FORUM

Forecast Series
3, 4, 6 Perimeter

The Forecast series by Forum is a line of recessed luminaires designed to accent perimeters and vertical surfaces. Forecast's unique hybrid construction features a sheet metal housing with aluminum trim, reducing fixture weight and cost without sacrificing premium fit and finish. Forecast Perimeter is available in 1 ⅝", 4" and 6" apertures with a 3" regressed lens depth. Available in various grid and hard ceiling configurations. Current's patented TriGain® phosphor delivers 90 CRI color quality at 80 CRI efficacy.

Ordering

`— — LED — X — — — —`

LED: lm/ft   CCT

DISTRIBUTION	PROFILE	OUTPUT		SHIELDING	LENGTH	VOLTAGE	FINISH	OPTION 1	OPTION 2	OPTION 3	OPTION 4
		lm/ft	**CCT**								
SRT-43PER 2 ½" 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	**MR** 37W MAX MR Module	**EMLED** LED battery pk		**EC** Emergency Circuit
SRT-44PER 4" width	**TG** 15/16" grid			**WOL** White Opal Lens	**3** 3'	**277V**	**SV** Silver	**CP** Chicago Plenium	**SW** Separate Switch		**F** Fusing
SRT-46PER 6" width	**BG** slot grid	**95** 950 lm/ft 9.5 input watts/ft*	**30** 3000k temp 95.2%		**4** 4'	**UNV** Universal	**BK** Black	**90 CRI** 90 CRI	**ADJ** Adjustable		**DL** Damp Location
	F 1/2" flange				**5** 5'		**CC** Custom Color	DIMMING OPTIONS (CHOOSE 1)			
	FF flange-free sheetrock	* Assumes 4000k w/ satin lens	**35** 3500k temp 96.8%		**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	
		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	**DALI** Digitally Addressable Lighting Interface	**DIM** Dimming: Please specify dimming manufacturer/model (if required)	
		Consult factory for limitations	**50** 5000k temp 103%		**8** 8'			CONTROLS OPTIONS (CHOOSE 1)			
		Custom Output			**PTRN** custom pattern*			**OCC** Wattstopper occupancy sensor	**DPS** Wattstopper daylight photo sensor	**LVS** Lutron Vive integrated fixture sensor (occ+daylight)	
		LED lm/ft CCT			Specify continuous run length:			**LVR** Lutron Vive integrated fixture sensor (radio only)	**ELM** Enlighted micro sensor	**OES** Osram SensiLUM	
		SRT-43PER : 430-980 lm/ft **SRT-44PER** : 460-1610 lm/ft **SRT-46PER** : 490-1710 lm/ft			Standard run length in even foot increments.			**OEC** Osram Encelium CLM	**OED** Osram CLM DEXAL	**C110** Casambi (1x 010v)	
					Units ordered as individual units cannot be joined in field to create runs.			**C210** Casambi (2x 010v)	**CRGBW** Casambi (RGBW)		
					* See pattern worksheet						

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

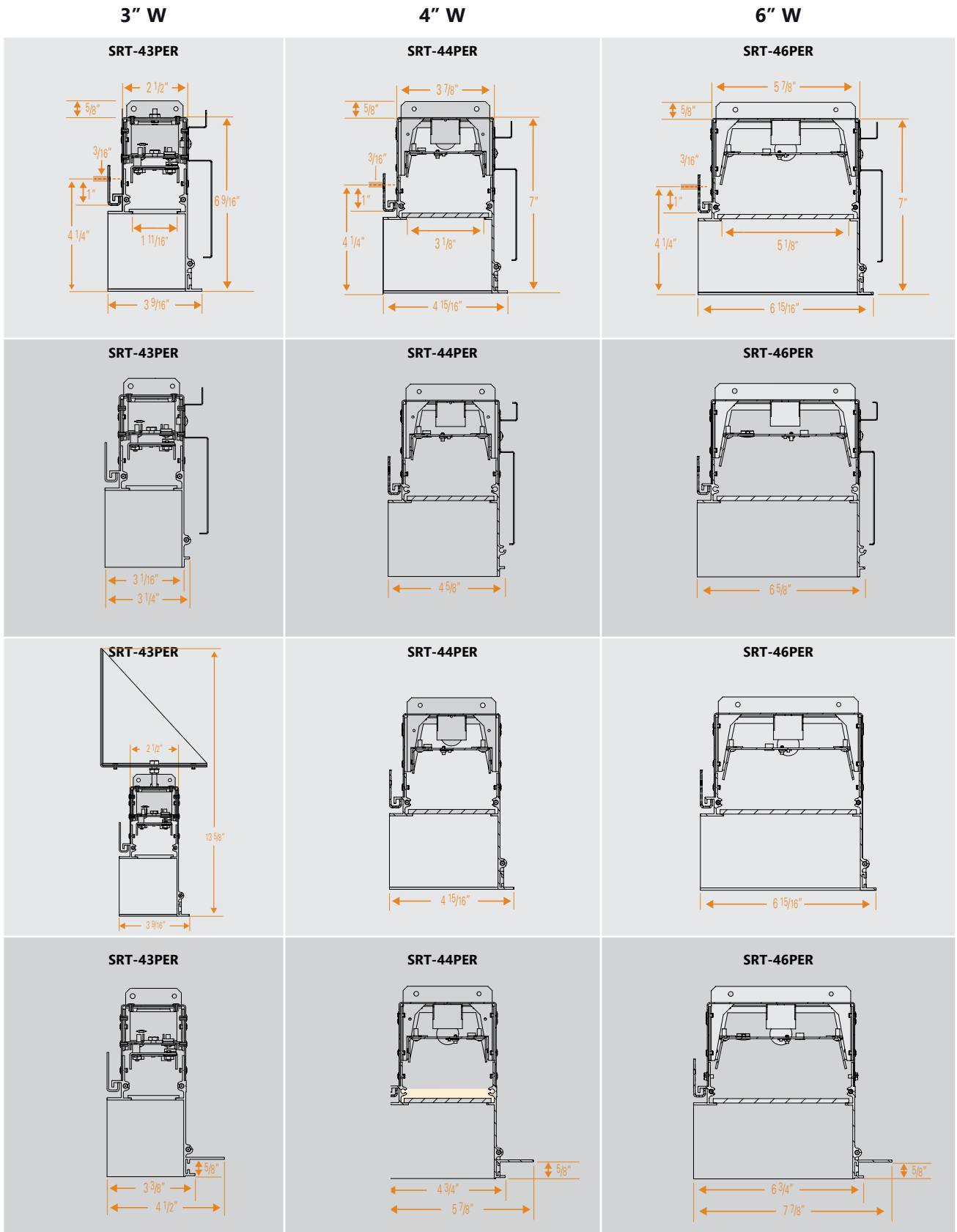| Ordering Code	Description
D10V	0-10V Dimming, 1% power class
DLA2	Lutron Hi-lume 1% 2-1ire LED driver (120V forward phase only)
DLA3	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On, Fade-to-Black
DLA5	Lutron Hi-lume 1% EcoSystem LED driver
DLEH5	Lutron Hi-lume 1% H EcoSystem LED driver with soft-On,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

2. OPTIONAL ACCESSORIES
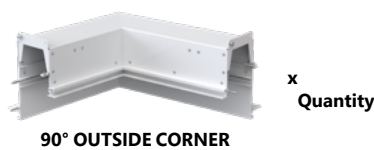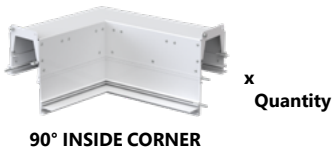
90° INSIDE CORNER   x **Quantity**

90° OUTSIDE CORNER   x **Quantity**

Drawings

|	3" W	4" W	6" W
FG 9/16" Grid / **TG** 15/16" Grid	SRT-43PER	SRT-44PER	SRT-46PER
BG (Bolt Slot Grid)	SRT-43PER	SRT-44PER	SRT-46PER
F (1/2" Overlap Flange)	SRT-43PER	SRT-44PER	SRT-46PER
FF (Flange-Free)	SRT-43PER	SRT-44PER	SRT-46PER

Current

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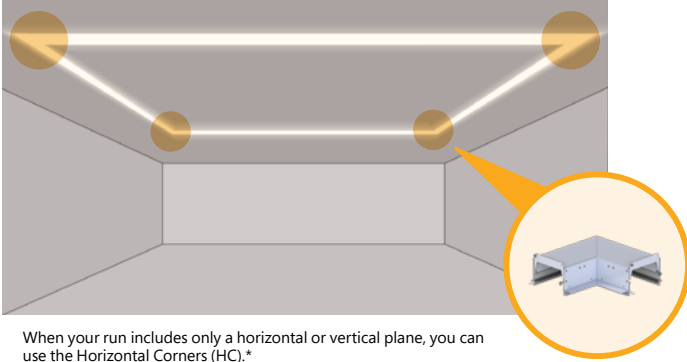
When your run includes only a horizontal or vertical plane, you can use the Horizontal Corners (HC).*

Multi-plane Transition Corners
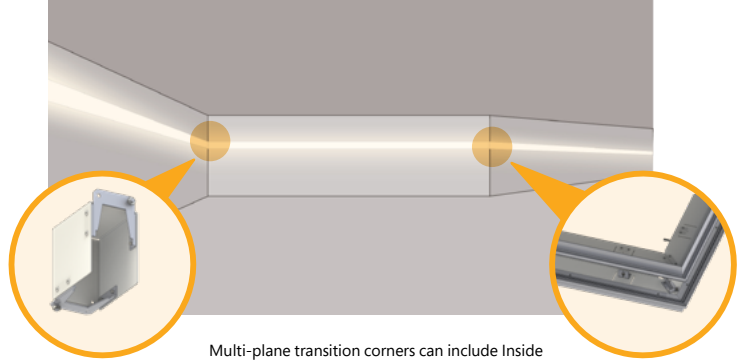
Inside

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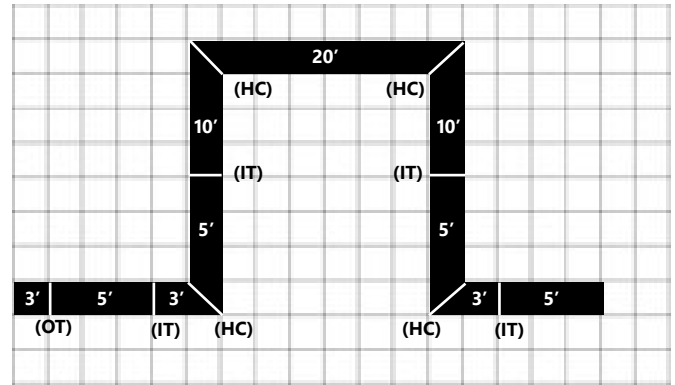
Outside

Wall-to-Ceiling Transitions Corners
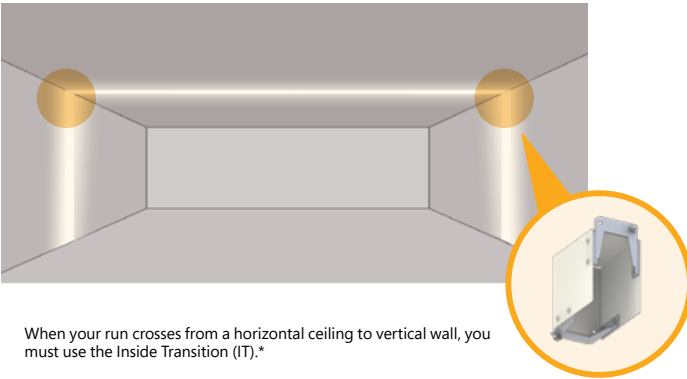
When your run crosses from a horizontal ceiling to vertical wall, you must use the Inside Transition (IT).*
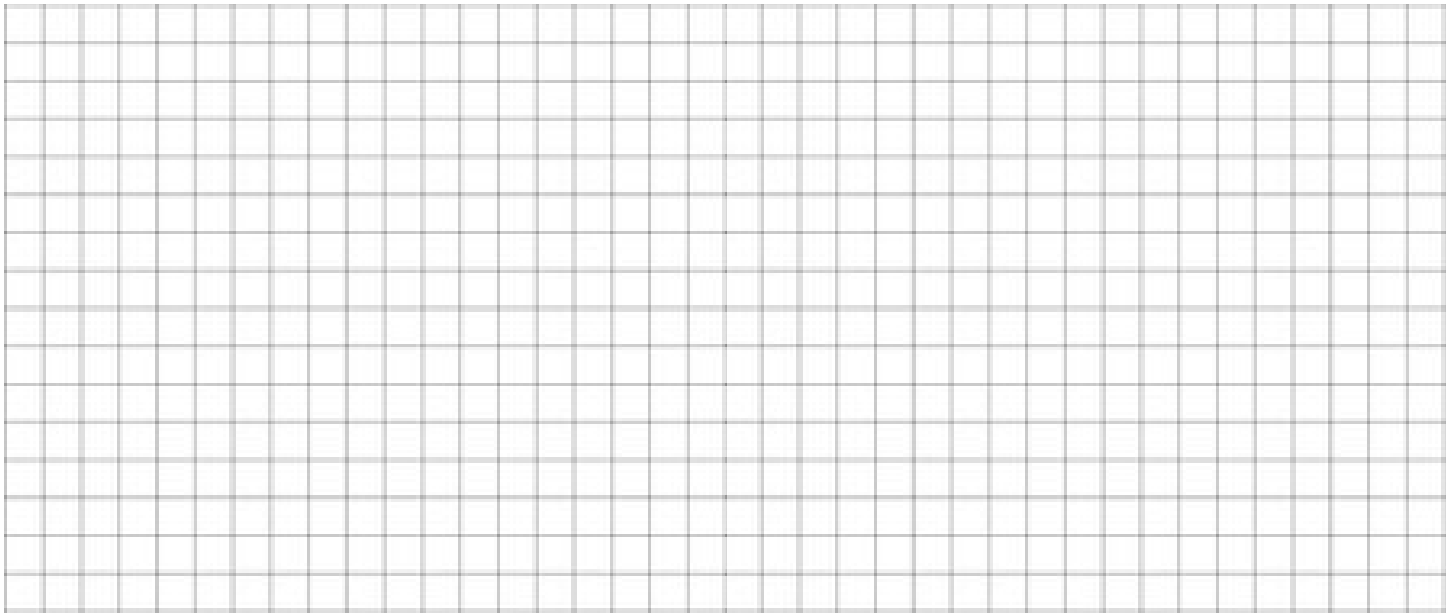
Example Pattern

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:

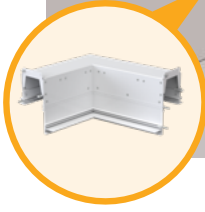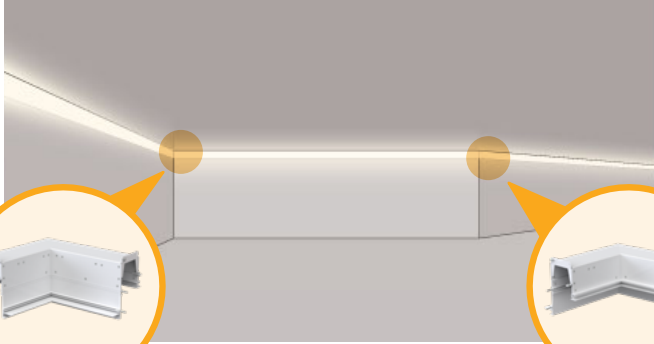OT =   HC =   IT =   Linear Run =

* 90 degree standard

PATTERN WORKSHEET

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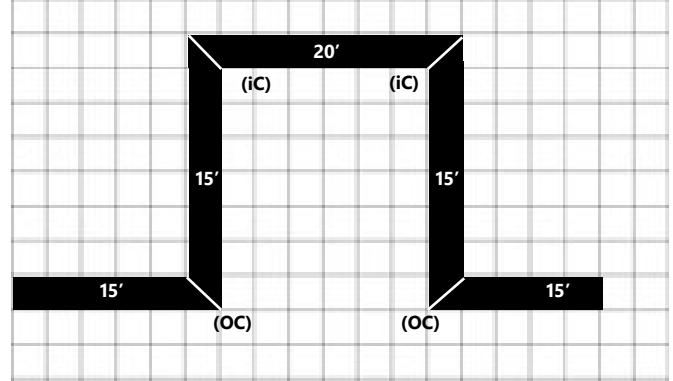
Perimeter Corners

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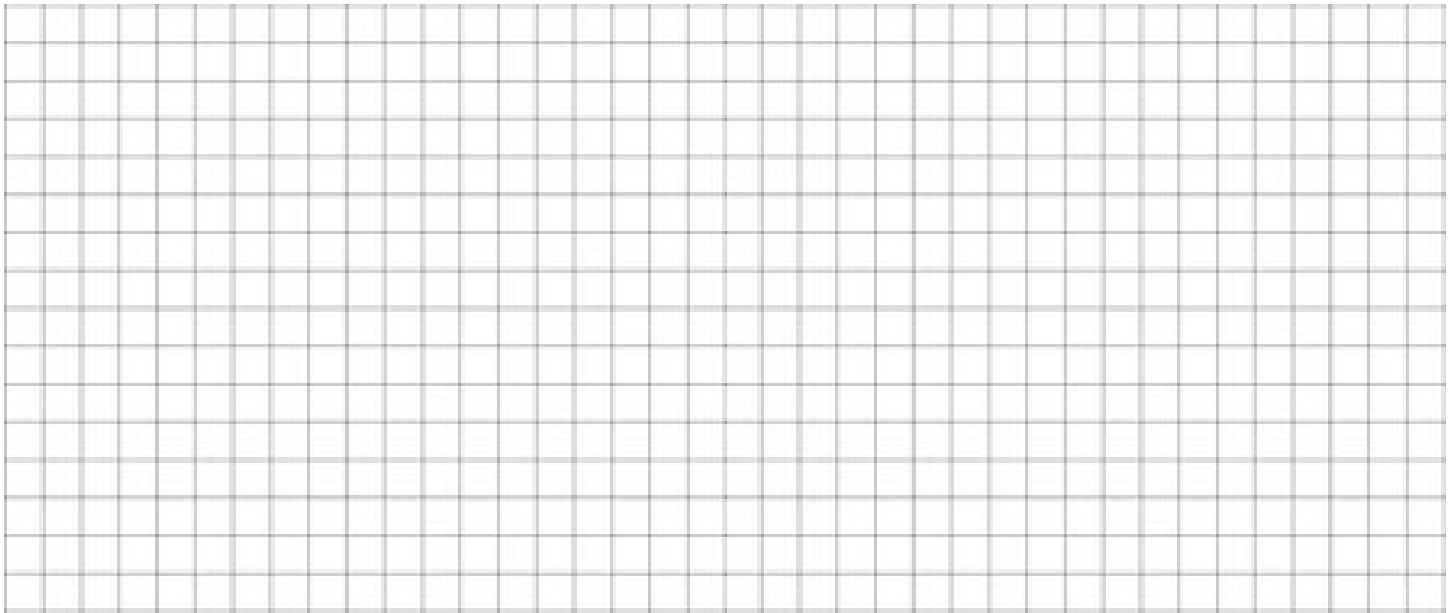
Inside

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:
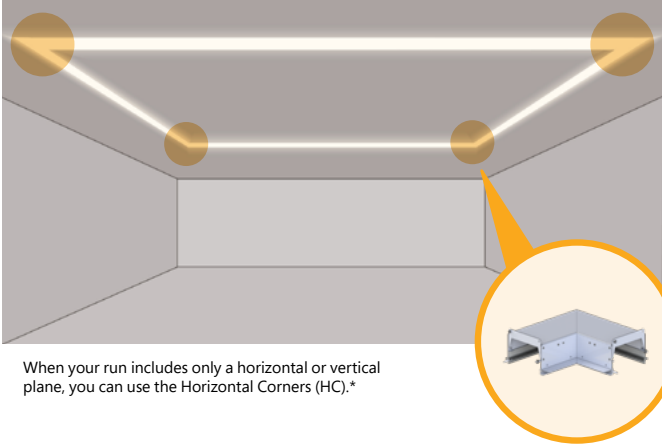

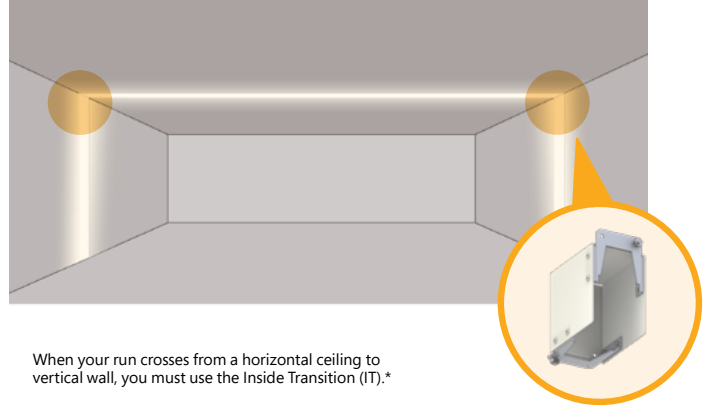OT =   HC =   IT =   Linear Run =   * 90 degree standard

FOR_ForecastPer_spec_IND731_R02

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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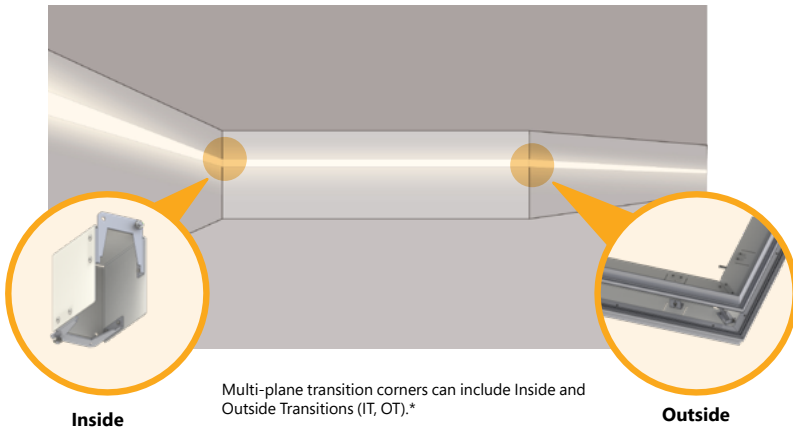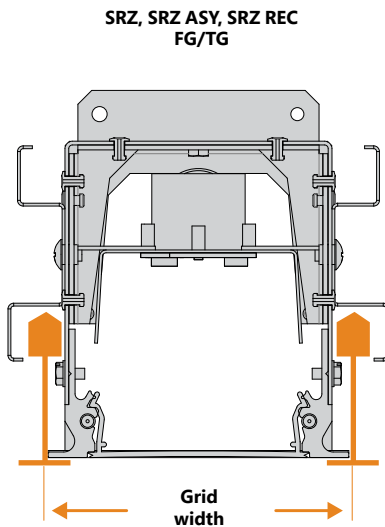
CEILING GRID

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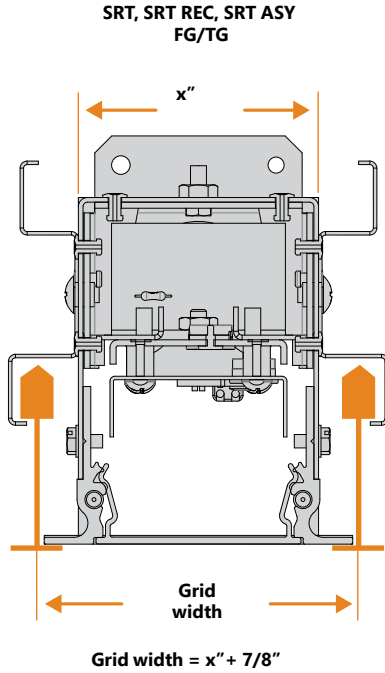
**SRT, SRT REC, SRT ASY
FG/TG**

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"

FOR_ForecastPer_spec_IND731_R02
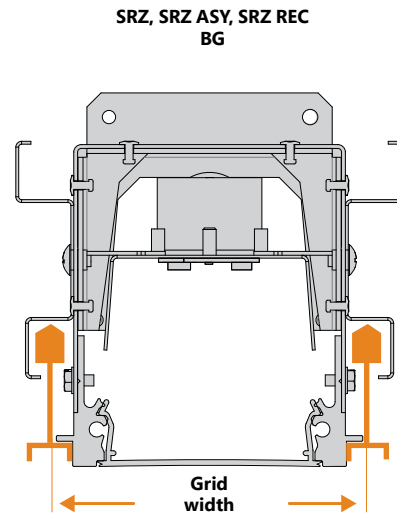
ENVIRONMENT INTERFACE SPECS

Each Forecast (SRT) series fixture is designed for a specific mounting application. Lamping, wiring, and continuous run assembly is universal across the family of fixture profiles. For more information, please consult complete Installation Instructions, available online.
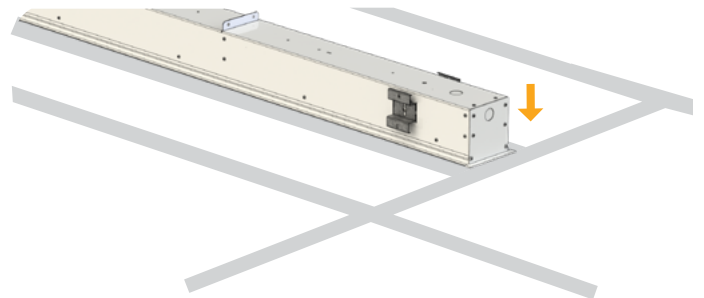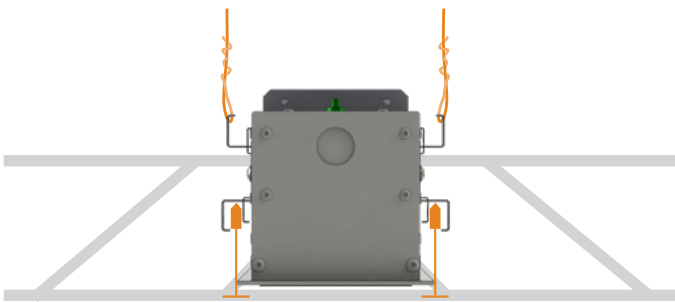
FF (Flange-free) installation
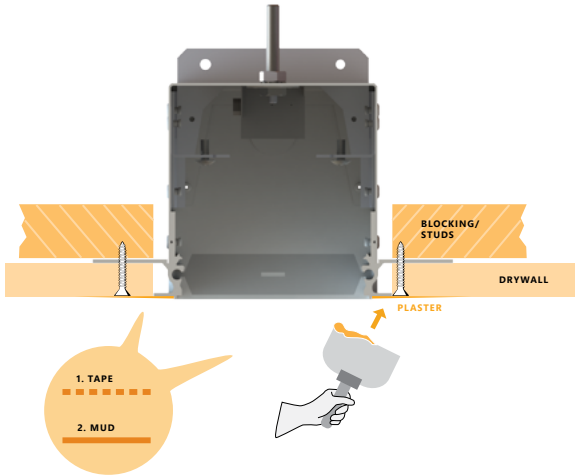
The FF (Flange-Free) fixture is installed prior to drywall installation.

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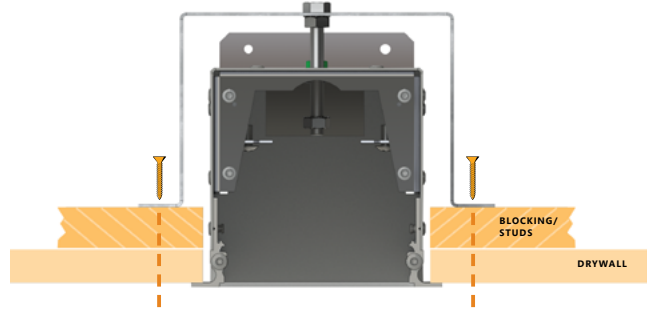
The F (1/2" Overlap) fixture is installed after drywall installation.

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
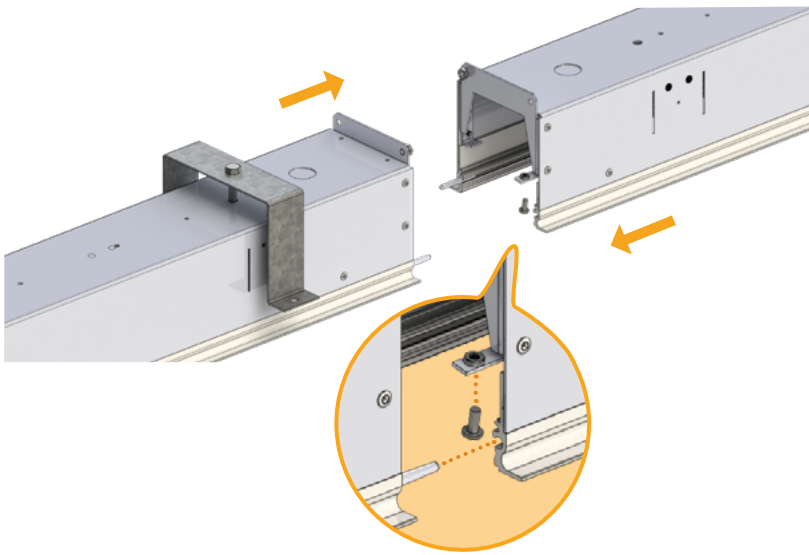
Joining Hardware

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

Joining Hardware
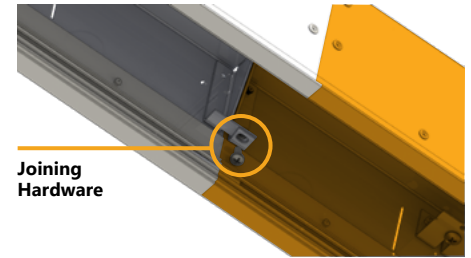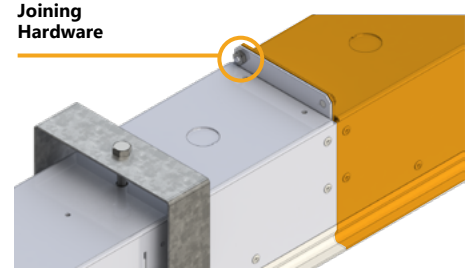
Supplied hardware draws the pieces together tightly.

LENS DETAIL

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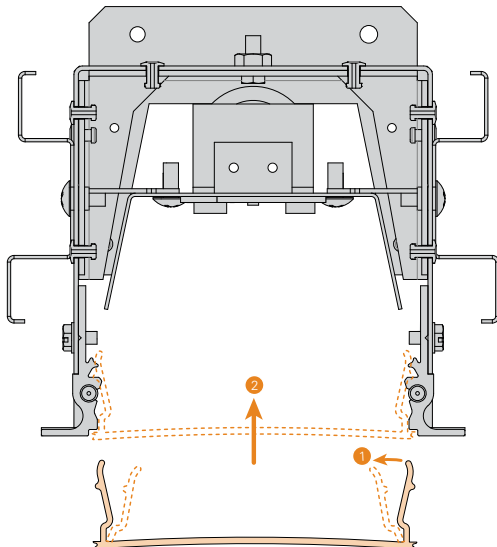
For Snap-in Lenses, gently squeeze the sides (1) while lifting into place (2). Lens will snap into position.

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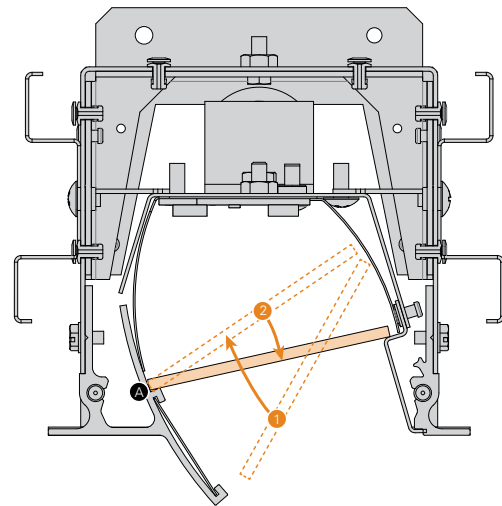
For Lift-and-Shift Lenses (used on Regressed, Perimeter, and Asymmetrical fixtures), lift lens into housing (1) ,rest on point A, then lower into place (2).

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Customer Name		Date	
Project Name			
Catalog Number			

Photometrics

Logic/Config
Forcast 3 Perimeter

2652 Lumens
SRT-43PER-TG-65LED40-SAT X 4'-WH

Maximum Candela = 946.13   Located At Horizontal Angle = 45, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (45 - 225)
3 - Vertical Plane Through Horizontal Angles (90 - 270)

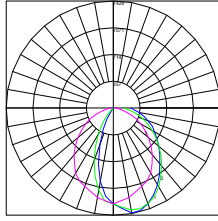| ZONE	LUMENS	% OF FIXTURE
0-20	440.72	16.60
0-30	870.77	32.80
0-40	1318.13	49.70
0-60	2083.37	78.60
0-80	2545.69	96.00
0-90	2651.58	100.00

ZONE	LUMENS	% OF FIXTURE
10-90	2532.24	95.50
20-40	877.41	33.10
20-50	1290.01	48.70
40-70	1040.66	39.20
60-80	462.31	17.40
70-80	186.90	7.00
80-90	105.89	4.00
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	2651.58	100.00

Logic/Config
Forcast 4 Perimeter

2676 Lumens
SRT-44-TG-95LED40-WOL X 4'-WH

Maximum Candela = 1353.04   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	377.72	14.10
0-30	782.78	29.30
0-40	1242.78	46.40
0-60	2071.00	77.40
0-80	2569.18	96.00
0-90	2675.94	100.00

ZONE	LUMENS	% OF FIXTURE
10-90	2576.37	96.30
20-40	865.06	32.30
20-50	1312.14	49.00
40-70	1125.99	42.10
60-80	498.18	18.60
70-80	200.40	7.50
80-90	106.77	4.00
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	2675.94	100.00

Logic/Config
Forcast 6 Perimeter

2636 Lumens
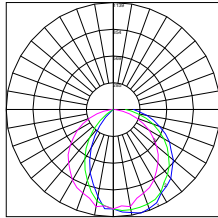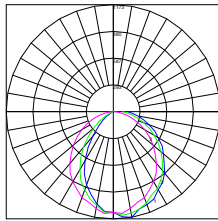SRT-46PER-TG-65LED40-SAT X 4'-WH

Maximum Candela = 1041.21   Located At Horizontal Angle = 0, Vertical Angle = 5
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	398.06	15.10
0-30	823.33	31.20
0-40	1301.08	49.40
0-60	2121.9	80.50
0-80	2552.48	96.80
0-90	2635.72	100.00

ZONE	LUMENS	% OF FIXTURE
10-90	2530.54	96.00
20-40	903.02	34.30
20-50	1353.03	51.30
40-70	1086.3	41.20
60-80	430.58	16.30
70-80	165.10	6.30
80-90	83.24	3.20
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	2635.72	100.00

FOR_ForecastPer_spec_IND731_R02

Customer Name		Date	
Project Name			
Catalog Number			

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 109 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	-30-25ºC (-22-77ºF)
3/4/6in w/Battery	0-25ºC (32-77ºF)

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

TriGain®
technology

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

Current

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