



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 1/2" aperture, 4" asymmetric aperture and a 4 1/2" aperture with 1" regressed lens.

Ordering

		LED		X											
		lm/ft	CCT												
DISTRIBUTION	PROFILE	OUTPUT		SHIELDING	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3	OPTION 4				
SRZ-46 6" width	FG 9/16" grid	lm/ft	CCT	SAT Satin Lens	2 2'	120V	WH White	90 CRI 90 CRI	EMLED LED battery pk	EC Emergency Circuit					
	TG 15/16" grid	65 650 lm/ft 6.5 input watts/ft*	27 2700k temp 93.5% Special order option	WOL White Opal Lens	3 3'	277V	SV Silver	CP Chicago Plenum	SW Separate Switch	F Fusing					
SRZ-46ASY Asymmetric	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			WOP White Opal Lens over Parabolic Baffle*	5 5'		CC Custom Color								
SRZ-46REC Recessed	FF flange-free sheetrock	* Assumes 4000k w/ satin lens Lumen Multiplier = % of 4000K Consult factory for limitations	35 3500k temp 96.8%	* SRZ-46 only	6 6'		Provide custom color RAL#:				DIMMING OPTIONS (CHOOSE 1)	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	
			40 4000k temp 100%		7 7'										
			50 5000k temp 103%		8 8'										
			PTRN custom pattern*												
			Specify continuous run length:												
		Custom Output													
		LED													
		lm/ft	CCT												
		460-1610 lm/ft													

- 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 gripples 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 Powercord 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
DLE55	Lutron 5-Series EcoSystem LED driver
DALI	Digitally Addressable Lighting Interface
DIM	Custom Dimming. Please specify dimming manufacturer/model

2. OPTIONAL ACCESSORIES



90° HORIZONTAL CORNER



90° OUTSIDE TRANSITION



90° INSIDE TRANSITION

* Consult factory for additional corner options



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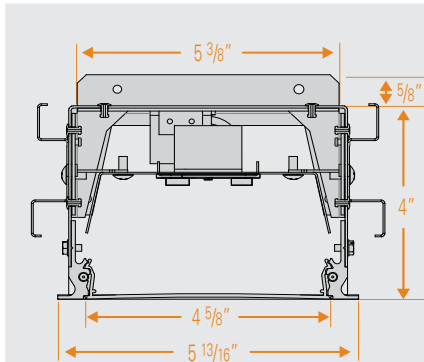
Drawings

SRZ-46
6" W

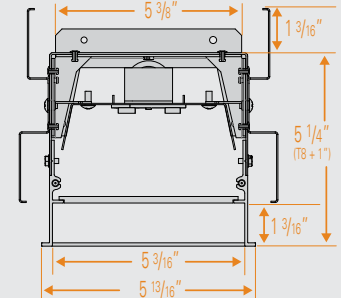
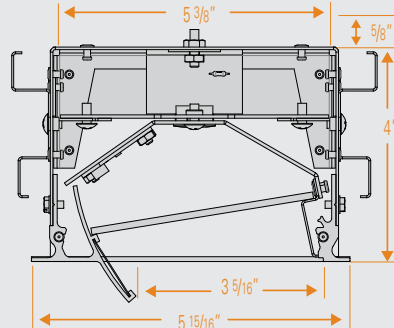
SRZ-46ASY
6" W

SRZ-46REC
6" W

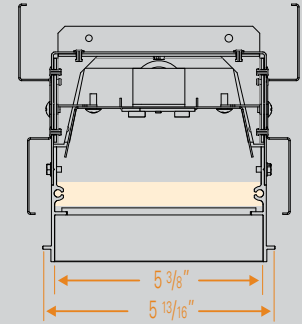
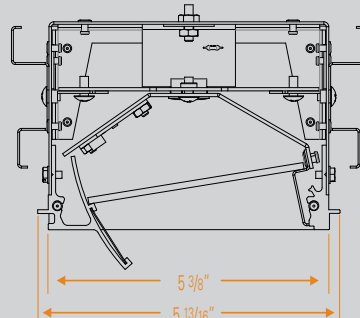
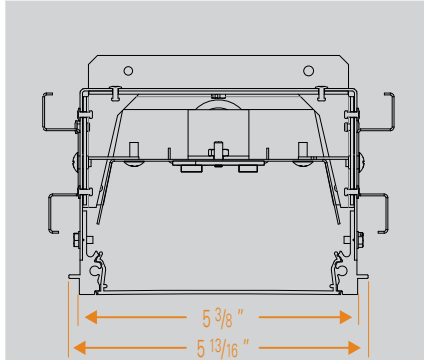
FG
9/16" Grid



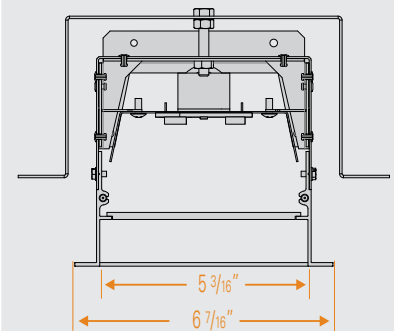
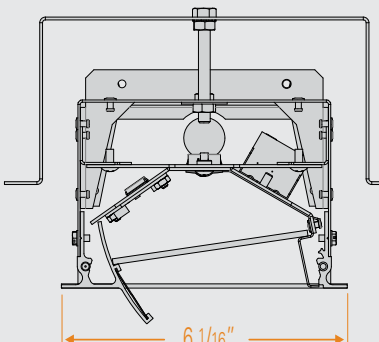
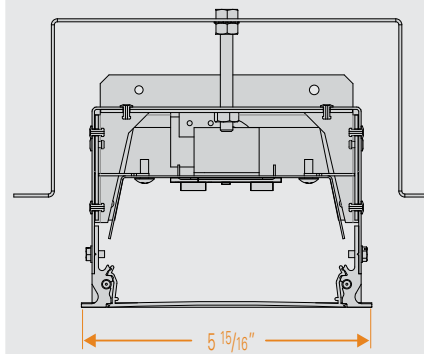
TG
15/16" Grid



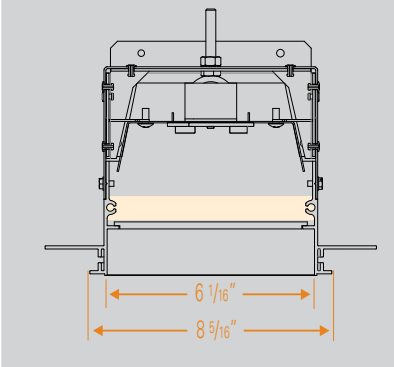
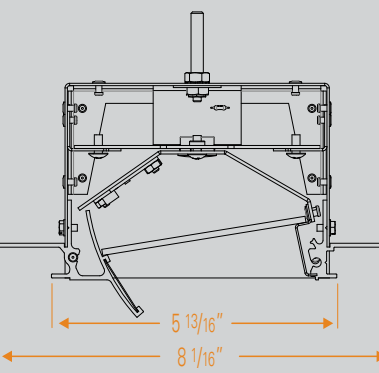
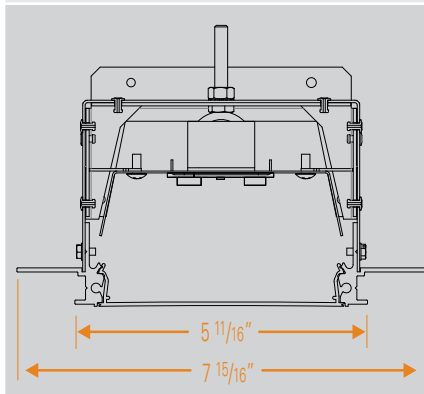
BG
(Bolt Slot Grid)



F
(1/2" Overlap Flange)



FF
(Flange-Free)





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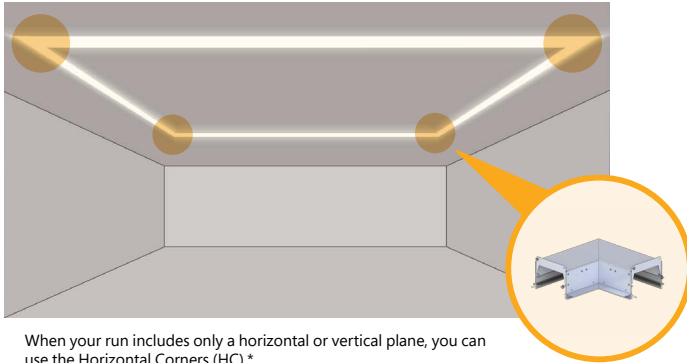
Project Name

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PATTERN WORKSHEET

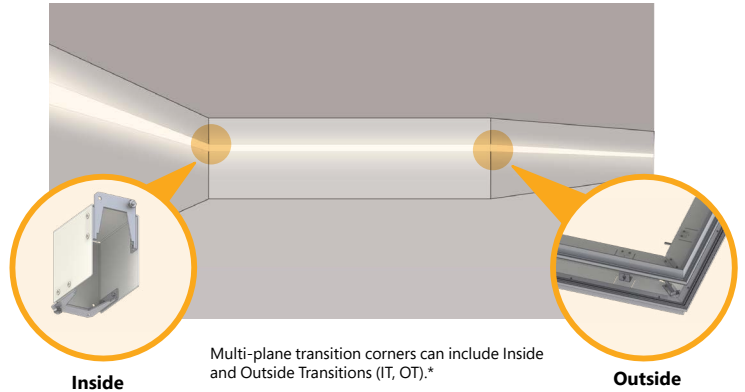
Please use this worksheet to specify your continuous run SRT or SRZ patterns. Please use the next page for all PER patterns.

Horizontal Corners



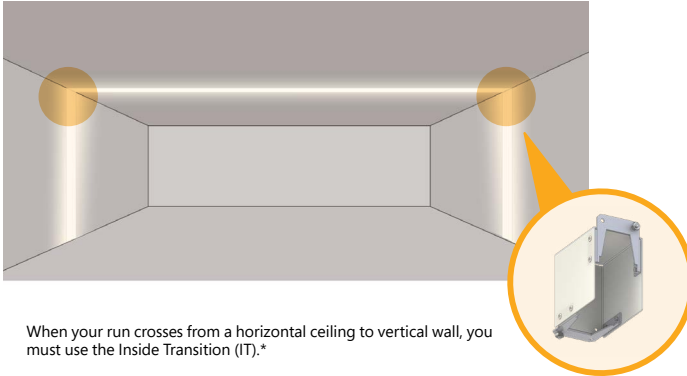
When your run includes only a horizontal or vertical plane, you can use the Horizontal Corners (HC).*

Multi-plane Transition Corners



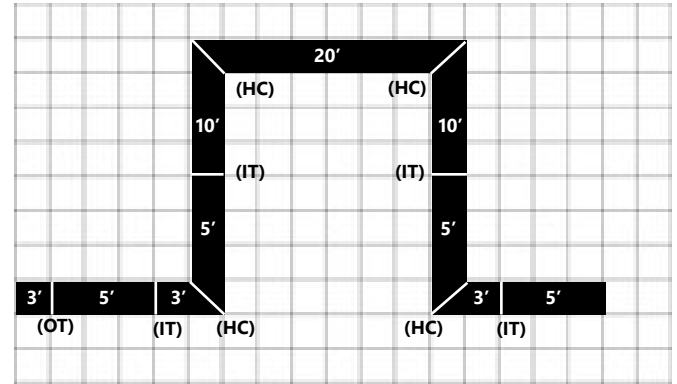
Multi-plane transition corners can include Inside and Outside Transitions (IT, OT).*

Wall-to-Ceiling Transitions Corners



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

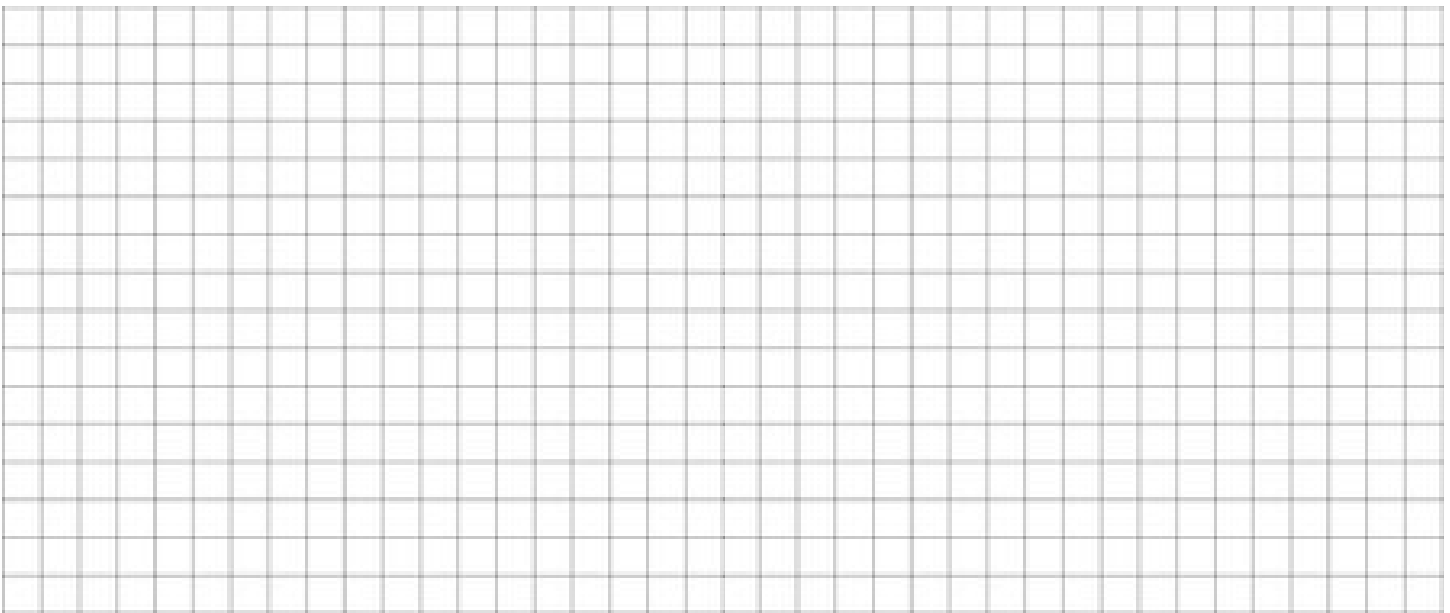
Example Pattern



OT = 1 HC = 4 IT = 4 Linear Run = 69'

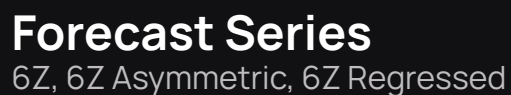
* Please provide drawings, architectural drawings, or renderings of your pattern/room as well.

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



OT = HC = IT = Linear Run =

* 90 degree standard



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

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

Inside

Outside

A diagram of a square frame on a grid. The top horizontal member is labeled 20'. The left vertical member is labeled 15'. The right vertical member is labeled 15'. The bottom horizontal member is labeled 15'. The corners are labeled (iC) at the top-left and top-right, and (oC) at the bottom-left and bottom-right. The frame is drawn with thick black lines.

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:

[illegible]

OT = HC = IT = Linear Run =

* 90 degree standard



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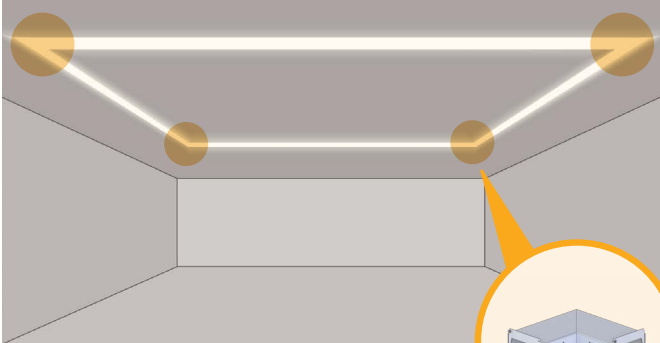
Date

Project Name

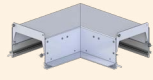
Catalog Number

CORNER OPTIONS

Horizontal Corners



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



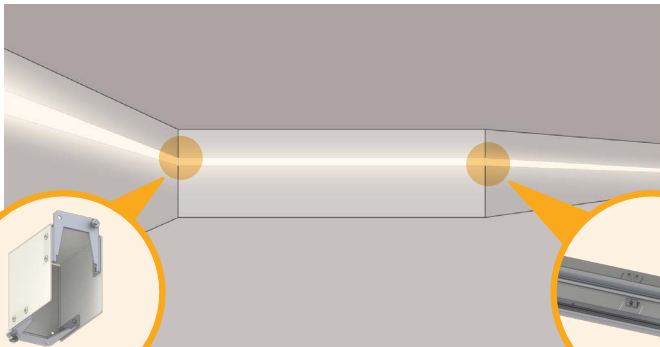
Wall-to-Ceiling Transitions Corners



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



Multi-plane Transition Corners

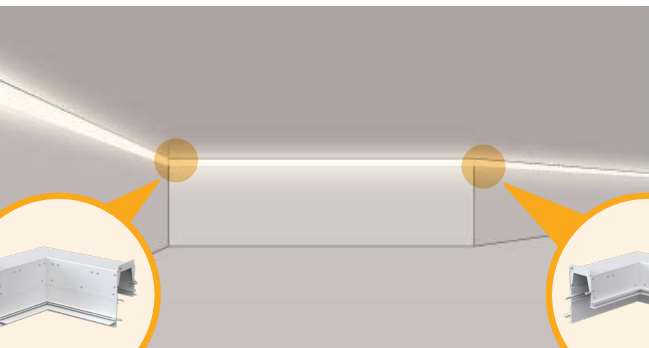


Multi-plane transition corners can include Inside and Outside Transitions (IT, OT).*

Inside

Outside

Perimeter Corners



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

Inside

Outside

* 90 degree standard



Forecast Series

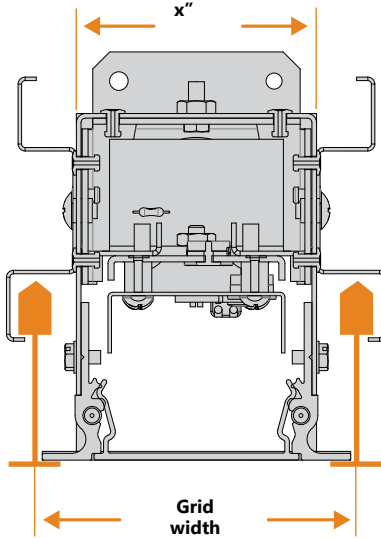
6Z, 6Z Asymmetric, 6Z Regressed

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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.

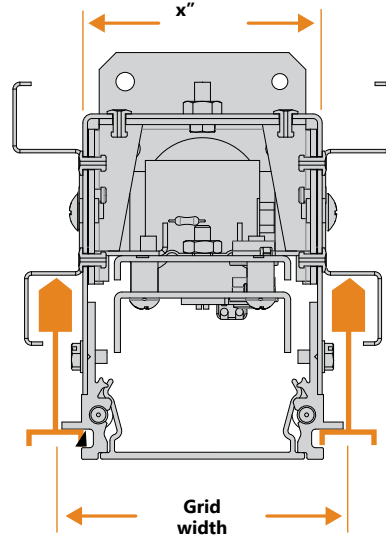
**SRT, SRT REC, SRT ASY
FG/TG**



$$\text{Grid width} = x'' + 7/8''$$

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

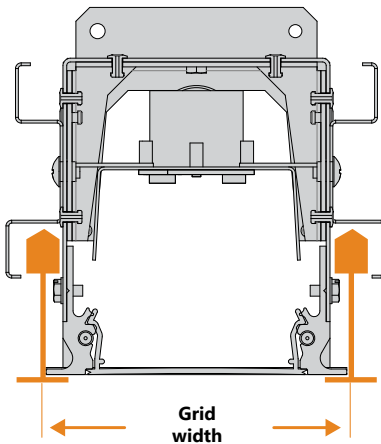
**SRT, SRT REC, SRT ASY
BG**



$$\text{Grid width} = x'' + 5/8''$$

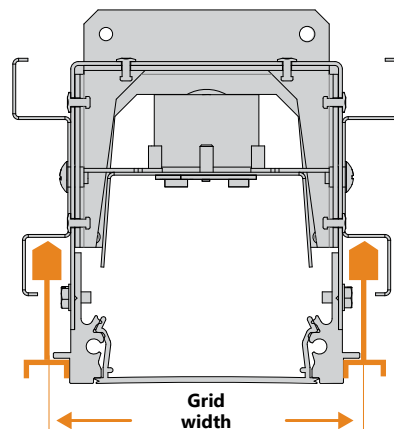
Use the width (x) provided in the charts on pages 5–7 of this document, and add 5/8".

**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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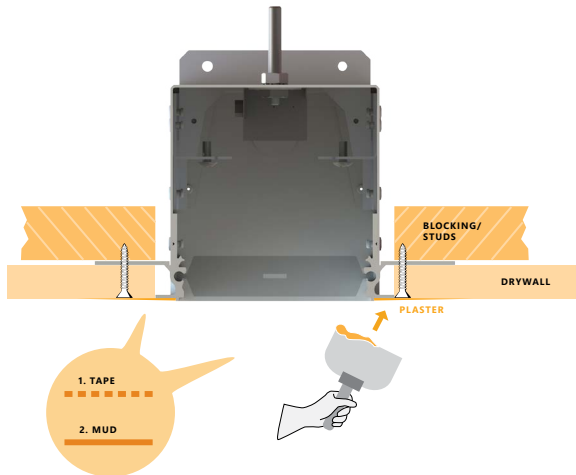
Project Name

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ENVIRONMENT INTERFACE SPECS

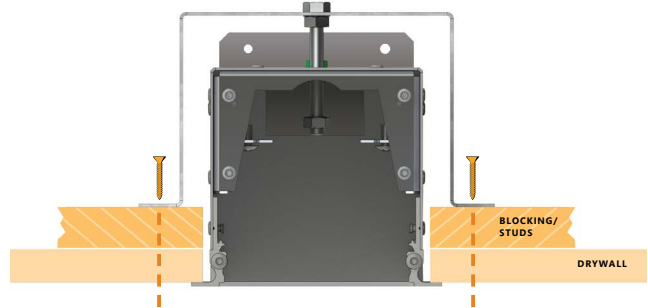
Each Forecast (SRT) series fixture is designed for a specific mounting application. Optical assembly, wiring, and continuous run assembly is universal across the family of fixture profiles. For more information, please consult complete Installation Instructions, available online.

FF (Flange-free) installation



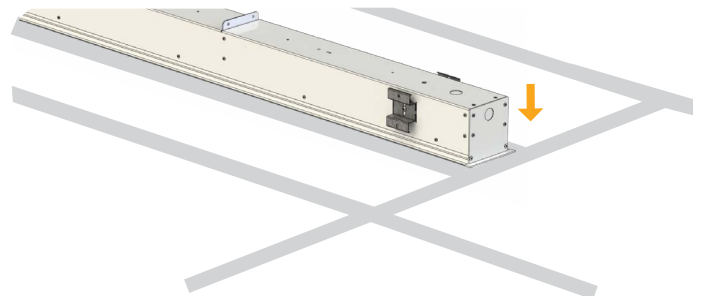
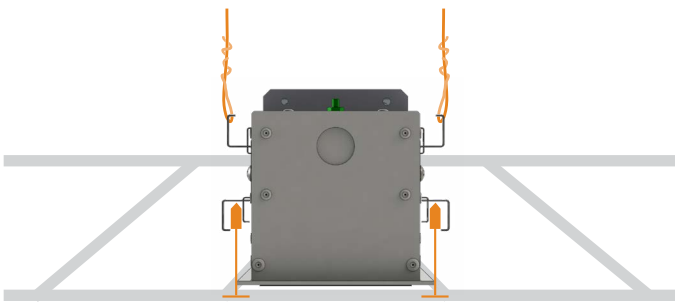
The FF (Flange-Free) fixture is installed prior to drywall installation.

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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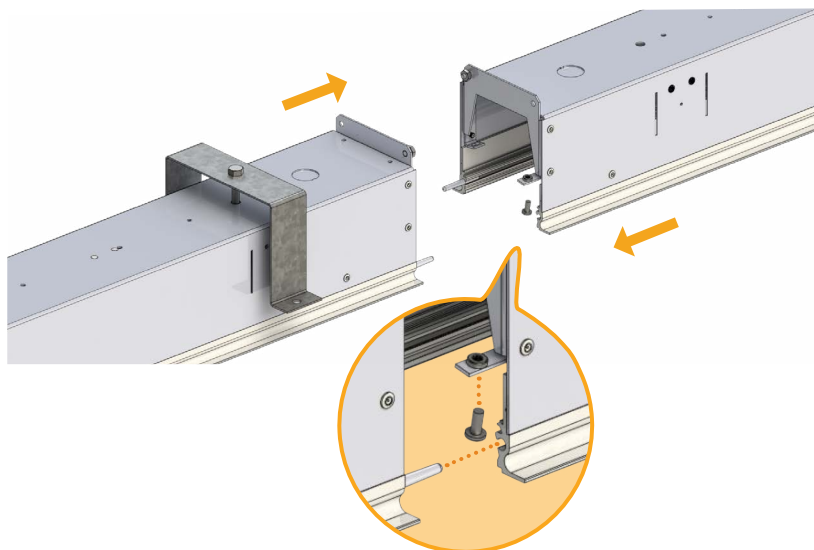
Date

Project Name

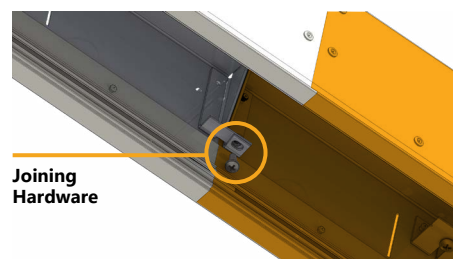
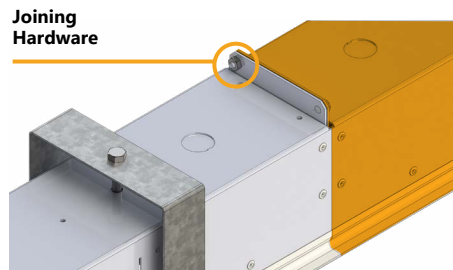
Catalog Number

Components and Assembly

JOINING HARDWARE



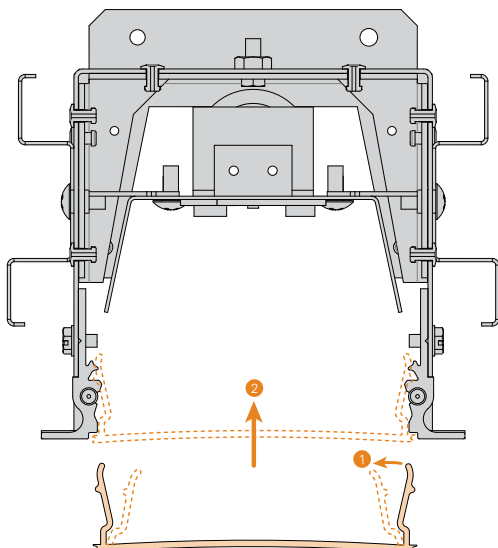
Alignment pins engage the housing profile of the adjoining units. Gasket strips along the exposed faces ensure a true fit and prevent light leak.



Supplied hardware draws the pieces together tightly.

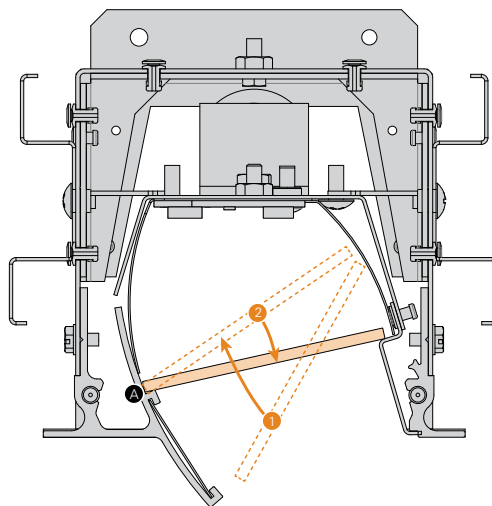
LENS DETAIL

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).

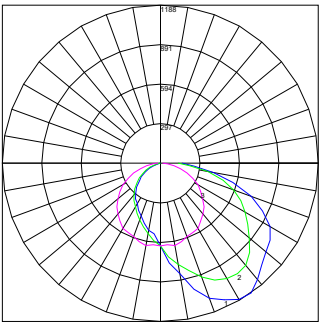


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Photometrics

Logic/Config
Forecast 6-series, Asymetric

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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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):	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
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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



For Product or Technical Questions:

E: INFO@FORUMLIGHTING.COM
T: +1 412 781 5970