

Customer Name	Date
Project Name	
Catalog Number	

Forecast Series

3, 4, 6 Regressed Lens

The Forecast series by Forum is a line of continuously illuminated recessed luminaires. 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 with a 1" regressed lens in 1 1/2", 3" and 5" apertures and various grid and hard ceiling configurations.

Ordering

		LED											
		lm/ft	CCT										
DISTRIBUTION	PROFILE	OUTPUT		SHIELDING	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3	OPTION 4		
SRT-43REC 2 1/2" width	FG 9/16" grid	65	27	SAT Satin Lens	2 2'	120V	WH White	MR 37W MAX MR Module	EMLED LED battery pk	EC Emergency Circuit			
	TG 15/16" grid	650 lm/ft 6.5 input watts/ft*	2700k temp 93.5% Special order option	WOL White Opal Lens	3 3'	277V	SV Silver	CP Chicago Plenum	SW Separate Switch	F Fusing			
SRT-44REC 4" width	BG slot grid	95	30		4 4'	UNV Universal	BK Black	90 CRI 90 CRI	ADJ Adjustable	DL Damp Location			
	F 1/2" flange	950 lm/ft 9.5 input watts/ft*	3000k temp 95.2%		5 5'		CC Custom Color Provide custom color RAL#:	DIMMING OPTIONS (CHOOSE 1)					
SRT-46REC 6" width	FF flange-free sheetrock	* Assumes 4000k w/ satin lens	35 3500k temp 96.8%		6 6'			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			
		Lumen Multiplier = % of 4000K	40 4000k temp 100%		7 7'			DLEH5 Lutron Hi-lume 1%-H EcoSystem LED driver with soft-On, Fade-to-Black	DLE55 Lutron 5-Series EcoSystem LED driver	DLE55 Lutron 5-Series EcoSystem LED driver			
		Consult factory for limitations	50 5000k temp 103%		8 8'			DALI Digitally Addressable Lighting Interface	DIM Dimming Please specify dimming manufacturer/model (if required)				
		Custom Output			PTRN custom pattern*			CONTROLS OPTIONS (CHOOSE 1)					
		LED			Specify continuous run length:			OCC Wattstopper occupancy sensor	DPS Wattstopper daylight photo sensor	LVS Lutron Vive integrated fixture sensor (occ+daylight)			
		lm/ft	CCT		Standard run length in even foot increments.			LVR Lutron Vive integrated fixture sensor (radio only)	ELM Enlighted micro sensor	OES Osram SensiLUM			
		SRT-43REC : 430-980 lm/ft SRT-44REC : 460-1610 lm/ft SRT-46REC : 490-1710 lm/ft			Units ordered as individual units cannot be joined in field to create runs.			OEC Osram Encelium CLM	OED Osram CLM DEXAL	C110 Casambi (1x 010v)			
					* See pattern worksheet			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 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

* Consult factory for additional corner options



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Drawings

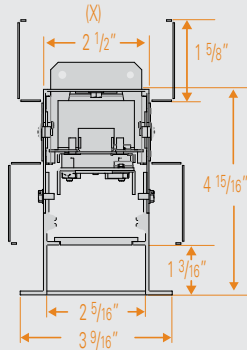
3" W

4" W

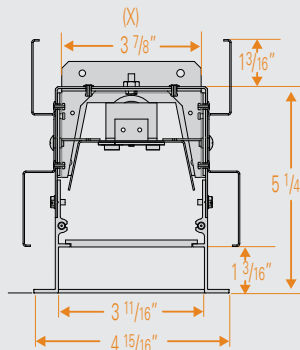
6" W

FG
9/16" Grid

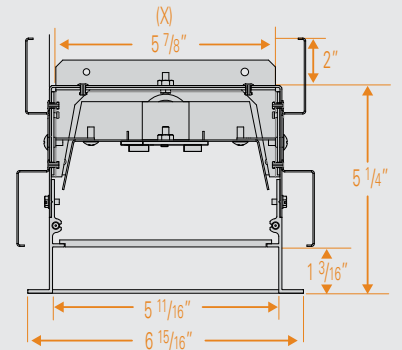
SRT-43REC



SRT-44REC

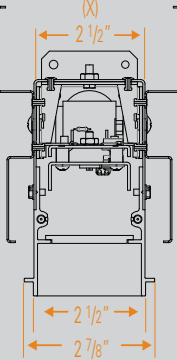


SRT-46REC

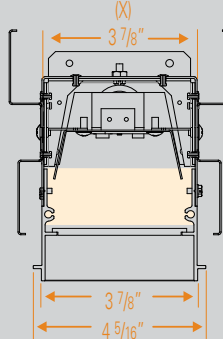


TG
15/16" Grid

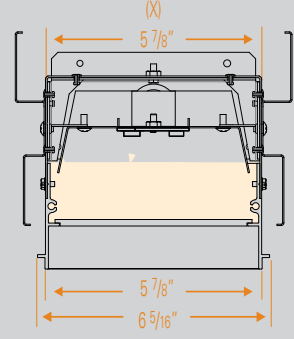
SRT-43REC



SRT-44REC

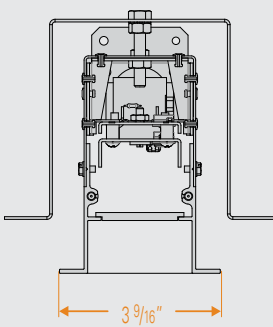


SRT-46REC

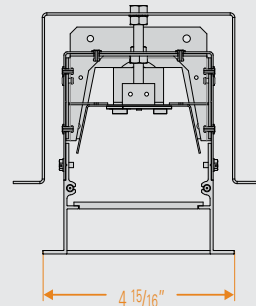


BG
(Bolt Slot Grid)

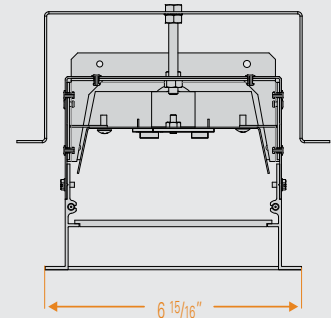
SRT-43REC



SRT-44REC

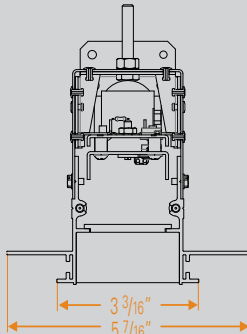


SRT-46REC

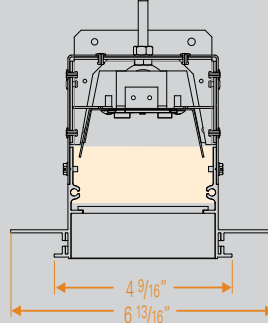


F
(1/2" Overlap
Flange)

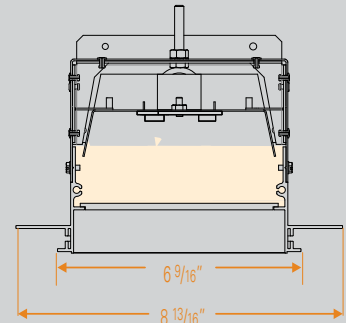
SRT-43REC



SRT-44REC

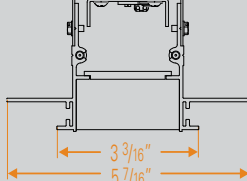


SRT-46REC

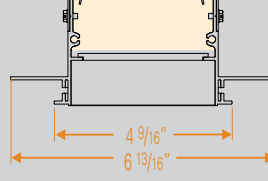


FF
(Flange-Free)

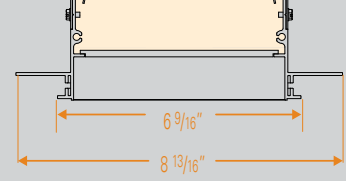
SRT-43REC



SRT-44REC



SRT-46REC





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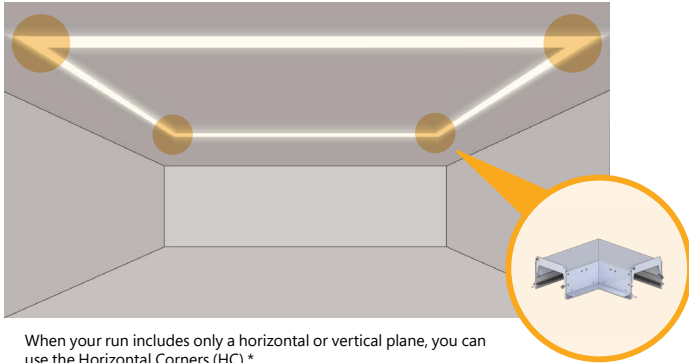
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PATTERN WORKSHEET

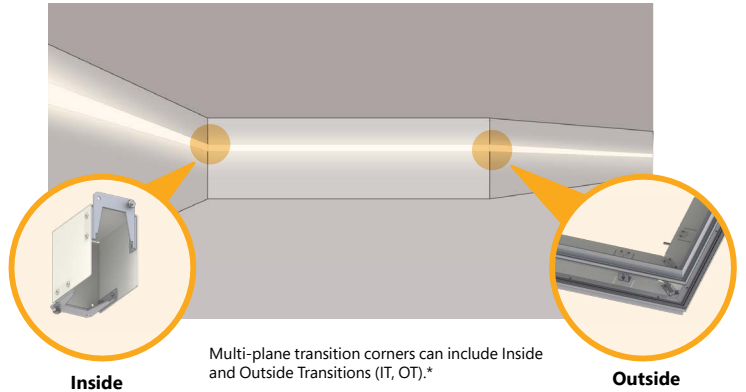
Please use this worksheet to specify your continuous run SRT or SRZ patterns. Please use the next page for all PER patterns.

Horizontal Corners



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

Multi-plane Transition Corners

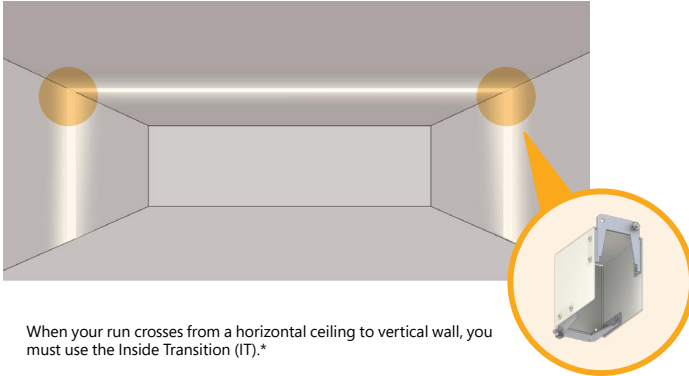


Inside

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

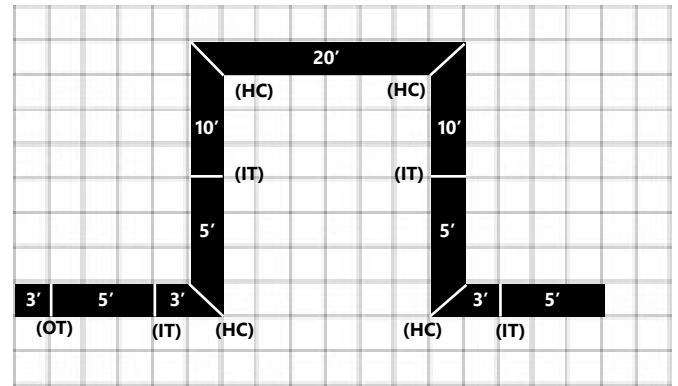
Outside

Wall-to-Ceiling Transitions Corners



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

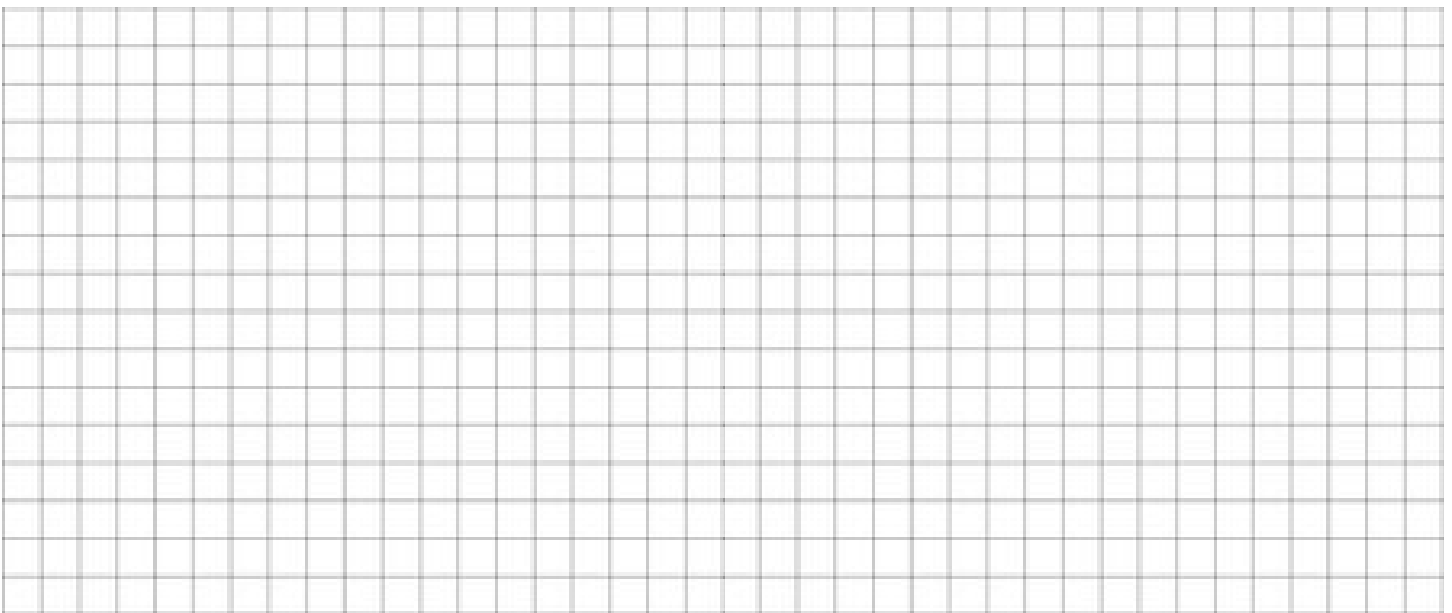
Example Pattern



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

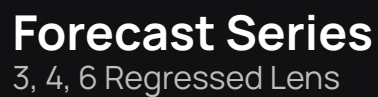
* Please provide drawings, architectural drawings, or renderings of your pattern/room as well.

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



OT = HC = IT = Linear Run =

* 90 degree standard



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

The diagram shows a U-shaped wall layout on a grid. The top horizontal segment is labeled 20'. The left vertical segment is labeled 15'. The right vertical segment is labeled 15'. The bottom-left horizontal segment is labeled 15'. The bottom-right horizontal segment is labeled 15'. The corners are labeled (iC) at the top-left and top-right, and (oC) at the bottom-left and bottom-right.

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:

A full-page view of a blank sheet of white graph paper. The grid consists of thin, light gray horizontal and vertical lines forming small squares across the entire page. There are no margins, text, or other markings on the paper.

OT = HC = IT = Linear Run =

* 90 degree standard



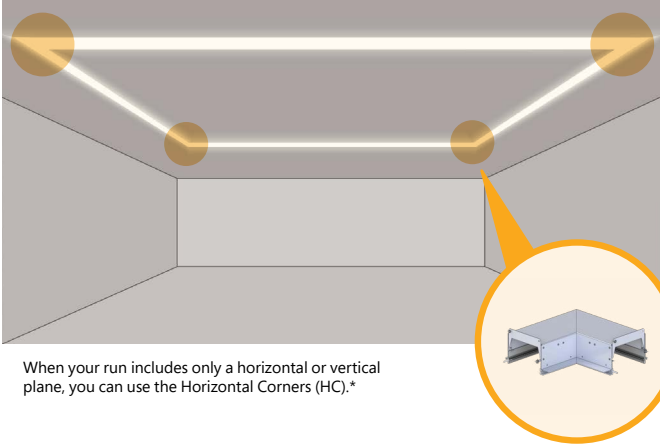
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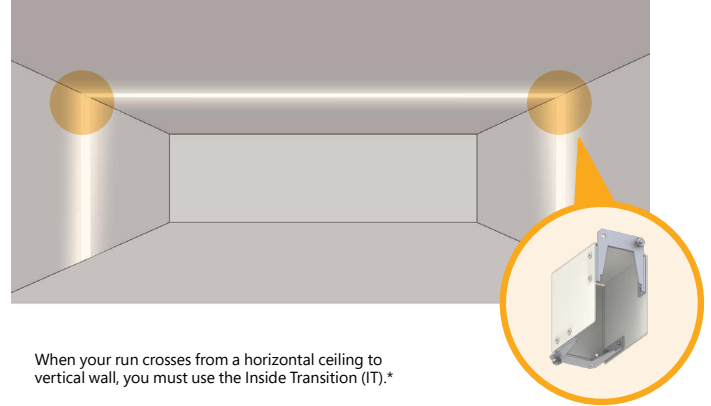
CORNER OPTIONS

Horizontal Corners



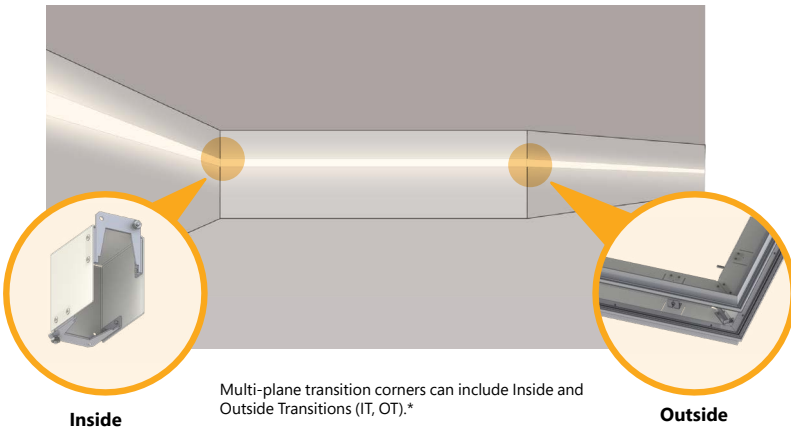
When your run includes only a horizontal or vertical plane, you can use the Horizontal Corners (HC).*

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

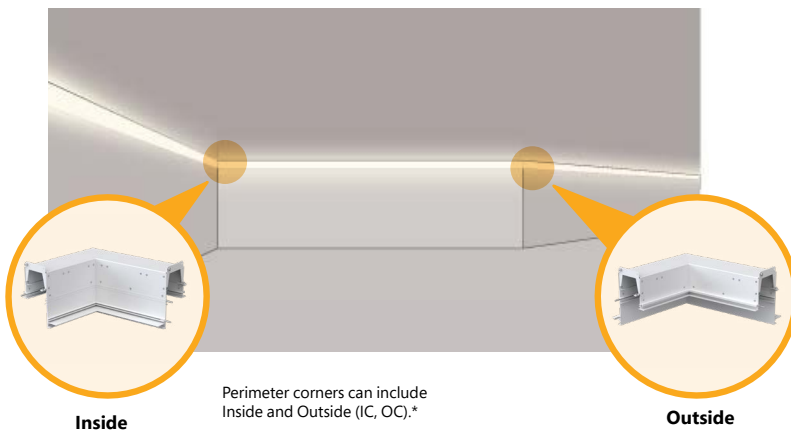


Multi-plane transition corners can include Inside and Outside Transitions (IT, OT).*

Inside

Outside

Perimeter Corners



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

Inside

Outside

* 90 degree standard

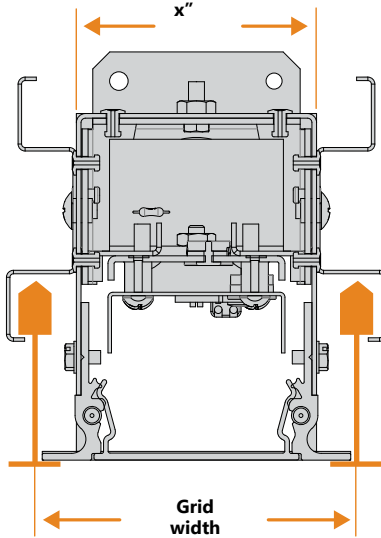


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CEILING GRID

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

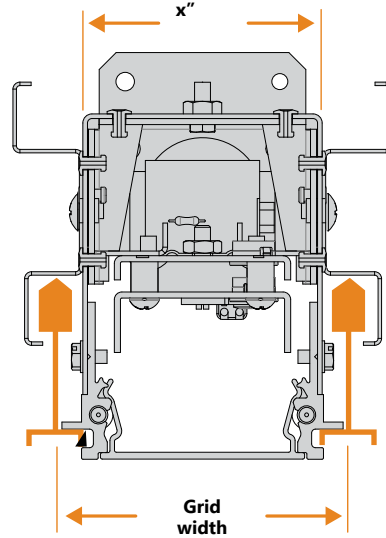
**SRT, SRT REC, SRT ASY
FG/TG**



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

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

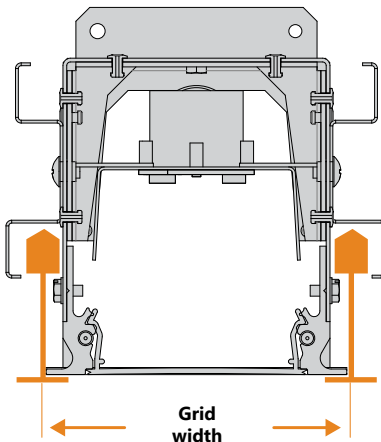
**SRT, SRT REC, SRT ASY
BG**



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

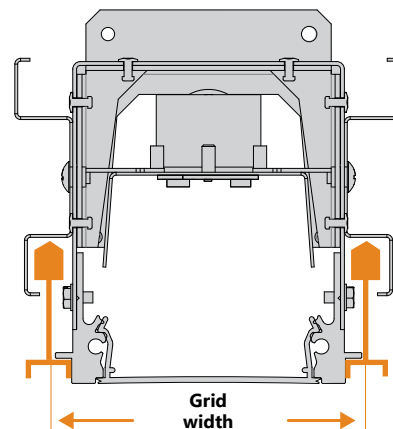
Use the width (x) provided in the charts on pages 5–7 of this document, and add 5/8".

**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**



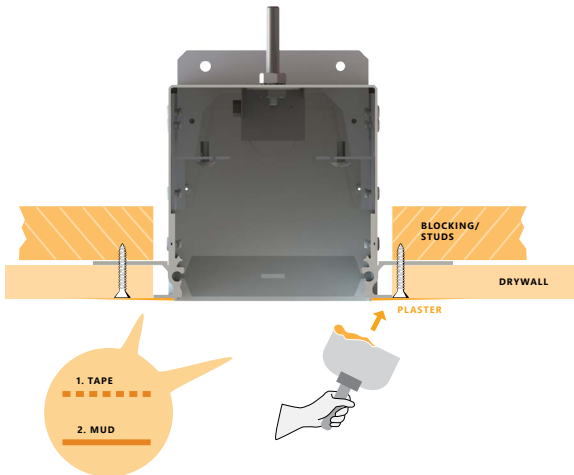
For the SRZ profiles, the ceiling grid width is the next highest whole number in relation to x:
SRZ-44 ceiling grid width: = 4"
SRZ-46 ceiling grid width: = 6"



ENVIRONMENT INTERFACE SPECS

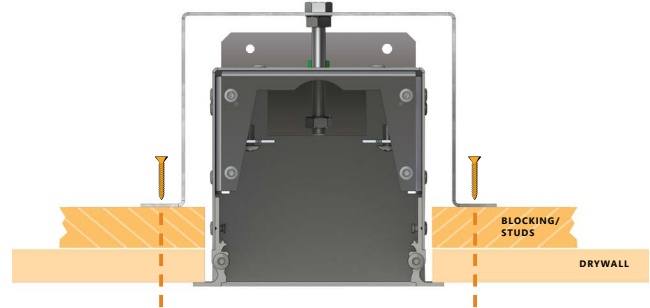
Each Forecast (SRT) series fixture is designed for a specific mounting application. Optical assembly, wiring, and continuous run assembly is universal across the family of fixture profiles. For more information, please consult complete Installation Instructions, available online.

FF (Flange-free) installation



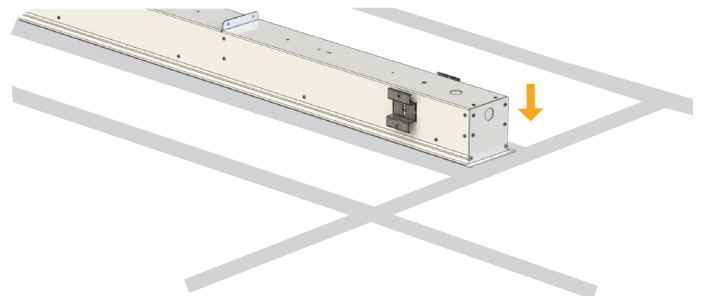
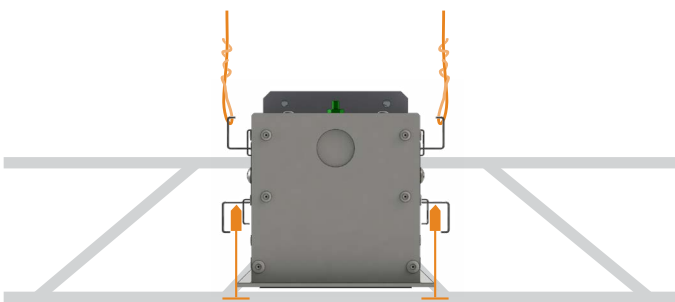
The FF (Flange-Free) fixture is installed prior to drywall installation.

F (1/2" Overlap) installation



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

Fg/BG/TG Grid installation



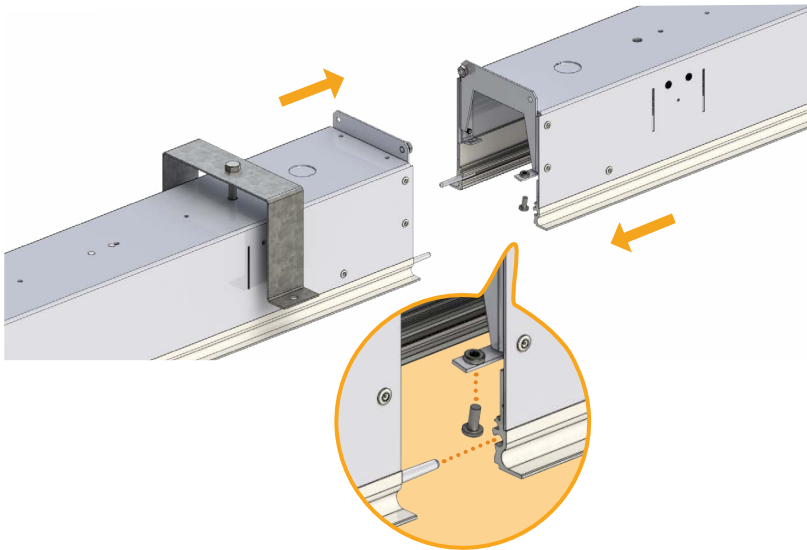
The FG/TG/BG fixture is installed within a ceiling grid system.



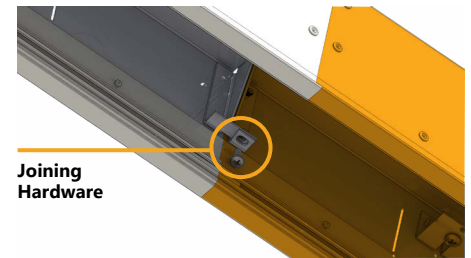
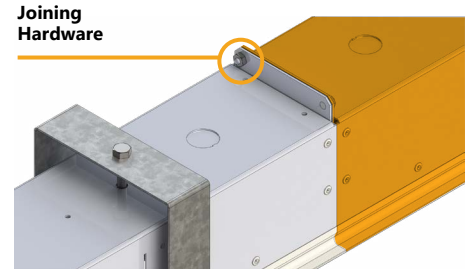
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Components and Assembly

JOINING HARDWARE



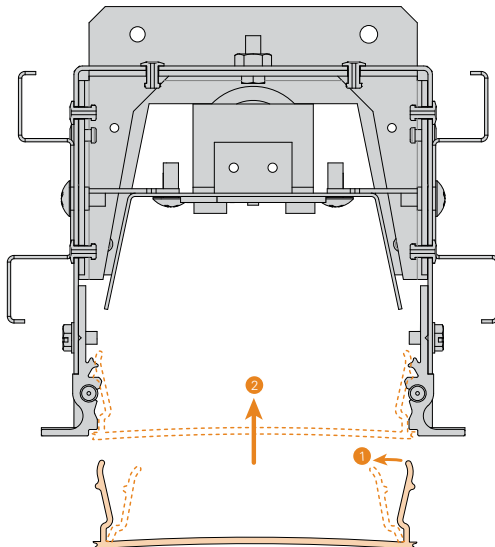
Alignment pins engage the housing profile of the adjoining units. Gasket strips along the exposed faces ensure a true fit and prevent light leak.



Supplied hardware draws the pieces together tightly.

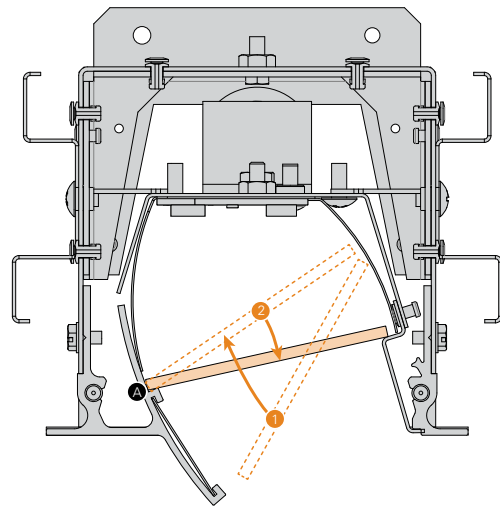
LENS DETAIL

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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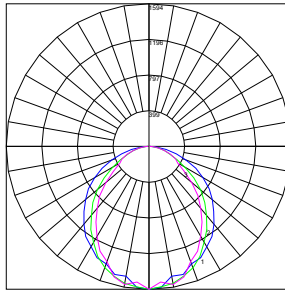
Project Name

Catalog Number

Photometrics

Logic/Config Forecast 3-series

3841 Lumens
SRT-43REC-TG-95LED40-WOL X 4'-WH



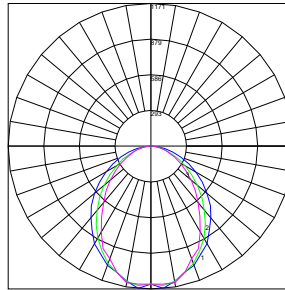
Maximum Candela = 1594.18 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (45 - 225)
 # 3 - Vertical Plane Through Horizontal Angles (90 - 270)

ZONE	LUMENS	% OF FIXTURE
0-20	567.94	14.80
0-30	1184.23	30.80
0-40	1892.82	49.30
0-60	3153.03	82.10
0-80	3776.05	98.30
0-90	3841.21	100.00

ZONE	LUMENS	% OF FIXTURE
10-90	3692.98	96.10
20-40	1324.88	34.50
20-50	2016.05	52.50
40-70	1658.56	43.20
60-80	623.02	16.20
70-80	224.66	5.80
80-90	65.17	1.70
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	3841.21	100.00

Logic/Config Forecast 4-series

2633 Lumens
SRT-44REC-TG-65LED40-SAT X 4'-WH



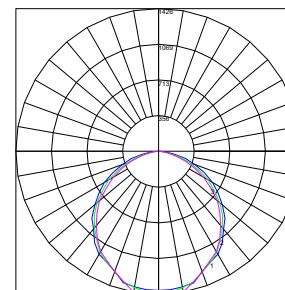
Maximum Candela = 1594.18 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
 # 2 - Vertical Plane Through Horizontal Angles (45 - 225)
 # 3 - Vertical Plane Through Horizontal Angles (90 - 270)

ZONE	LUMENS	% OF FIXTURE
0-20	411.72	15.60
0-30	849.03	32.20
0-40	1337.69	50.80
0-60	2181.69	82.90
0-80	2590.47	98.40
0-90	2633.18	100.00

ZONE	LUMENS	% OF FIXTURE
10-90	2524.12	95.90
20-40	925.98	35.20
20-50	1389.77	52.80
40-70	1109.01	42.10
60-80	408.78	15.50
70-80	143.77	5.50
80-90	42.71	1.60
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	2633.18	100.00

Logic/Config Forecast 6-series

3814 Lumens
SRT-46REC-TG-95LED40-WOL X 4'-WH



Maximum Candela = 1594.18 Located At Horizontal Angle = 0, Vertical Angle = 0
 # 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	512.35	13.40
0-30	1079.62	28.30
0-40	1757.15	46.10
0-60	3065.97	80.40
0-80	3749.64	98.30
0-90	3814.03	100.00

ZONE	LUMENS	% OF FIXTURE
10-90	3680.91	96.50
20-40	1244.81	32.60
20-50	1940.88	50.90
40-70	1756.67	46.10
60-80	683.67	17.90
70-80	235.82	6.20
80-90	64.39	1.70
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	3814.03	100.00



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CONSTRUCTION

Housing: Extruded aluminum, machined endcaps

Lens: Satin frosted, and white opal lenses.

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: 430-1710 lm/ft

Distribution: Direct

Efficacy: Up to 117 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

OPERATING TEMPERATURE

Product	Operating Temperature
STD (Non-EM) Options	-30-25°C (-22-77°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:

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