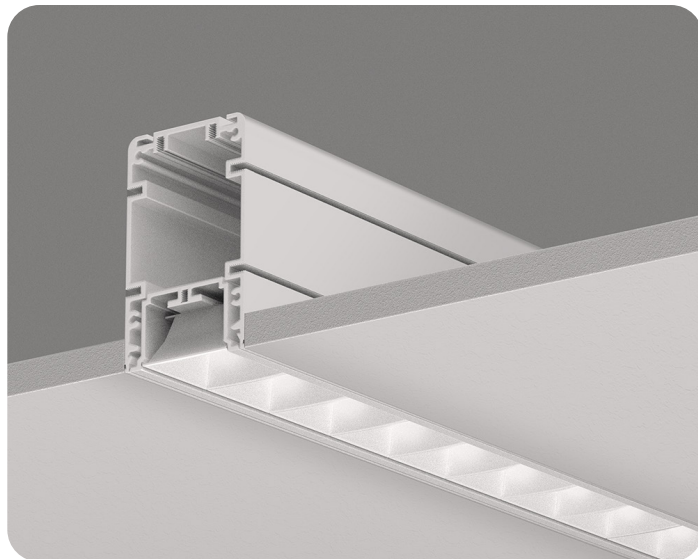


Sculptura Recessed

Key Features

- Extruded aluminum single piece housing
- Snap-in lens and reflector for easy install
- Continuous lensing standard – runs up to 100'
- 2', 4', 6' and 8' individual units or continuous rows
- Soft diffuse direct lighting
- 0-10V dimming to 1% is standard
- Efficacy up to 116 lm/W
- Consult factory for TM21, TM30, LM79 and LM80



Specifications

Construction

- Continuous extruded 6063 T5 aluminum

Dimensions

- Nominal dimensions: 2.1" x 3.5"
- Nominal thickness: 0.075"

Finish

- Powder coated
- Colors: White or Black
- Custom colors available. Consult factory for more information.

Luminaire Length

- Standard individual lengths: 2', 4', 6' or 8'
- Fixture and run lengths are available in 1/16" increments.
- Using internal joiners, sections can be joined to form longer, continuous rows.
- Field Fit available for wall-to-wall applications.

Source

- CCT options: 2700K, 3000K, 3500K, 4000K, or 5000K
- Within 3 MacAdam ellipses, 90 CRI (R9 50 min) available, and L70 > 50,000 hours.

Lensing

- 0.060" thick impact resistant acrylic lens
- Snap-in lens and reflector for easy install

Operating Temperature

- -40°C to 45°C (-40°F to 113°F)

Lithium Ion Battery

- Provides up to 780 lm (6W) or up to 1200 lm (10W) for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

Dimming (Integral) Driver

- eldoLED OPTOTRONIC (OTi) series is UL Class 2 with tunable output currents.
- Output current: 0-10V, dim to 1%
- Overcurrent protection: 2.5KV ring/wave
- Power factor: <0.93
- THD: <20%
- Max load: 87% efficiency

Generator Transfer Device

- Luminaires with GTD option provides a UL924 shunt relay to bypass normal power, switches, and 0-10V dimming.

Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- DLC listed
- RoHS (Restriction of Hazardous Substances)
- IC rated
- Chicago Plenum available
- JA8 compliant
- Suitable for dry and damp locations

Packaging

- Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

Warranty

- 5-year limited warranty.

Ordering Logic

RSCULPT-20-500-SD-35K-80-PW-TBX-U-1C-1EMB10

Series	Length	Direct Output ¹	Direct Distribution	CCT	CRI
RSCULPT					
	XX - Run Length	250 - 250 LPF	50° Reflector	27K - 2700K	80 - 80 CRI
		500 - 500 LPF	B50 - Black Reflector	30K - 3000K	90 - 90 CRI (R9 50 min)
		750 - 750 LPF	W50 - White Reflector	35K - 3500K	
		1000 - 1000 LPF	S50 - Silver Reflector	40K - 4000K	
	XXX - Custom LPF		80° Reflector	50K - 5000K	
			B80 - Black Reflector	TW - Tunable White ³ (2700K-6500K)	
			W80 - White Reflector		
			S80 - Silver Reflector		

Finish ⁴	Mounting		Voltage	Circuiting	Emergency
Standard Powder Coat	T-Grid	Cosmetic Bezel⁵	U - 120-277V	1C - Single Circuit	BLANK - None
PW - White	TBX - 9/16" Grid 15/16" Grid 9/16" Screw Slotted Grid	CB - Screw/Rod Mount	C - 347V	MC - Multiple Circuits ^{6,7}	EC - Emergency Circuit ¹⁰
PB - Black		CBY - Yoke Mount		DL - Daylight Control ^{6,8}	#EMB6 - 6W EM Battery ^{11,12}
Premium	TEG9 - 9/16" Grid (Tegular Tile)	Spackle Flange		NL - Night Lights ^{6,9}	#EMB10 - 10W EM Battery ^{11,12}
RALXXXX - Powder Coat Gloss Finish	TEG15 - 15/16" Grid (Tegular Tile)	SF - Screw/Rod Mount			#FCEMB10 - 10W EM Battery ^{11,13}
Custom Powder Coat	PT - Prelude T-Grid (Tegular Tile)	SFY - Yoke Mount			#FCEMB14 - 14W EM Battery ^{11,13}
PO - Powder Other	TBO - T-Bar Other (Specify T-Bar Type)				#GTD - Generator Transfer Device w/ ALCR ¹⁴

Options

Specialty Drivers¹⁵

DT1 - eldoLED EcoDrive Dim to 1% (0-10V)

DTZ - eldoLED SoloDrive Dim to 0.1% (0-10V)

PSRD - Philips Sensor Ready (DALI) Driver

LDE1 - Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on,
Fade-to-Black

TW-A - Tunable White, 0-10V¹⁶

TW-EL - eldoLED DUALdrive Tunable White (DALI)¹⁶

LD2 - Lutron DALI 2 Digital Tunable White Driver w/ 1%
Dimming¹⁷

Ordering Notes

- 200 LPF min. output / 1500 LPF max. output.
- Seamless continuous lens unavailable for Drop Lens options.
- Tunable White Driver must be specified in options.
- See page 3 for standard options.
- Bezel color will match fixture color unless otherwise specified, consult factory for options.
- Customer to specify number of zones and locations through factory submittal drawings.
- Multiple low and line control zones.
- Multiple low voltage control zones for daylight control.
- Multiple unswitched wires for night light control zones.
- Separate power, transfer devices provided by others.
- '#' indicates number per run.
- Provided by Iota/Bodine.
- EM battery is factory choice.

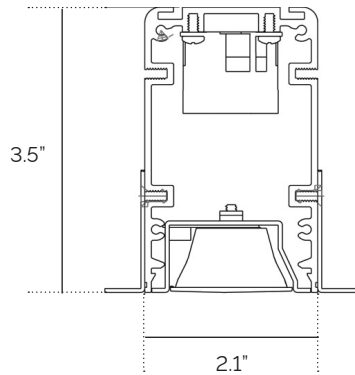
14. Iota EDS-DR Emergency Control Device

15. Standard driver is 0-10V, dim to 1% output current.

16. 75 Watt Max. Dual driver required for higher fixture wattage.

17. 50 Watt Max. Dual driver required for higher fixture wattage.

Dimensions



Finishes

Standard



PW: White



PB: Black

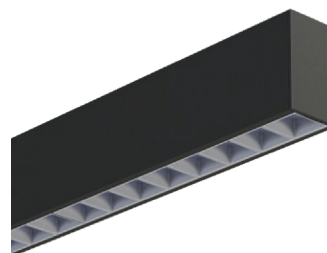
Diffusing



Black
50° or 80°

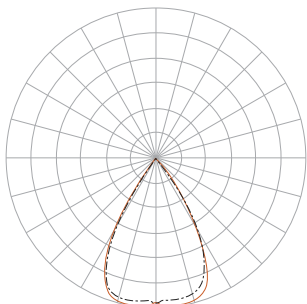


White
50° or 80°

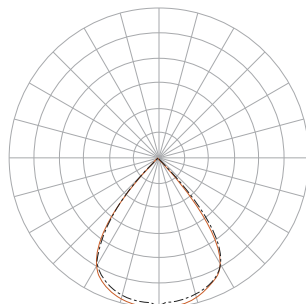


Silver
50° or 80°

Distribution



Direct: 50° Reflector

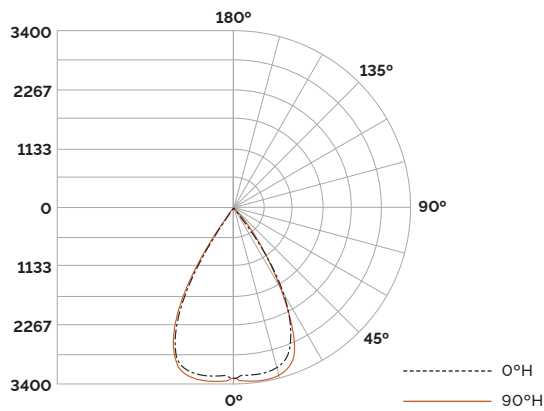


Direct: 80° Reflector



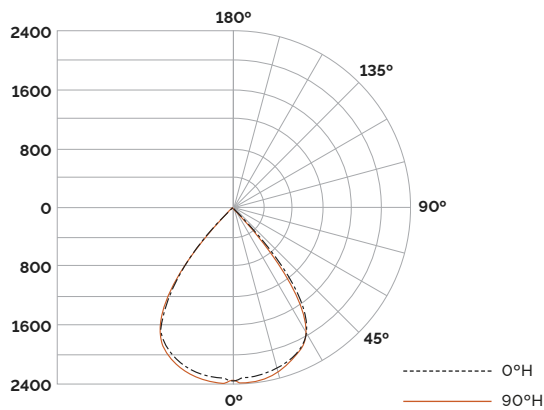
Performance

RSCULPT-X-750-B50-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	3000	27	110
	8'	6000	51	117
3500K	4'	3000	27	113
	8'	6000	50	120
4000K	4'	3000	26	116
	8'	6000	49	123
5000K	4'	3000	25	120
	8'	6000	47	127

RSCULPT-X-750-B80-35K (80+ CRI)



CCT	Length	Lumens	Wattage	LPW
3000K	4'	3000	27	113
	8'	6000	50	120
3500K	4'	3000	26	116
	8'	6000	49	123
4000K	4'	3000	25	119
	8'	6000	48	126
5000K	4'	3000	24	123
	8'	6000	46	130

Row Configurations

XX (Run Length)

The standard construction of run lengths follows the logic of the table below. Consult factory for additional information. Run lengths always start with the longest fixture and receives the power feed.

NOTE: Fixtures in continuous runs are available in 6" increments. Consult factory for smaller increments.

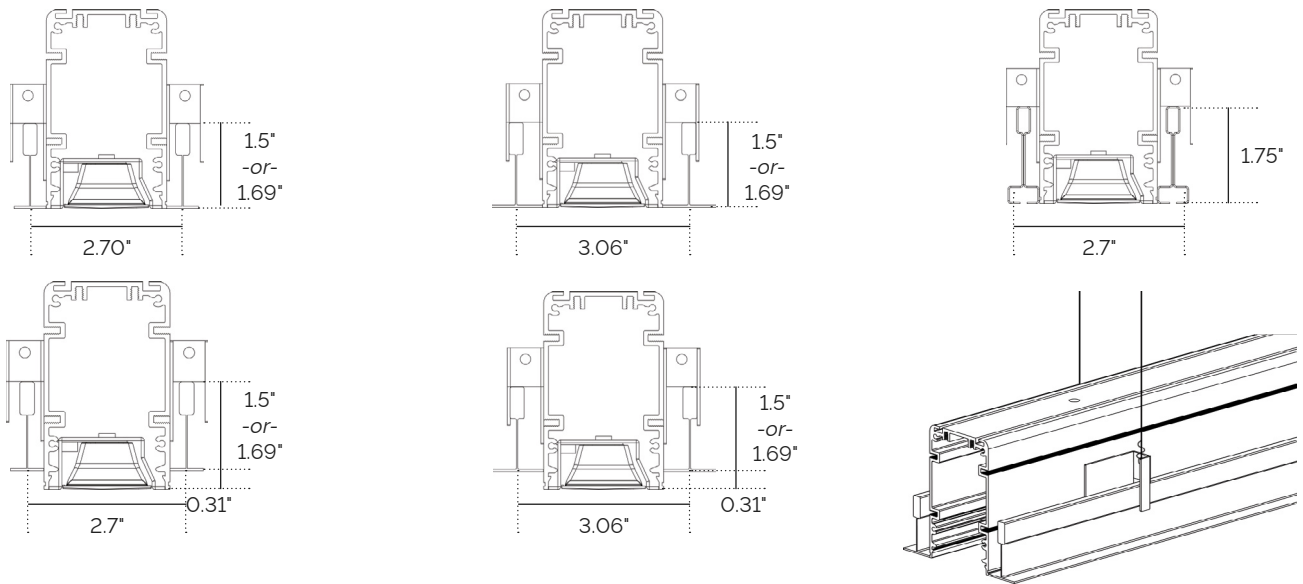
Total Length (Feet)	# of Sections						
	2	3	4	5	6	7	8
2	1						
3		1					
4			1				
5				1			
6					1		
7						1	
8							1
9			1	1			
10			1		1		
11		1					1
12			1				1
13				1			1
14					1		1
15						1	1
16							2
17			1	1			1
18			1		1		1
19		1					2
20			1				2
21				1			2
22					1		2
23						1	2
24							3
25			1	1			2
26			1		1		2
27		1					3
28			1				3
29				1			3
30					1		3
31						1	3
32							4
33			1	1			3
34			1		1		3
35		1					4
36			1				4
37				1			4
38					1		4
39						1	4
40							5

Mounting

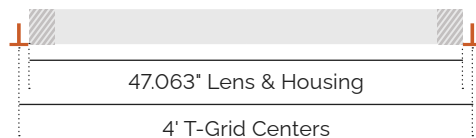
T-Bar / T-Grid / TBX

The lengths of individual fixtures and run lengths specified in the ordering logic is the distance between the centers of the T-Grids (See Page 2). The actual length of the fixtures and the lens will be shorter from that specified length. In a run, the last fixture compensates for the T-Grid.

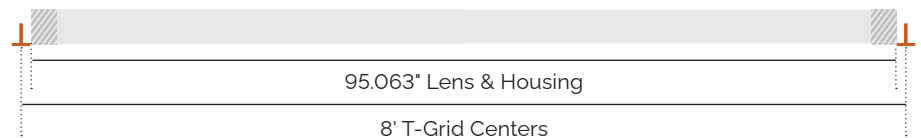
NOTE: The mounting option will affect total run length. If a different configuration is needed to meet an aesthetic requirement, please indicate this on your P.O. when placing your order.



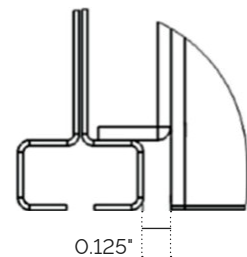
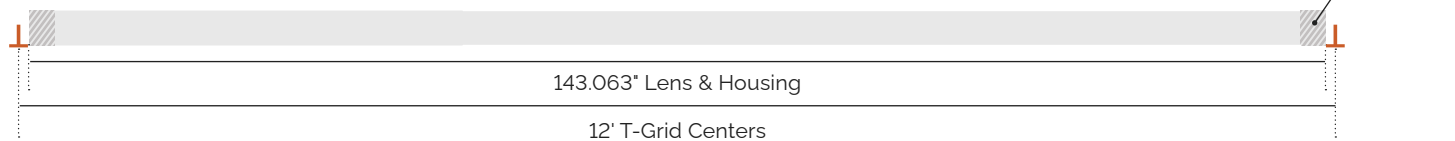
4' Fixture



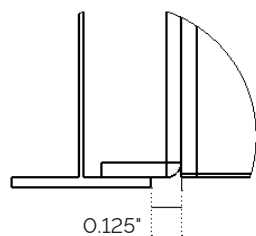
8' Fixture



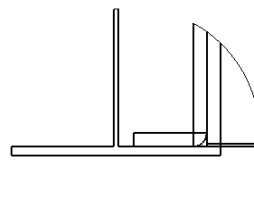
12' Fixture



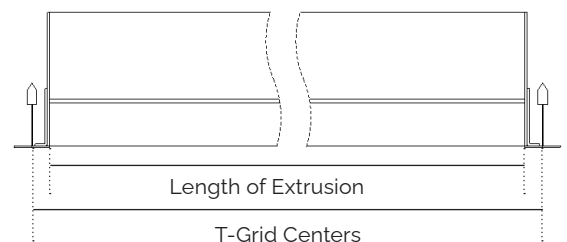
9/16" Screw Slot
Detailed View



9/16" T-Bar
Detailed View



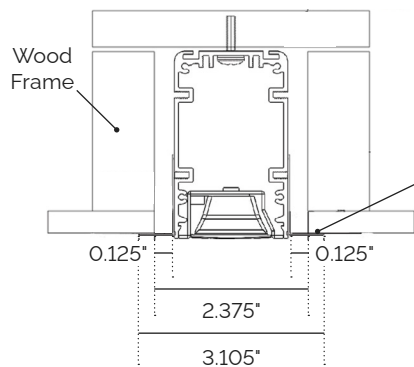
15/16" T-Bar
Detailed View



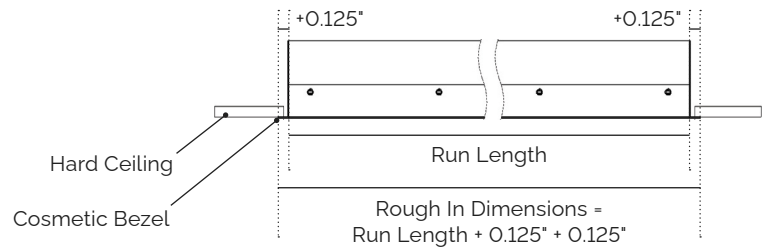
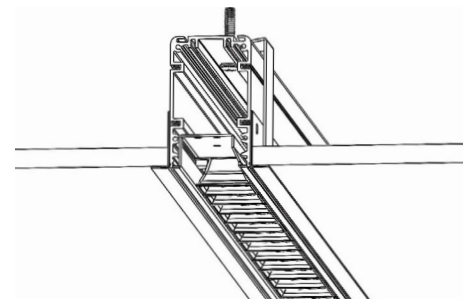
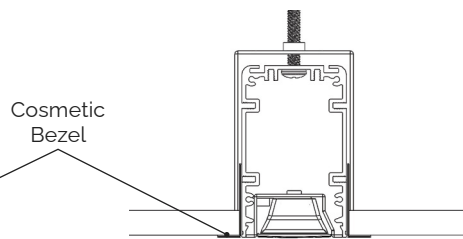
Mounting

Cosmetic Bezel

CB (Screw / Rod Mount)

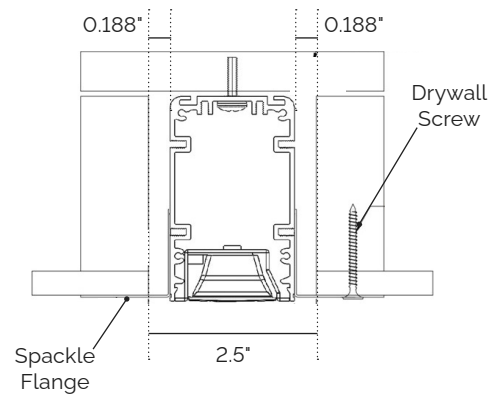


CBY (Yoke Mount)

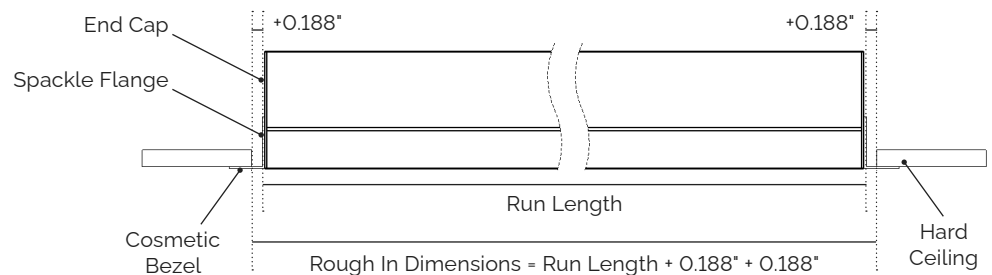
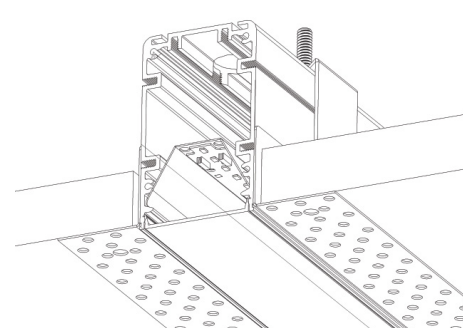
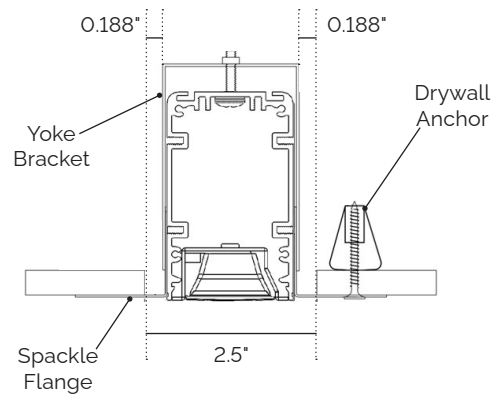


Spackle Flange

SF (Screw / Rod Mount)



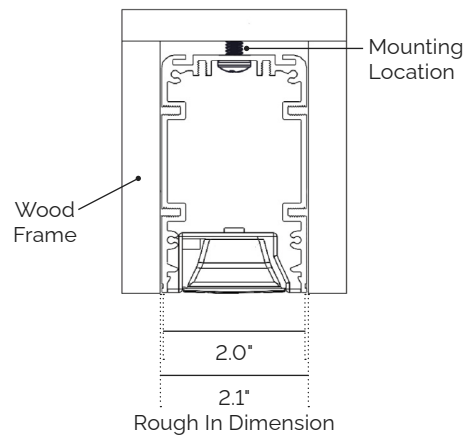
SFY (Yoke Mount)



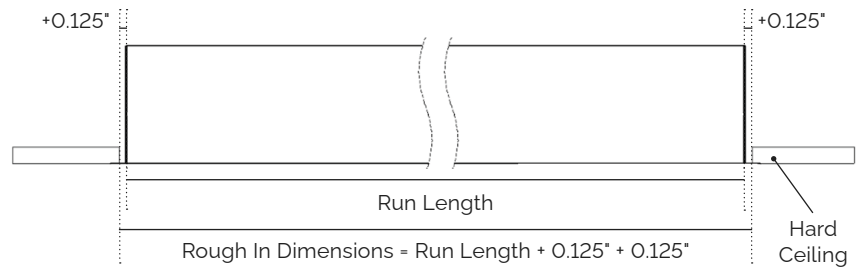
Mounting

Trimless

TR (Screw / Rod Mount)



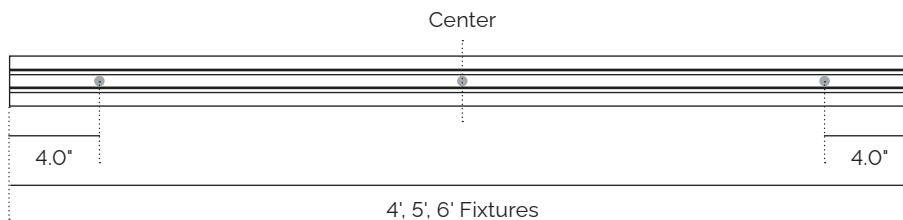
NOTE: Hole size at mounting location is Ø 0.266" for 0.25" rod or screw (provided by others).



Mounting Locations

Spackle Flange (SF), Cosmetic Bezel (BZ), Trimless (TR)

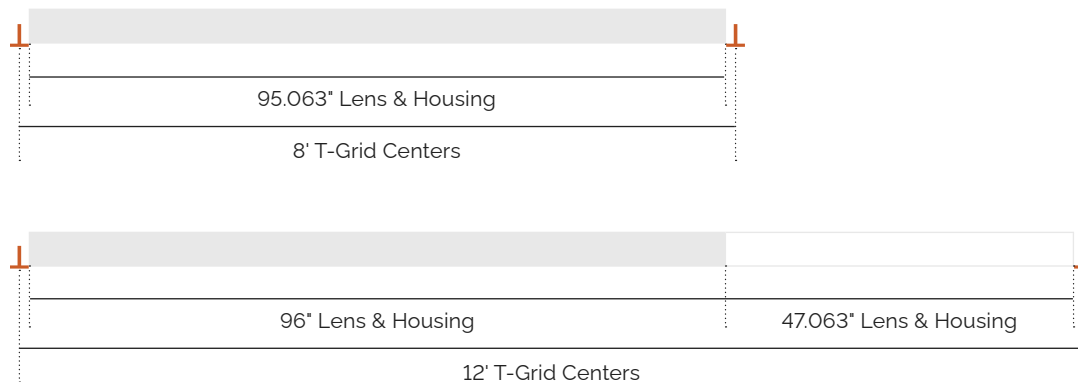
Mounting locations (●) will vary depending on fixture length. See below for individual fixtures and runs view, showing the top of fixtures.



Individual & Continuous Run (T-Grid)

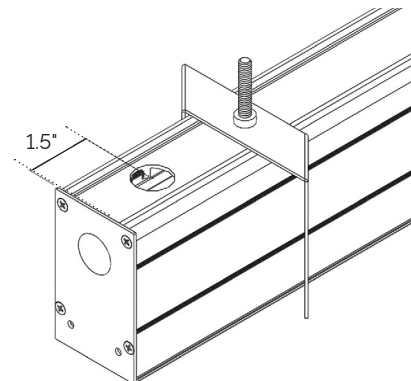
The lengths of individual fixtures and run lengths specified in the ordering logic is the distance between the centers of the T-Grids (See Page 2). The actual length of the fixtures and the lens will be shorter from that specified length. In a run, the last fixture compensates for the T-Grid. If a different configuration is needed to meet an aesthetic requirement, please indicate this on your P.O. when placing your order.

Examples of the standard construction of T-Grid configurations are as follows:



Power Location

The standard power location is out the top on the fixture. If a different configuration is needed to meet an aesthetic or placement requirement, please consult the factory.



Wiring Diagram

Wiring configurations are dependent on the options chosen. Below are a few examples of our standard wiring that is used to power the fixture.

This wiring diagram is showing a standard set of wires for a basic fixture.

Wiring		
High Voltage	Low Voltage	
18 GA		Hot (Black)
H = Hot	+D(V) = +Dimming	Neutral (White)
N = Neutral	-D(G) = -Dimming	Ground (Green)
GND = Ground	2864	+Dimming (Violet)
		-Dimming (Pink)

This wiring diagram is showing a set of wires for a fixture with a emergency battery.

Wiring		
High Voltage	Low Voltage	
18 GA		Switched (Black)
H = Hot	+D(V) = +Dimming	Neutral (White)
N = Neutral	-D(G) = -Dimming	Ground (Green)
U = Unswitched	-	Unswitched (Red)
GND = Ground	-	+Dimming (Violet)
		-Dimming (Pink)