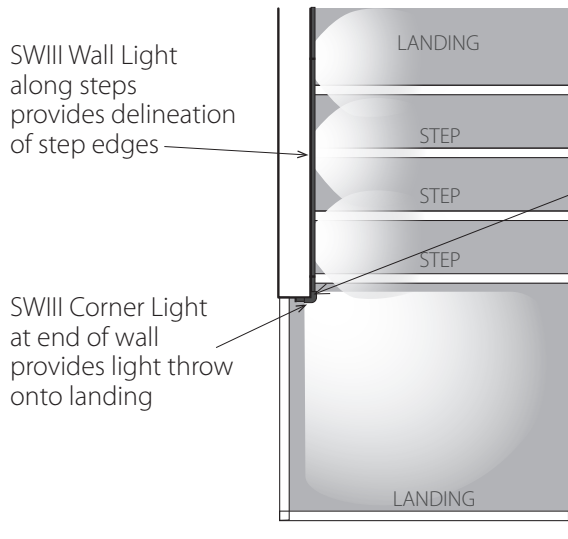
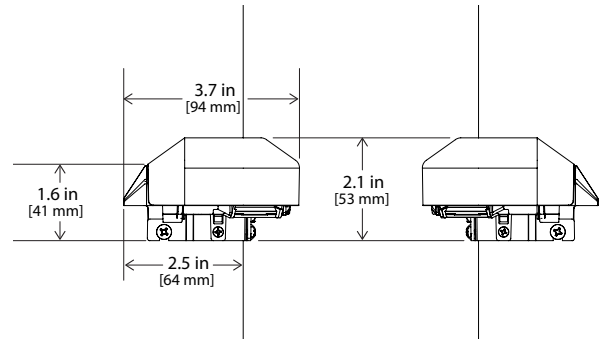
NOTES: (1) Specify total order length in 4ft or 8ft increments

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SWIII CORNER LIGHT

Tempo's SWIII Corner light integrates an LED module into an outside corner joiner specifically designed to illuminate landing areas from the same wall light system used to provide light to aisles, steps and pathways.



ORDERING INFORMATION

Example: SW3-CL-27K-.25-BK

SW3	-	CL	-		-		-	
PLATFORM		CL						
Series				Color Temperature ¹	Module Wattage			Housing Color
SW3 SWIII Wall Light		CL Corner Light		16K 1600K 22K 2200K 27K 2700K 35K 3500K 40K 4000K RD Red GR Green BL Blue AM Amber	.25 0.25W .50 0.50W			BK Black

NOTES: (1) Consult factory for alternate LED color.

Each Corner Light will be provided with left and right End Caps. Replacement end caps can be ordered per table below.

SWIII CORNER LIGHT REPLACEMENT PART	
SW3-CL-EC-L-BK	Corner Light Endcap Left
SW3-CL-EC-R-BK	Corner Light Endcap Right

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SYSTEM INTEGRATION ACCESSORIES

SWIII PART		Compatible w/ Standard Config.	Compatible w/ Stair Step Config.
SW3-EJBOX-L-BK	End J-Box Left	•	•
SW3-EJBOX-R-BK	End J-Box Right	•	•
SW3-CJBOX-BK	Center J-Box	•	
SW3-JOIN-BK-12	Joiner, Bag of 12	•	
SW3-EC-L-BK-12	Endcap Left, Bag of 12	•	•
SW3-EC-R-BK-12	Endcap Right, Bag of 12	•	•
SW3-JOIN-DN-BK-12	Downward Angle Joiner, Bag of 12	•	
SW3-JOIN-UP-BK-12	Upward Angle Joiner, Bag of 12	•	
SW3-CNR-O-BK-12	Outside Corner, Bag of 12	•	
SW3-CNR-I-BK-12	Inside Corner, Bag of 12	•	
SW3-CNR-O-45-BK-12	Outside Corner - 45°, Bag of 12	•	
SW3-CNR-I-45-BK-12	Inside Corner - 45°, Bag of 12	•	
SW3-WIREWAY	Provided in 8' increments.	•	
SW3-MNTSCREW	Wall Dawg Screw. Supplied in boxes of 100 screws.	•	•
SW3-JUMPER-BL	Jumper Wire - 18"	•	
LMP-TOOLKIT	LED Extraction Tool	•	•
GLARE SHIELD BAFFLES			
SW3-B1	Baffle with light scallop. Supplied in bags of 50 baffles.	•	•
SW3-B2	Baffle no light scallop. Supplied in bags of 50 baffles.	•	•
SW3-B1-L	Baffle with light scallop, left wall* glare shield. Bag of 50. Recommended for angled applications.	•	
SW3-B1-R	Baffle with light scallop, right wall* glare shield. Bag of 50. Recommended for angled applications.	•	
SW3-B2-L	Baffle no light scallop, left wall* glare shield. Bag of 50. Recommended for angled applications.	•	
SW3-B2-R	Baffle no light scallop, right wall* glare shield. Bag of 50. Recommended for angled applications.	•	

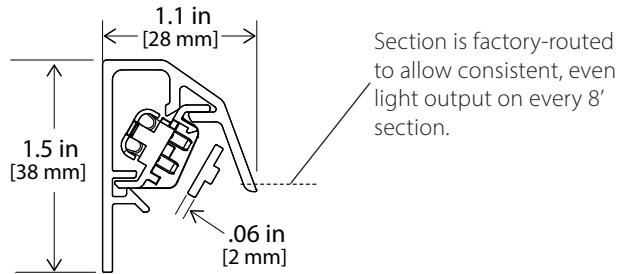
* Left and right walls of an auditorium are determined by the orientation as viewed from the screen/stage looking up towards the back of the auditorium.

POWER SUPPLIES	
PWR-T010012/2	120V AC Input, 12V AC Output, 100W, 2 Circuit, Class II Magnetic Transformer, NEMA 3R Case
PWR-T015012/2	120V AC Input, 12V AC Output, 150W, 3 Circuit, Class II Magnetic Transformer, NEMA 3R Case
PWR-T025012/2	120V AC Input, 12V AC Output, 250W, 4 Circuit, Class II Magnetic Transformer, NEMA 3R Case
BB09-01	In-line resistor.
BB07-01	Resistive dimmer box.
SURGE SUPPRESSION DEVICE Tempo furnished surge suppression device must be installed on each supplying branch circuit to comply with warranty terms.	
SSD-120	120V Branch Circuit
SSD-277	277V Branch Circuit

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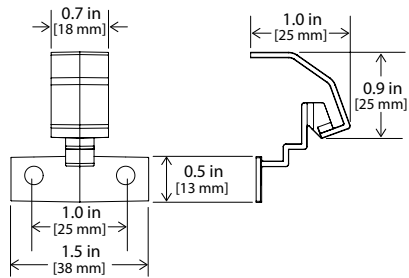
aisle • step • pathway lighting

DIMENSIONAL INFORMATION

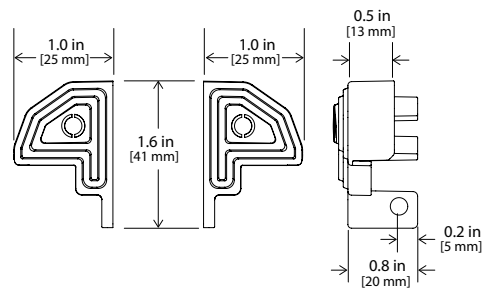


DIMENSIONAL INFORMATION - SYSTEM INTEGRATION ACCESSORIES

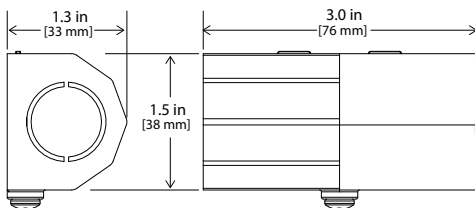
SWIII Joiner
SW3-JOIN-BK-12



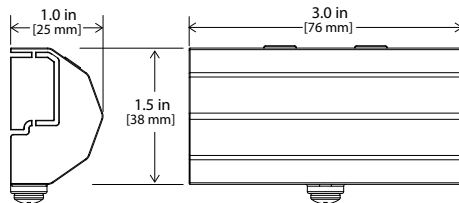
SWIII Endcap
SW3-EC-(L or R)-BK-12



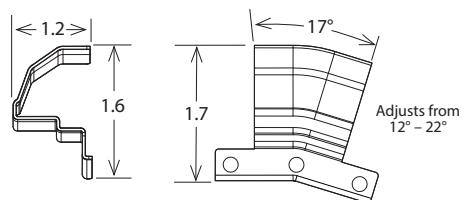
SWIII End J-Box
SW3-EJBOX-(L or R)-BK



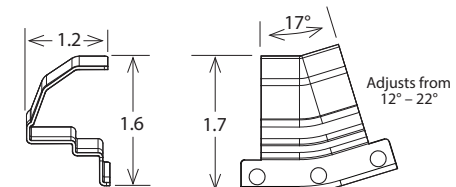
SWIII Center J-Box
SW3-CJBOX-BK



SWIII Downward Angle Joiner
SW3-JOIN-DN-BK-12



SWIII Upward Angle Joiner
SW3-JOIN-UP-BK-12

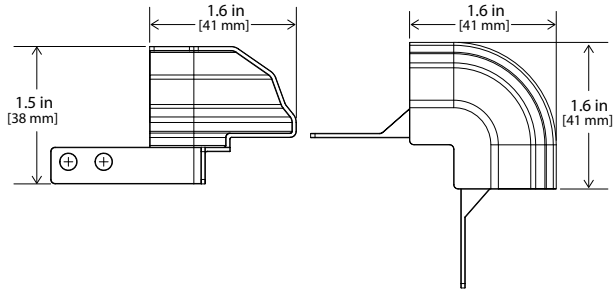


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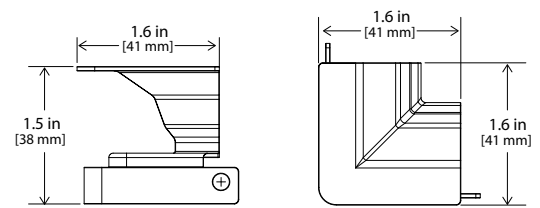
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DIMENSIONAL INFORMATION - SYSTEM INTEGRATION ACCESSORIES

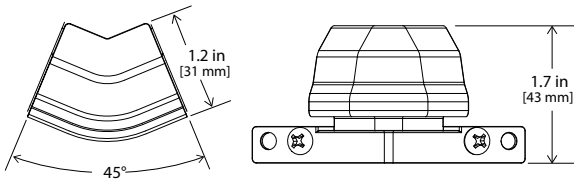
SWIII Outside Corner
SW3-CNR-O-BK-12



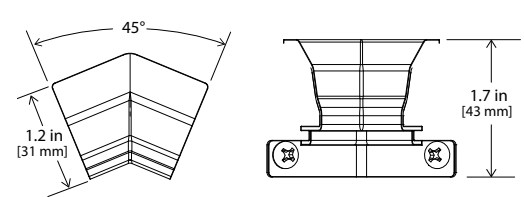
SWIII Inside Corner
SW3-CNR-I-BK-12



SWIII 45° Outside Corner
SW3-CNR-O-45-BK-12

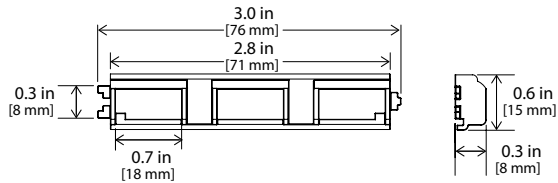


SWIII 45° Inside Corner
SW3-CNR-I-45-BK-12

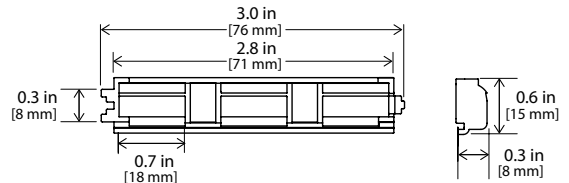


OPTIONAL BAFFLE DETAILS

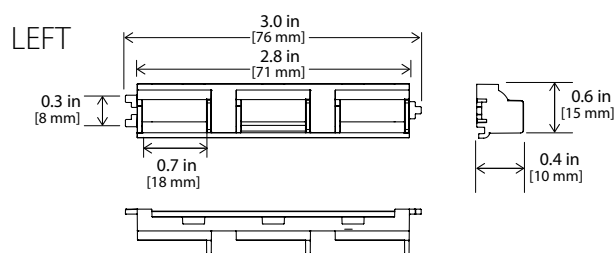
SWIII Baffle 1 - With Scallop
SW3-B1



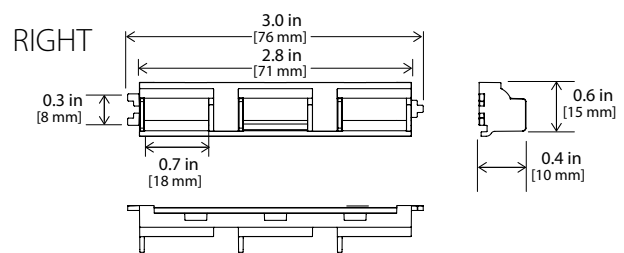
SWIII Baffle 2 - No Scallop
SW3-B2



SWIII Baffle with Left Wall Glare Shield
SW3-B1-L (with scallop)
SW3-B2-L (no scallop)



SWIII Baffle with Right Wall Glare Shield
SW3-B1-R (with scallop)
SW3-B2-R (no scallop)

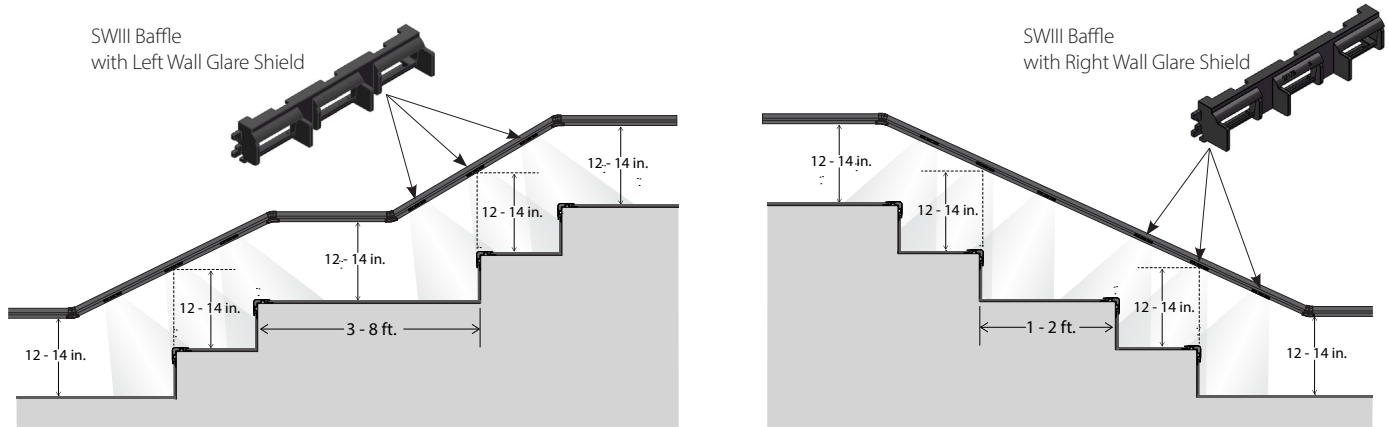


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ANGLED INSTALLATIONS

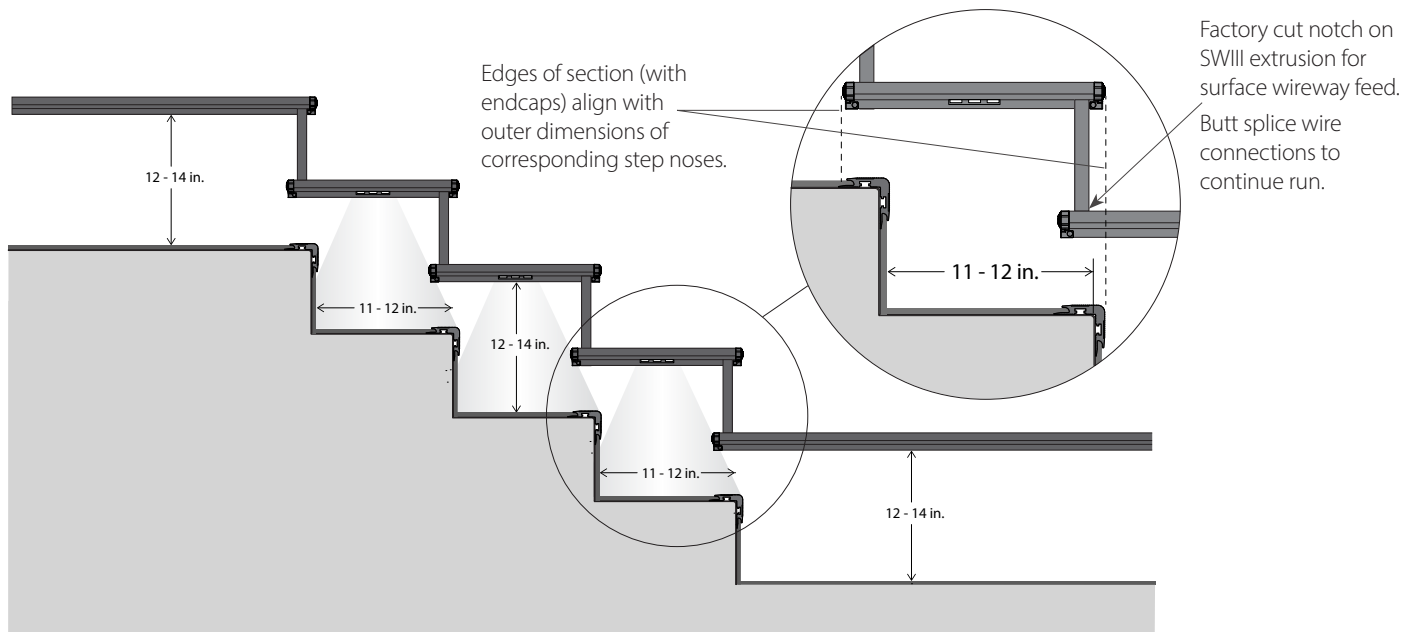
For applications of two sets of steps or less, a diagonal configuration is recommended using the SWIII Downward Angle Joiner and Upward Angle Joiner. To reduce glare on these angled applications, Tempo provides baffles (with and without scallop) that are designed to shield light glare in angled applications on either the left or right walls of an auditorium*. The optional baffles are field-installed (Order info page 3).



* Left and right walls are determined by the orientation as viewed from the screen/stage looking towards the back of the auditorium.

STAIR STEP INSTALLATION

For applications of more than two sets of steps, a 90° stepped configuration is recommended to eliminate any direct glare from LEDs that would occur in an extended diagonal configuration. Tempo provides 14 inch sections of SWIII Wall Light including one LED board to illuminate the step and step nose. Each 14 inch piece comes with factory connectors for an easy plug and play installation. This configuration utilizes Surface Wireway to provide a low profile enclosed channel to run power feeds from one section to the next.



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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.tempollc.com for the most up-to-date specifications and technical data.