FORUM

Customer Name	Date
Project Name	
Catalog Number	

Forecast Z Series

6Z, 6Z Asymmetric, 6Z Regressed

The Forecast Z Series by Forum is a line of recessed luminaires designed to accommodate unique grid ceilings, such as Techzone. Forecast's unique hybrid construction features a sheet metal housing with aluminum trim, reducing fixture weight and cost without sacrificing premium fit and finish. Available in 4 ½" aperture, 4" asymmetric aperture and a 4 ½" aperture with 1" regressed lens. Current's patented TriGain® phosphor delivers 90 CRI color quality at 80 CRI efficacy.

Ordering

	–		–		LED		–		X		–		–		–		–		–		–		
				lm/ft		CCT																		

DISTRIBUTION	PROFILE	OUTPUT		SHIELDING	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3	OPTION 4
		lm/ft	CCT								
SRZ-46 6" width	**FG** 9/16" grid	**65** 650 lm/ft 6.5 input watts/ft*	**27** 2700k temp **93.5%** Special order option	**SAT** Satin Lens	**2** 2'	**120V**	**WH** White	**90 CRI** 90 CRI	**EMLED** LED battery pk		**EC** Emergency Circuit
SRZ-46ASY Asymmetric	**TG** 15/16" grid			**WOL** White Opal Lens	**3** 3'	**277V**	**SV** Silver	**CP** Chicago Plenium	**SW** Separate Switch		**F** Fusing
SRZ-46REC Recessed	**BG** slot grid	**95** 950 lm/ft 9.5 input watts/ft*	**30** 3000k temp **95.2%**	**SAP** Satin Lens over Parabolic Baffle*	**4** 4'	**UNV** Universal	**BK** Black	**MR** 37 MAX MR Module * SRZ-46 and SRZ-46REC only	**ADJ** Adjustable		**DL** Damp Location
	F 1/2" flange	* Assumes 4000k w/ satin lens	**35** 3500k temp **96.8%**	**WOP** White Opal Lens over Parabolic Baffle*	**5** 5'		**CC** Custom Color	DIMMING OPTIONS (CHOOSE 1)			
	FF flange-free sheetrock	**Lumen Multiplier = % of 4000K** Consult factory for limitations	**40** 4000k temp **100%**	* SRZ-46 only	**6** 6'		Provide custom color RAL#:	**D10V** 0-10V dimming 1% power class	**DLA2** Lutron Hi-lume 1% 2-wire LED driver (120V forward phase only)		**DLA3** Lutron Hi-lume 1% 3-wire LED driver
			50 5000k temp **103%**		**7** 7'			**DLEH5** Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On, Fade-to-Black	**DALI** Digitally Addressable Lighting Interface		**DIM** Dimming Please specify dimming manufacturer/model (if required)
		Custom Output LED lm/ft CCT 460-1610 lm/ft			**8** 8'			CONTROLS OPTIONS (CHOOSE 1)			
					PTRN custom pattern*			**OCC** Wattstopper occupancy sensor	**DPS** Wattstopper daylight photo sensor		**LVS** Lutron Vive integrated fixture sensor (occ+daylight)
					Specify continuous run length:			**LVR** Lutron Vive integrated fixture sensor (radio only)	**ELM** Enlighted micro sensor		**OES** Osram SensiLUM
					Standard run length in even foot increments. Units ordered as individual units cannot be joined in field to create runs. * See pattern worksheet			**OEC** Osram Encelium CLM	**OED** Osram CLM DEXAL		**C110** Casambi (1x 010v)
								C210 Casambi (2x 010v)	**CRGBW** Casambi (RGBW)		

1 60 option available with 40 Fixture Length only
2 90 option available with 60 Fixture Length only
3 A2 option available with 80 Fixture Length only
4 10ft aircraft cables with grippers and hourglass sleeves pre-installed. Canopy kits ordered separately
5 G2 option available with 60 Fixture Length and 90 Lumen Output options only
6 10ft Power cord included. 300V 18AWG, 5-Conductor wire
7 Power cord not required for G2 mounting option

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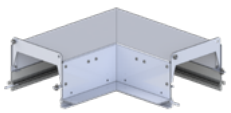
CONTROLS & SENSORS

Ordering Code	Description
OCC	Wattstopper occupancy sensor
DPS	Wattstopper daylight photo sensor
LVS	Lutron Vive integrated fixture sensor (occ+daylight)
LVR	Lutron Vive integrated fixture sensor (radio only)
ELM	Enlighted micro sensor
OES	Osram SensiLUM
OEC	Osram Encelium CLM
OED	Osram CLM DEXAL
C110	Casambi (1x 010v)
C210	Casambi (2x 010v)
CRGBW	Casambi (RGBW)

DIMMING OPTIONS

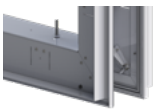
Ordering Code	Description
D10V	0-10V Dimming, 1% power class
DLA2	Lutron Hi-lume 1% 2-1ire LED driver (120V forward phase only)
DLA3	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On, Fade-to-Black
DLA5	Lutron Hi-lume 1% EcoSystem LED driver
DLEH5	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On, Fade-to-Black
DALI	Digitally Addressable Lighting Interface
DIM	Custom Dimming. Please specify dimming manufacturer/model

2. OPTIONAL ACCESSORIES



x Quantity

90° HORIZONTAL CORNER



x Quantity

90° OUTSIDE TRANSITION

x Quantity

90° INSIDE TRANSITION

* Consult factory for additional corner options

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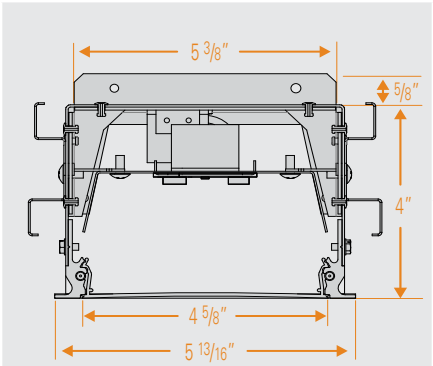
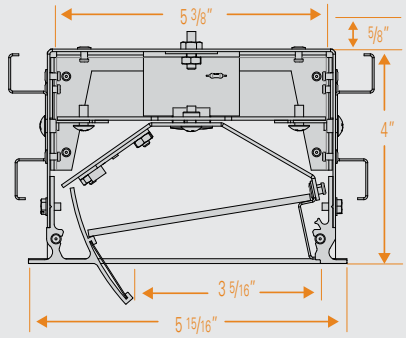
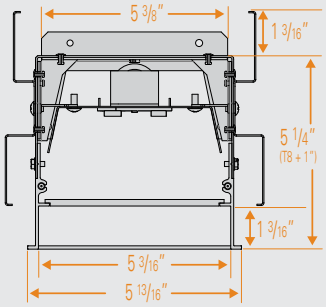
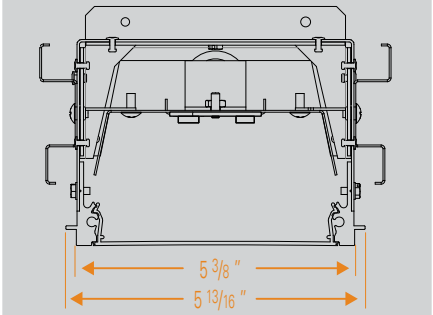
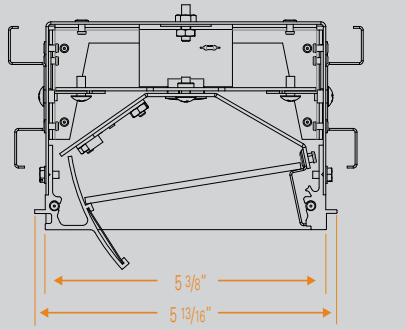
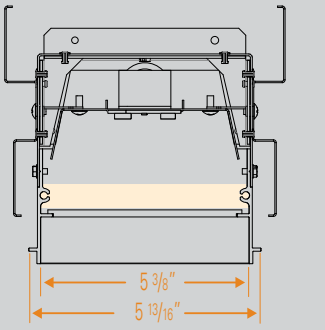
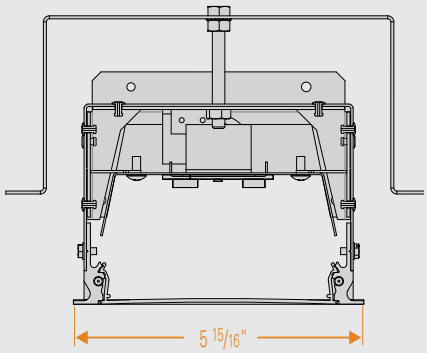
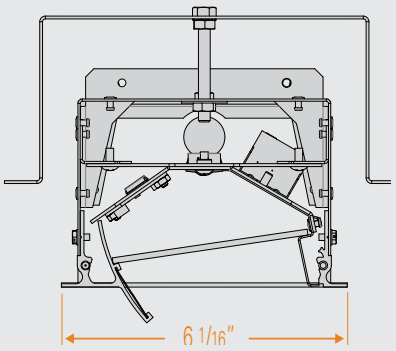
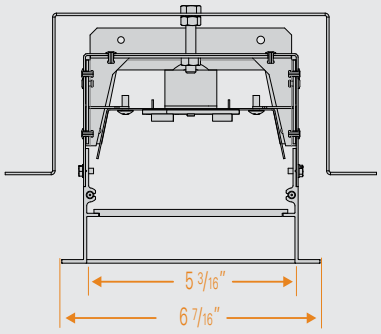
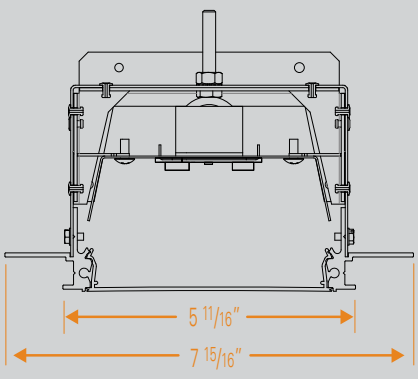
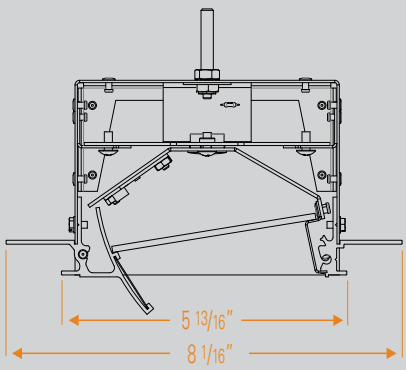
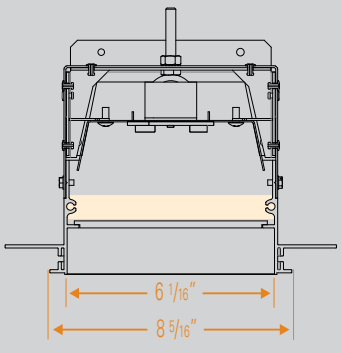
Drawings

	SRZ-46 6″ W	SRZ-46ASY 6″ W	SRZ-46REC 6″ W
FG 9/16″ Grid **TG** 15/16″ Grid			
BG (Bolt Slot Grid)			
F (1/2″ Overlap Flange)			
FF (Flange-Free)			

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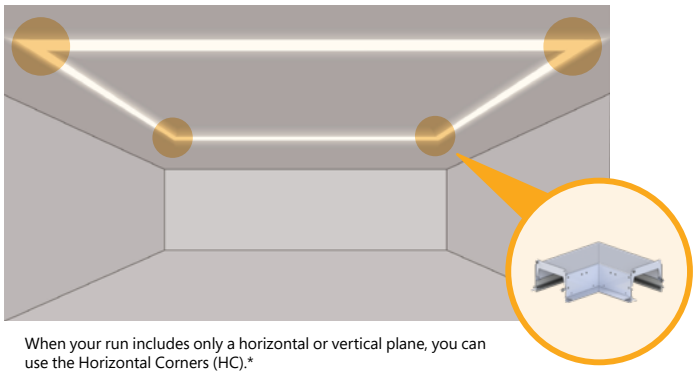
PATTERN WORKSHEET

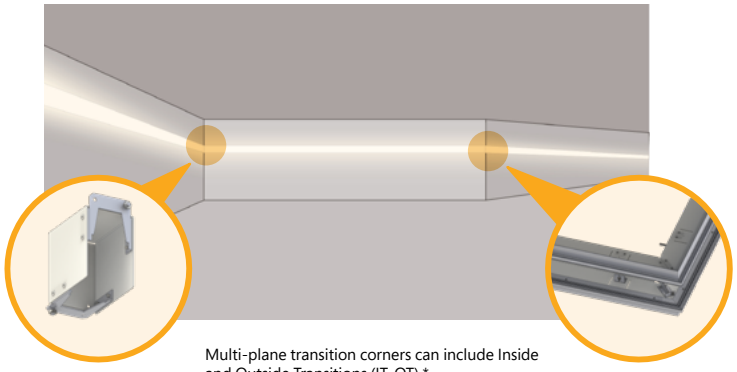
Please use this worksheet to specify your continuous run SRT or SRZ patterns. Please use the next page for all PER patterns.

Horizontal Corners



When your run includes only a horizontal or vertical plane, you can use the Horizontal Corners (HC).*

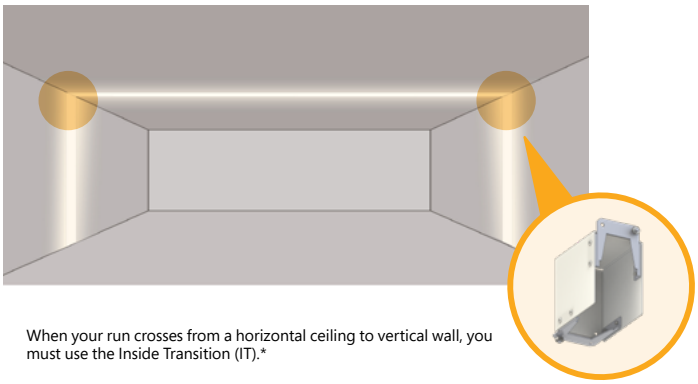
Multi-plane Transition Corners



Multi-plane transition corners can include Inside and Outside Transitions (IT, OT).*

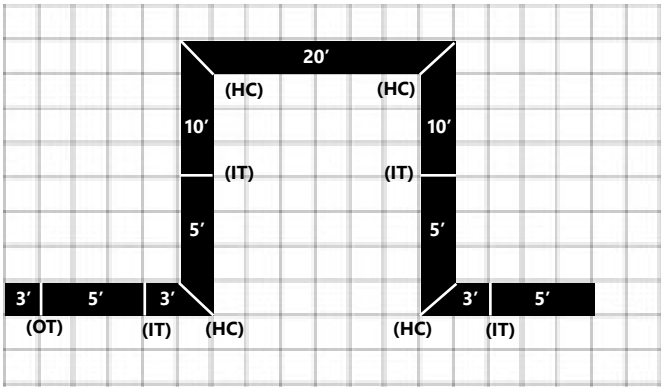
Inside **Outside**

Wall-to-Ceiling Transitions Corners



When your run crosses from a horizontal ceiling to vertical wall, you must use the Inside Transition (IT).*

Example Pattern



OT = 1 HC = 4 IT = 4 Linear Run = 69′

* Please provide drawings, architectural drawings, or renderings of your pattern/room as well.

Please use the grid below to plan out your linear footage and number of needed corners:

OT = HC = IT = Linear Run =

* 90 degree standard

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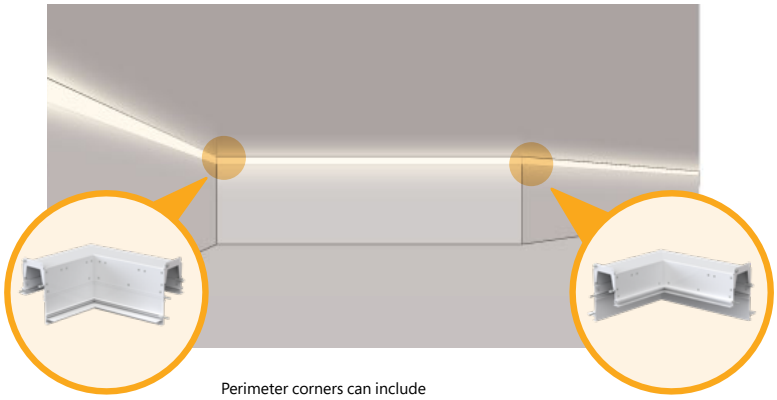
PATTERN WORKSHEET

Please use this worksheet to specify all PER patterns. Please use the previous page for your continuous run SRT or SRZ patterns.

Perimeter Corners

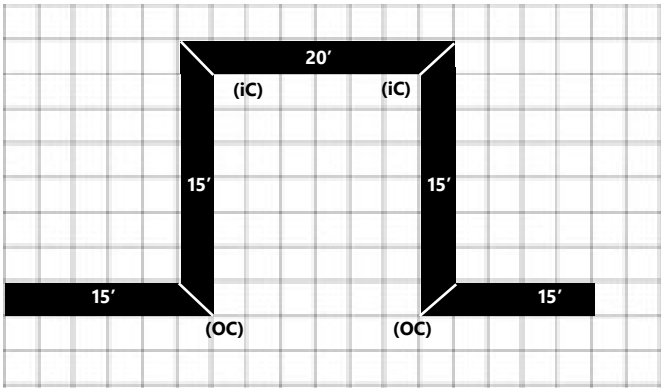


Inside

Perimeter corners can include Inside and Outside (IC, OC).*

Outside

Example Pattern



OC = 2 IC = 2 Linear Run = 80′

* Please provide drawings, architectural drawings, or renderings of your pattern/room as well.

Please use the grid below to plan out your linear footage and number of needed corners:

OT = HC = IT = Linear Run =

* 90 degree standard

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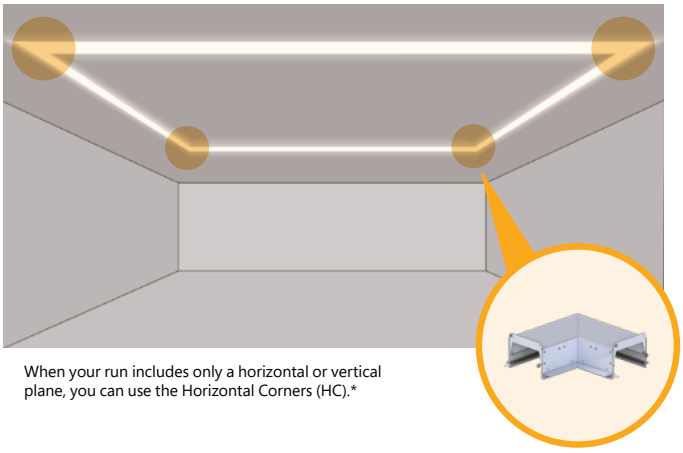
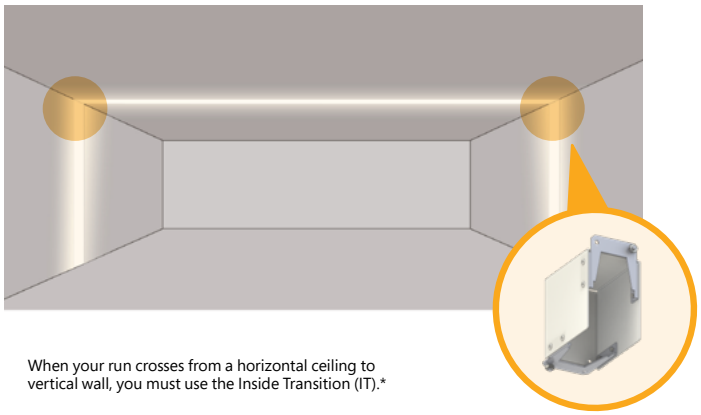
CORNER OPTIONS

Horizontal Corners



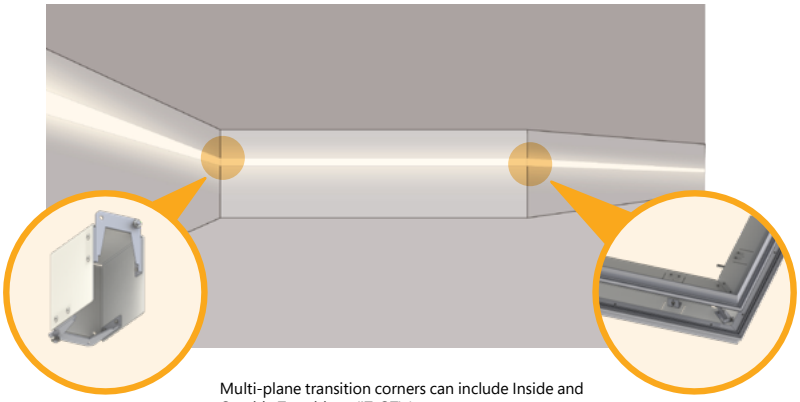
When your run includes only a horizontal or vertical plane, you can use the Horizontal Corners (HC).*

Wall-to-Ceiling Transitions Corners



When your run crosses from a horizontal ceiling to vertical wall, you must use the Inside Transition (IT).*

Multi-plane Transition Corners

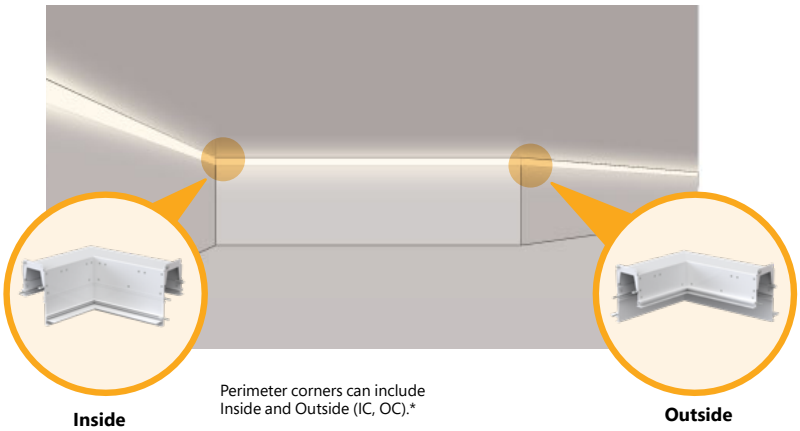


Inside

Multi-plane transition corners can include Inside and Outside Transitions (IT, OT).*

Outside

Perimeter Corners



Inside

Perimeter corners can include Inside and Outside (IC, OC).*

Outside

* 90 degree standard

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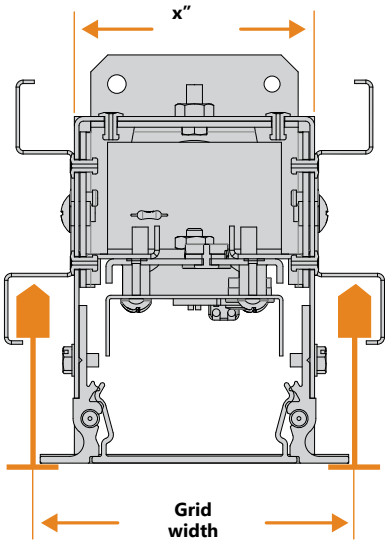
CEILING GRID

Use the guide below to determine the proper ceiling grid placement for installation of the FG/TG and BG profiles.

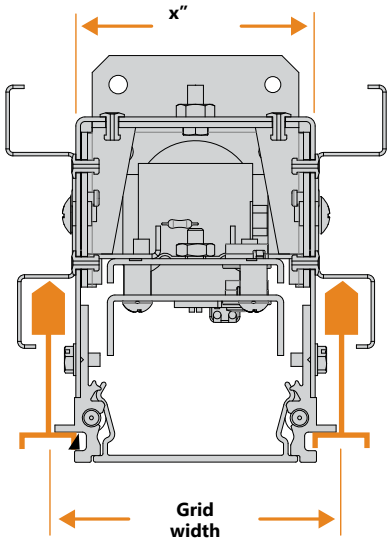
SRT, SRT REC, SRT ASY
FG/TG



Grid width = x" + 7/8"

Use the width (x) provided in the charts on pages 5–7 of this document, and add 7/8".

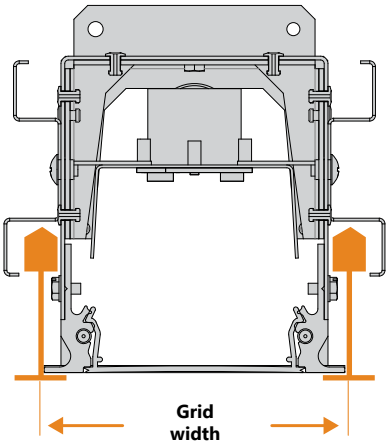
SRT, SRT REC, SRT ASY
BG



Grid width = x" + 5/8"

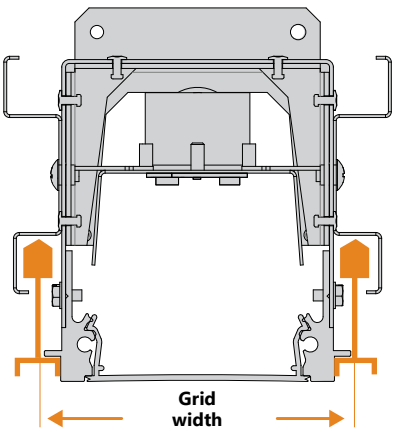
Use the width (x) provided in the charts on pages 5–7 of this document, and add 5/8".

SRZ, SRZ ASY, SRZ REC
FG/TG



For the SRZ profiles, the ceiling grid width is the next highest whole number in relation to x:
SRZ-44 ceiling grid width: = 4"
SRZ-46 ceiling grid width: = 6"

SRZ, SRZ ASY, SRZ REC
BG



For the SRZ profiles, the ceiling grid width is the next highest whole number in relation to x:
SRZ-44 ceiling grid width: = 4"
SRZ-46 ceiling grid width: = 6"

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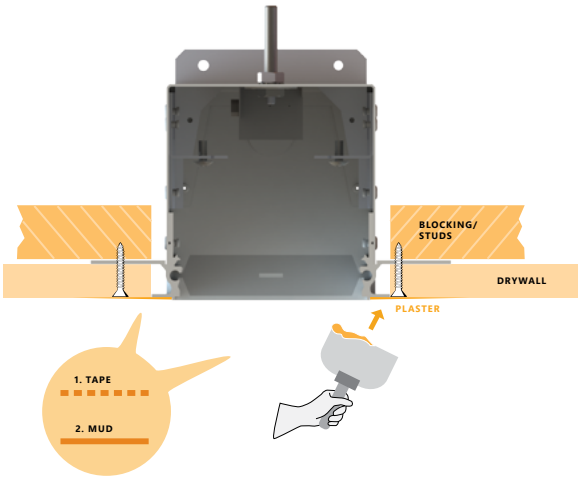
ENVIRONMENT INTERFACE SPECS

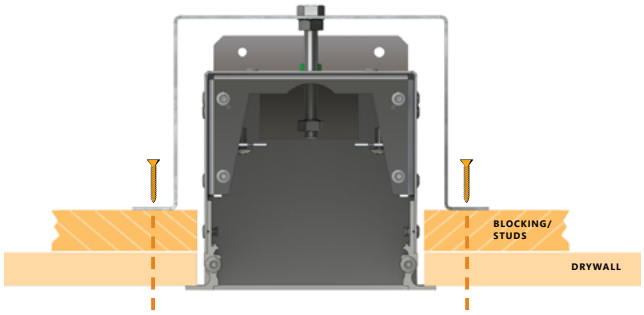
Each Forecast (SRT) series fixture is designed for a specific mounting application. Optical assembly, wiring, and continuous run assembly is universal across the family of fixture profiles. For more information, please consult complete Installation Instructions, available online.

FF (Flange-free) installation



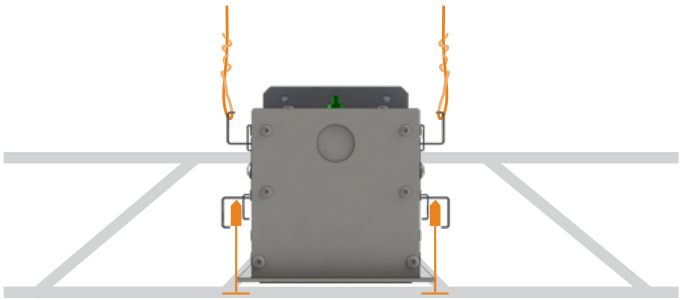
The FF (Flange-Free) fixture is installed prior to drywall installation.

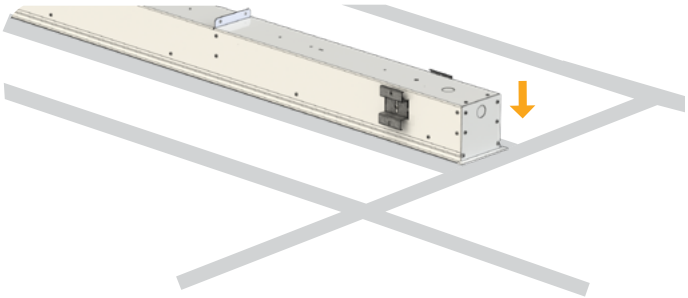
F (1/2" Overlap) installation



The F (1/2" Overlap) fixture is installed after drywall installation.

Fg/BG/TG Grid installation





The FG/TG/BG fixture is installed within a ceiling grid system.

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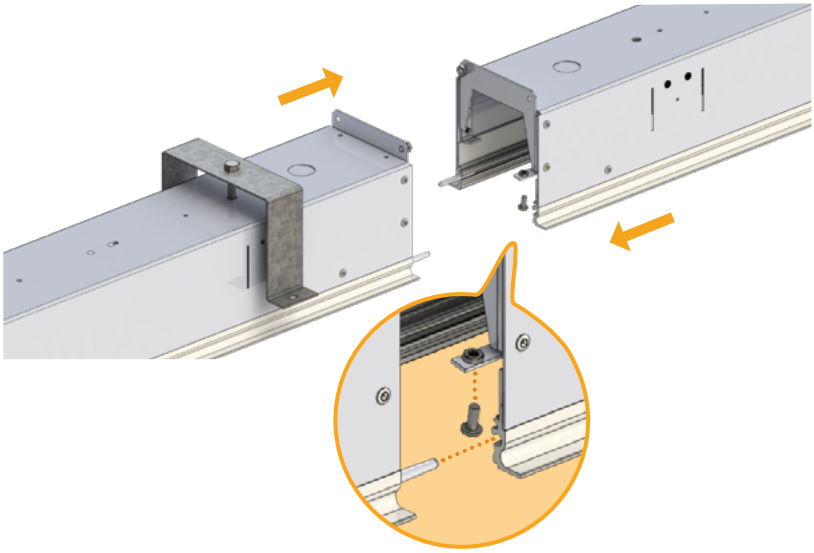
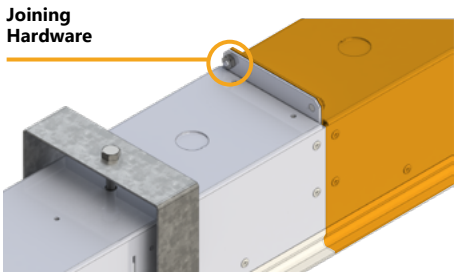
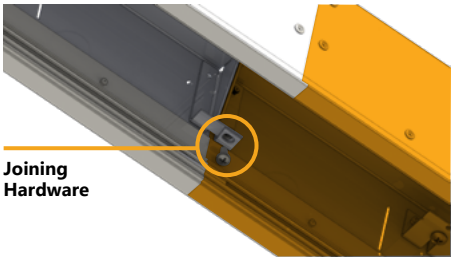
Components and Assembly

JOINING HARDWARE



Alignment pins engage the housing profile of the ajoining units. Gasket strips along the exposed faces ensure a true fit and prevent light leak.

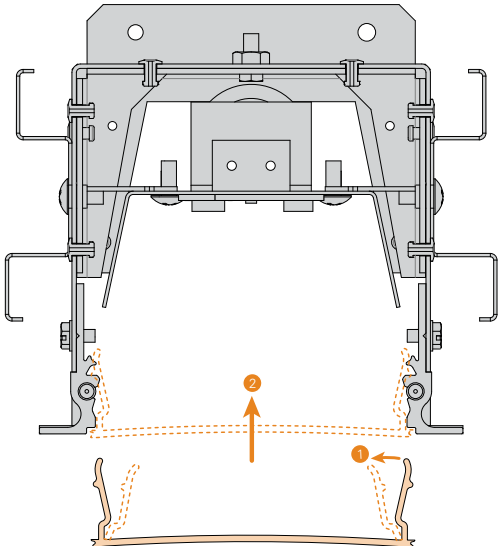




Supplied hardware draws the pieces together tightly.

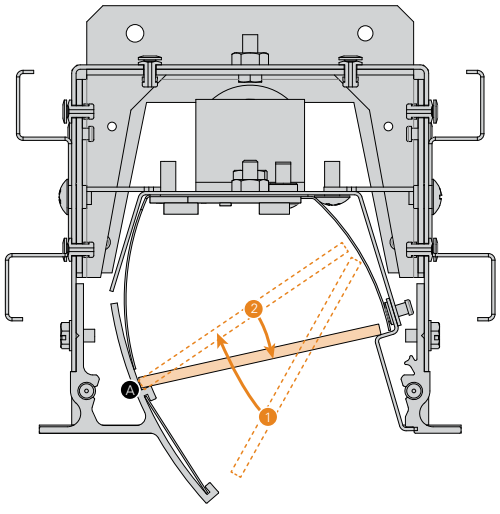
LENS DETAIL

Snap-in Method



For Snap-in Lenses, gently squeeze the sides (1) while lifting into place (2). Lens will snap into position.

Lift-and-Shift Method



For Lift-and-Shift Lenses (used on Regressed, Perimeter, and Asymmetrical fixtures), lift lens into housing (1) ,rest on point A, then lower into place (2).

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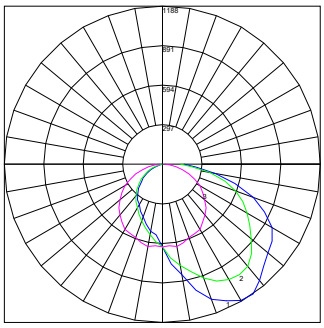
Photometrics

Logic/Config
Forecast 6-series, Asymmetric

2676 Lumens
SRT-46ASY-TG-65LED40-SAT X 4'-WH



Maximum Candela = 1188.23 Located At Horizontal Angle = 0, Vertical Angle = 35
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (45 - 225)
3 - Vertical Plane Through Horizontal Angles (90 - 270)

ZONE	LUMENS	% OF FIXTURE
0-20	256.75	9.60
0-30	581.52	21.70
0-40	1005.04	37.60
0-60	1907.46	71.30
0-80	2549.53	95.30
0-90	2675.9	100.00

ZONE	LUMENS	% OF FIXTURE
10-90	2613.22	97.70
20-40	748.29	28.00
20-50	1208.79	45.20
40-70	1278.37	47.80
60-80	642.07	24.00
70-80	266.12	9.90
80-90	126.37	4.70
90-110	0.00	0.00
90-120	0.00	0.00
90-130	0.00	0.00
90-150	0.00	0.00
90-180	0.00	0.00
110-180	0.00	0.00
0-180	2675.9	100.00

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Forecast Series
6Z, 6Z Asymmetric, 6Z Regressed

Customer Name	Date
Project Name	
Catalog Number	

CONSTRUCTION

Housing:	Extruded aluminum, machined endcaps
Lens:	Satin frosted, and white opal lenses. Aluminum parabolic baffles in a variety of finishes.
Optical Assembly:	.040" aluminum in a pre-paint white finish. Fully wired unit remains completely accessible from below via ballast panel.
Paint:	Black, White, Silver, Custom Color

OPTICAL SYSTEM

Lumens:	490-1710 lm/ft
Distribution:	Direct
Efficacy:	Up to 115 LPW
Wattage:	6.5 - 9.5 watts/ft
CCT:	2700k, 3000K, 3500K, 4000K, 5000K
CRI (Min):	TriGain® 90CRI
R9 (Min):	65
Color Consistency:	2SDCM

ELECTRICAL

Input Voltage:	120V, 277V, Universal Voltage
Input Frequency:	50/60Hz
Power Factor (PF):	>0.9
Total Harmonic Distortion (THD):	<16% - 120V <20% - 277V
Thermal Protection:	Type IC Inherently Protected
Temperature / Humidity:	Suitable for Damp Locations
Transient Protection:	All Non-Lutron = 2.5KV Lutron = 4KV

CONTROLS

Dimming:	0-10V 1% power class; Lutron Hi-lume 1% 2-wire LED driver; Lutron Hi-lume 1% 3-wire LED driver; Lutron Hi-lume 1% EcoSystem LED driver; Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On Fade-to-Black; Lutron 5-Series EcoSystem LED driver; Digitally Addressable Lighting Interface; Custom Dimming

OPERATING TEMPERATURE

Product	Operating Temperature
STD (Non-EM) Options	-30-25°C (-22-77°F)
2in w/Battery	10-25°C (50-77°F)
3/4/6in w/Battery	0-25°C (32-77°F)

LUMEN MAINTENANCE

- L70>50K Hours

MOUNTING

- Recessed
- Hard Ceiling
- Flange-free Sheetrock
- Multiple Tegular Grid Ceiling Options (see pg 7)

DESIGN LIFE & WARRANTY

Warranty:
• LED boards - 5 years
• LED drivers (standard) - 5 years
• LED drivers (Lutron) - 3 years

DAMP RATED TAA Intertek TriGain technology

For Product or Technical Questions:
E: INFO@FORUMLIGHTING.COM
T: +1 412 781 5970

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