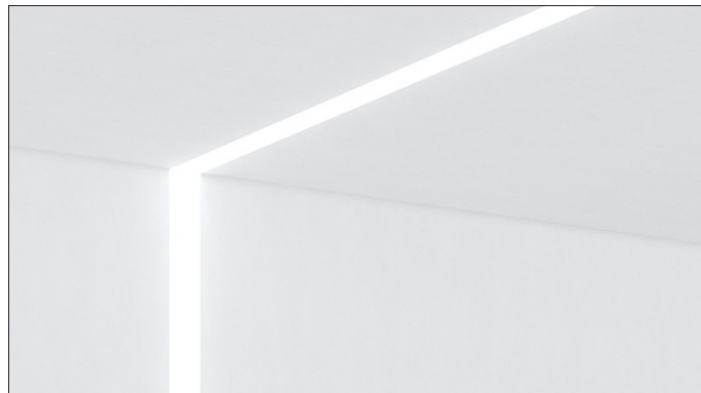




## 3G-2RLI-WC

2" RECESSED LINEAR  
WALL TO CEILING  
TUNABLE WHITE & RGBW



Narrow 2" aperture with one piece extruded aluminum housing  
Seamless wall to ceiling illumination  
Proprietary alignment mechanism  
Suitable for drywall, wood, and grid ceiling applications  
LED system with performance up to 119 lumens per watt  
Extruded acrylic lens available in flush, 1" and 2" drop lens options  
1% dimming standard with several driver options

**3GT** **3GB**

### ORDERING INFORMATION

<b>PROJECT:</b>		<b>TYPE:</b>	
<b>CATALOG #:</b>		<b>DATE:</b>	

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	VOLTAGE
3G-2RLI-WC	<b>TW</b> - TUNABLE WHITE (2700K-6500K) <b>RGBW</b> - INFINITE COLOUR <sup>1</sup> (3500K WHITE)	<b>L250</b> - LOW OUTPUT (250 LM/FT) <sup>2</sup> <b>L500</b> - MEDIUM OUTPUT (500 LM/FT) <b>L750</b> - HIGH OUTPUT (750 LM/FT) <b>L1000</b> - VERY HIGH OUTPUT (1000 LM/FT) <sup>3</sup> <b>LC___</b> - CUSTOM OUTPUT (SPECIFY LM/FT)*  *Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed LC1000 Lumen outputs suitable for white LED source only	<b>S80</b> - 83+ CRI <b>H90</b> - 93+ CRI <sup>1</sup>	<b>UNV</b> - 120/277V

DRIVER	FLANGE TYPE (WALL)	FLANGE TYPE (CEILING)	LENS OPTION
<b>DO1</b> - 0-10V (100-0.1%) <b>DALI</b> - DALI (eidoLED, 100-1%) <b>DMX</b> - DMX (eidoLED, 100-0%) <sup>1</sup> <b>DHLT</b> - LUTRON T SERIES (100-1%) (2 CHANNEL TUNABLE WHITE)	<b>WXTR</b> - TRIMLESS (MUD-IN DRYWALL) <b>WFX</b> - FLANGELESS	<b>CXTR</b> - TRIMLESS (MUD-IN DRYWALL) <b>CFX</b> - FLANGELESS <b>GCX</b> - GRID CEILING (UNIVERSAL MOUNT)*  *Universal mounting brackets used for all grid ceiling types only. See mounting section for details	<b>FL</b> - FLUSH <b>DD1</b> - 1" DROP LENS <sup>4</sup> <b>DD2</b> - 2" DROP LENS <sup>4</sup>

OPTIONS	LENGTH (FEET)
<b>EMC</b> - EMERGENCY CIRCUIT <sup>5</sup> <b>CP</b> - CHICAGO PLENUM	<b>W</b> ___' x <b>C</b> ___' (WALL TO CEILING)* <b>W</b> ___' x <b>C</b> ___' x <b>W</b> ___' (WALL TO CEILING TO WALL)  *Available in 1' increments only

- <sup>1</sup> RGBW LED source available with S80 (83 +CRI) and DMX driver option only. Not available with asymmetric optic or EM options  
<sup>2</sup> L250 (250LM/FT) not available in 2' and 3' lengths (Please specify LC400 for 2' and 3' fixture length when outputs lower than 500LM/FT are required)  
<sup>3</sup> L1000 (1000LM/FT) not available for H90 (93+ CRI)  
<sup>4</sup> DD1 (1" drop lens) and DD2 (2" drop lens) available with straight run type only  
<sup>5</sup> EMC (emergency circuit) options available for tunable white LED source only. Not available with RGBW

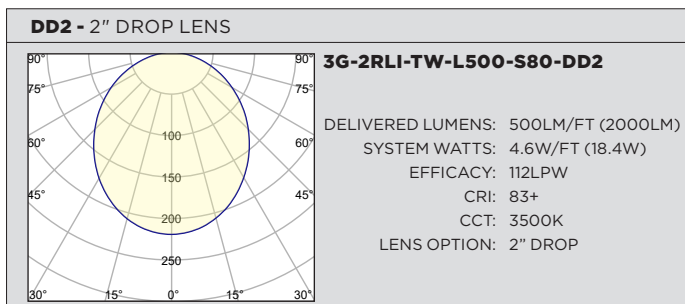
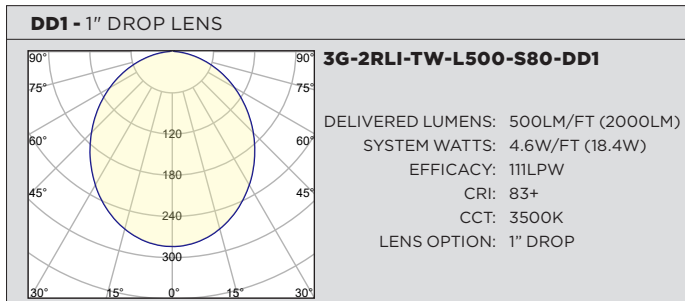
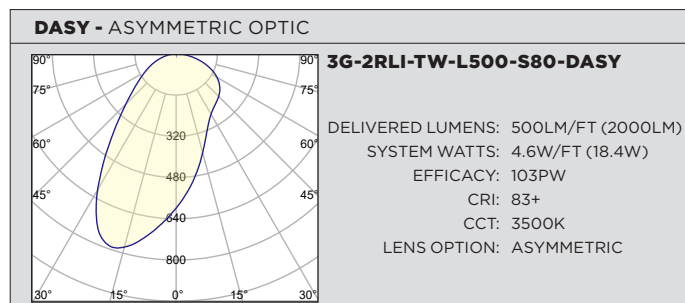
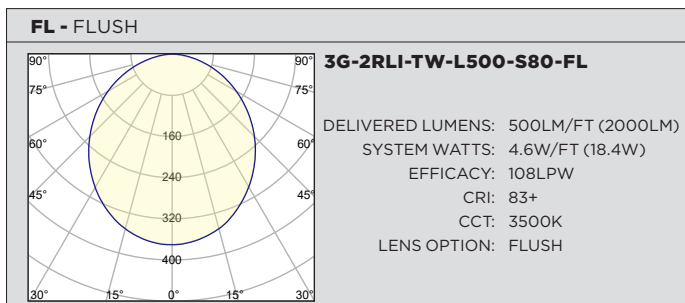
**3GT** - Tunable White  
**3GB** - RGBW

JANUARY 2, 2024

### PERFORMANCE CHART BASED ON 4' LENGTH WITH FLUSH LENS (TUNABLE WHITE AND 83+ CRI)

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
2700K	250	2.3	104
	500	4.6	100
	750	7.0	99
	1000	9.7	98
3500K	250	2.3	111
	500	4.6	108
	750	7.0	105
	1000	9.7	102
6500K	250	2.3	119
	500	4.6	118
	750	7.0	113
	1000	9.7	107
EFFICACY (LPW) ADJUSTMENT FACTOR	CRI	Multiplier	
	93+	0.88	

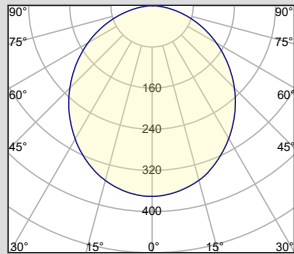
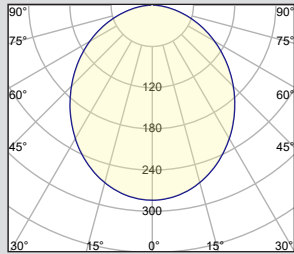
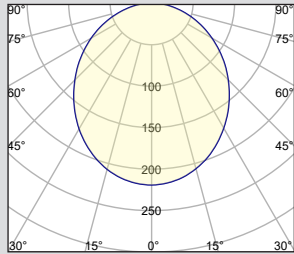
### PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)



### PERFORMANCE CHART BASED ON 4' LENGTH (RGBW WITH 83+ CRI AND 3500K SOURCE)

COLOR TEMP	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
3500K	250	2.1	119
	500	4.3	117
	750	7.0	107
	1000	10.3	98
LUMINOUS INTENSITY PER LED	RGB	INTENSITY Min - Max (mcd)	
	RED	355 - 805	
	GREEN	710 - 1400	
	BLUE	140 - 355	

### PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)

<b>FL - FLUSH</b>	
	<b>3G-2RLI-RGBW-L500-S80-FL</b>  DELIVERED LUMENS: 500LM/FT (2000LM) SYSTEM WATTS: 4.3W/FT (17.2W) EFFICACY: 117LPW CRI: 83+ CCT: 3500K LENS OPTION: 1" DROP
<b>DD1 - 1" DROP LENS</b>	
	<b>3G-2RLI-RGBW-L500-S80-DD1</b>  DELIVERED LUMENS: 500LM/FT (2000LM) SYSTEM WATTS: 4.3W/FT (17.2W) EFFICACY: 121LPW CRI: 83+ CCT: 3500K LENS OPTION: 1" DROP
<b>DD2 - 2" DROP LENS</b>	
	<b>3G-2RLI-RGBW-L500-S80-DD2</b>  DELIVERED LUMENS: 500LM/FT (2000LM) SYSTEM WATTS: 4.3W/FT (17.2W) EFFICACY: 124LPW CRI: 83+ CCT: 3500K LENS OPTION: 2" DROP

**TECHNICAL****HOUSING**

Extruded aluminum housing with narrow 2" aperture  
Individual units and continuous runs available in 1' increments  
Trim flange with matte white powder coated finish and minimal 0.400" overlap  
Trimless model features a satin coat mudding flange for seamless ceiling  
24-gauge LED reflector with high reflectance white powder coated finish  
Standard polyester powder coated matte white finish

**OPTICS**

Extruded, satin acrylic lens designed for optimal performance and glare control. Up to 8' continuous  
Lens options include flush, 1" and 2" drops with illuminated end caps for all drop lenses  
High performance asymmetric optics available

**ELECTRICAL**

Luminaires are pre-wired with factory installed quick connects and branch circuit wiring  
Multiple driver options available for tunable white LED system  
DMX driver option for RGBW system with RDM control and 100-0% dimming range  
All drivers are integral and easily accessible through luminaire aperture

**LED SYSTEM FOR TUNABLE WHITE (TW)**

Proprietary LED system with color consistency <3 SDCM  
2700K-6500K CCT range  
Standard 83+CRI. Optional 93+CRI. (R9 value of 56 for 93+CRI)  
L90 >60,000 hours  
5 Year Warranty

**LED SYSTEM FOR RGBW**

Proprietary LED system with color consistency <3 SDCM  
White LED available in 35K with 83+ CRI  
L80 >72,000 hours  
Red (335-805 mcd)  
Green (710-1400 mcd)  
Blue (140-355 mcd)  
5 Year Warranty

**MOUNTING**

Housing suspended via 1/4" threaded rod or suspension cables  
Trimless fixture designed for use in drywall, mud-in ceiling applications  
Flangeless fixture designed for use in wood ceilings

**LISTING**

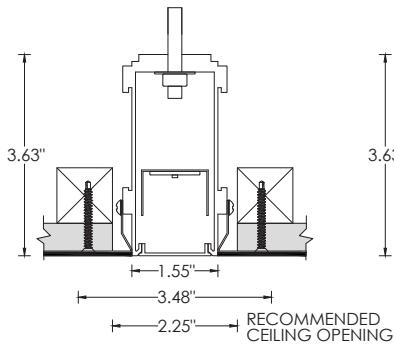
ETL listed and tested to cUL standards. Suitable for dry and damp locations

**WARRANTY**

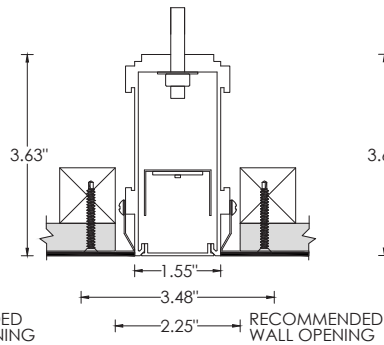
5 Year Warranty on LED and drivers  
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use  
Ambient temperature at fixture should not exceed 25°C

### DRAWINGS AND DIMENSIONS HARD CEILING

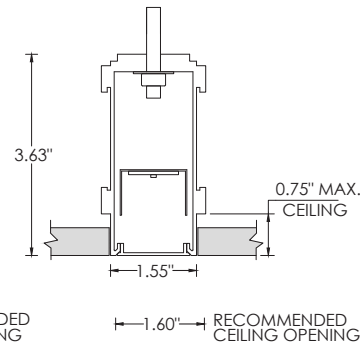
#### CXTR - TRIMLESS CEILING



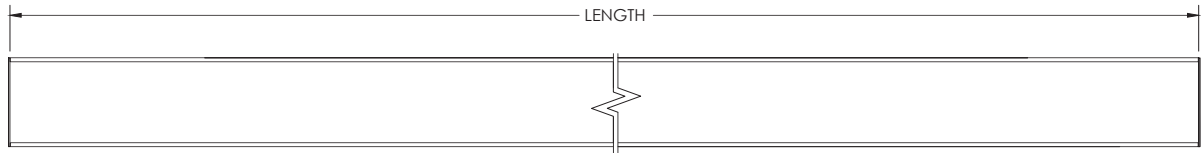
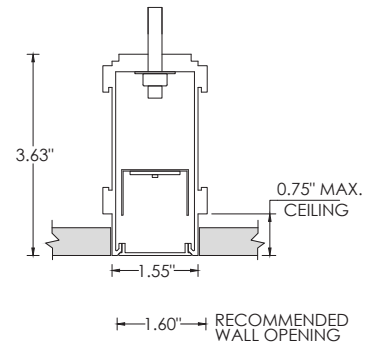
#### WXTR - TRIMLESS WALL



#### CFX - FLANGELESS CEILING

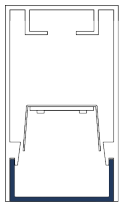


#### WFX - FLANGELESS WALL

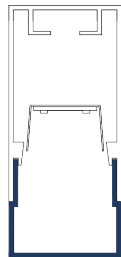


### LENS OPTION

#### FL - FLUSH



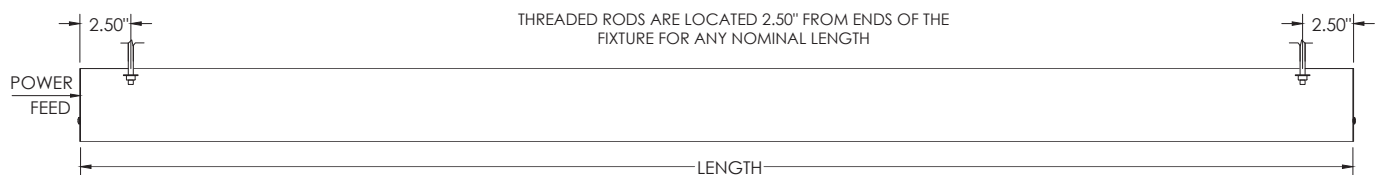
#### DD1 - 1" DROP



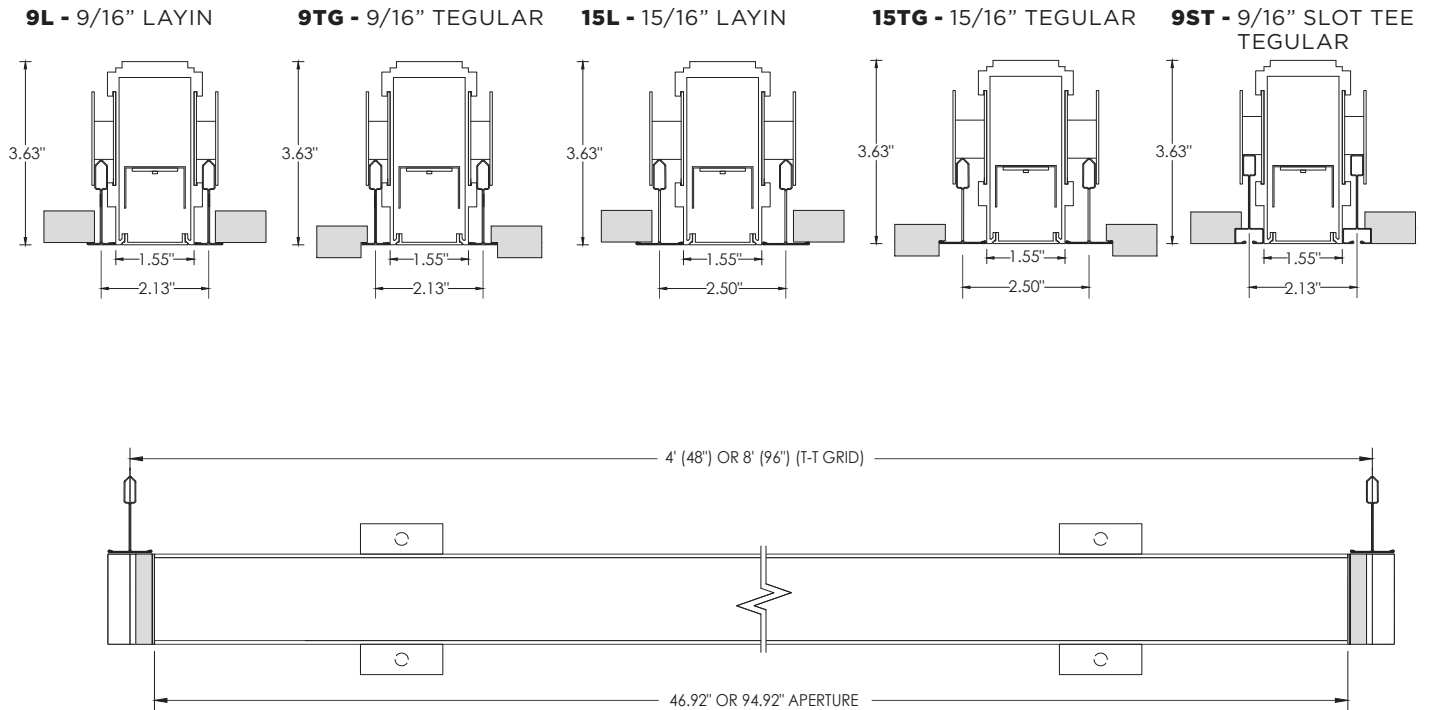
#### DD2 - 2" DROP



### MOUNTING DETAILS HARD CEILING



### DRAWINGS AND DIMENSIONS GRID CEILING



### MOUNTING DETAILS GRID CEILING

