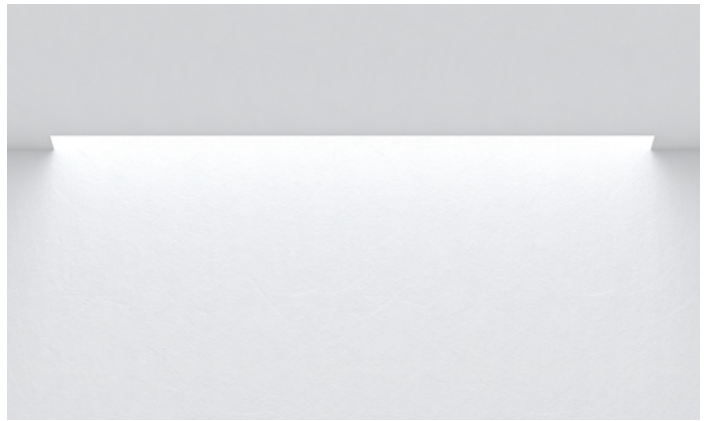




3G-2RPE

2" RECESSED PERIMETER



Narrow 2" aperture with one piece extruded aluminum housing
Designed for continuous runs in 1' increments as standard
12" fully illuminated end filler option is field cuttable for odd lengths
Multiple lumen output options with performance up to 132 lumens per watt
Lens position available in flush, 1", 2", and 3" regressed options
1% dimming standard with several integral driver options

ORDERING INFORMATION

PROJECT:		TYPE:	
CATALOG #:		DATE:	

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	VOLTAGE
3G-2RPE	L250 - LOW OUTPUT (250 LM/FT) ¹ L500 - MEDIUM OUTPUT (500 LM/FT) L750 - HIGH OUTPUT (750 LM/FT) L1000 - VERY HIGH OUTPUT (1000 LM/FT) ² LC___ - 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	S80 - 83+ CRI H90 - 93+ CRI	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	UNV - 120/277V 347 - 347V (0-10V ONLY)

DRIVER	FLANGE TYPE	LENS POSITION	OPTIONS
DIM - 0-10V (STANDARD 100-1%) DO1 - 0-10V (eidoLED, 100-0.1%) DALI - DALI (eidoLED, 100-1%) ³ DHL2 - LUTRON HI-LUME LDE1 (100-1% ECOSYSTEM)	WT - WHITE TRIM XTR - TRIMLESS FX - FLANGELESS GCX - GRID CEILING (UNIVERSAL MOUNT)* *Grid ceiling fixtures ship with universal mounting brackets suitable for all ceiling types. See mounting section for details	FL - FLUSH RG1 - 1" REGRESSED RG2 - 2" REGRESSED RG3 - 3" REGRESSED	EF - END FILLER* CP - CHICAGO PLENUM EMB - INTEGRAL EMERGENCY BATTERY (MIN 4' SECTION) EMC - EMERGENCY CIRCUIT DASY - ASYMMETRIC LENS *12" fully illuminated end filler option is field cuttable for odd lengths

LENGTH (FEET)
S - ___' (STRAIGHT RUN)* L - ___'X ___' (L-SHAPE) U - ___'X ___' X ___' (U-SHAPE) *Individual units available in 2', 3', 4', 5', 6', and 8' Continuous runs available in 1' increments as standard Use end filler option for odd lengths

¹ 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)

² L1000 (1000LM/FT) not available with H90 (93+ CRI)

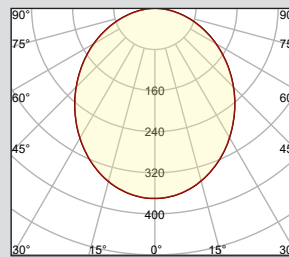
³ DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

JUNE 14, 2023

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

LENS POSITION	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
FLUSH	250	1.9	130
	500	4.4	114
	750	7.1	105
	1000	9.9	102
1" REGRESSED	250	1.9	125
	500	4.4	112
	750	7.1	104
	1000	9.9	101
2" REGRESSED	250	1.9	122
	500	4.4	111
	750	7.1	103
	1000	9.9	100
3" REGRESSED	250	1.9	121
	500	4.4	110
	750	7.1	103
	1000	9.9	100
ASYMMETRIC	250	1.9	131
	500	4.4	132
	750	7.1	126
	1000	9.8	121
LUMEN OUTPUT ADJUSTMENT FACTORS	CCT	Multiplier	
	2700K	0.94	
	3000K	0.97	
	3500K	1.00	
EFFICACY (LPW) ADJUSTMENT FACTOR	CRI	Multiplier	
	93+	0.88	

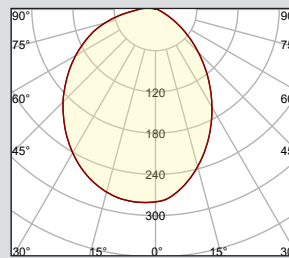
FL - FLUSH



3G-2RPE-L500-S80-FL

DELIVERED LUMENS: 500LM/FT (2000LM)
 SYSTEM WATTS: 4.4W/FT (17.6W)
 EFFICACY: 114LPW
 CRI: 83+
 CCT: 3500K
 LENS POSITION: FLUSH

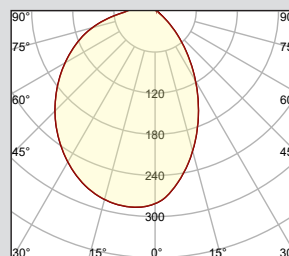
RG1 - 1" REGRESSED



3G-2RPE-L500-S80-RG1

DELIVERED LUMENS: 500LM/FT (2000LM)
 SYSTEM WATTS: 4.4W/FT (17.6W)
 EFFICACY: 112LPW
 CRI: 83+
 CCT: 3500K
 LENS POSITION: 1" REGRESSED

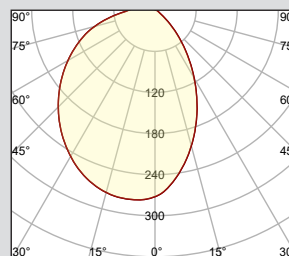
RG2 - 2" REGRESSED



3G-2RPE-L500-S80-RG2

DELIVERED LUMENS: 500LM/FT (2000LM)
 SYSTEM WATTS: 4.4W/FT (17.6W)
 EFFICACY: 111LPW
 CRI: 83+
 CCT: 3500K
 LENS POSITION: 2" REGRESSED

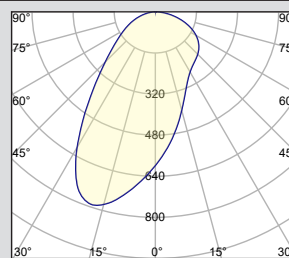
RG3 - 3" REGRESSED



3G-2RPE-L500-S80-RG3

DELIVERED LUMENS: 500LM/FT (2000LM)
 SYSTEM WATTS: 4.4W/FT (17.6W)
 EFFICACY: 110LPW
 CRI: 83+
 CCT: 3500K
 LENS POSITION: 3" REGRESSED

DASY - ASYMMETRIC OPTIC



3G-2RPE-L500-S80-DASY

DELIVERED LUMENS: 500LM/FT (2000LM)
 SYSTEM WATTS: 4.4W/FT (17.6W)
 EFFICACY: 132LPW
 CRI: 83+
 CCT: 3500K
 LENS OPTION: ASYMMETRIC

TECHNICAL**HOUSING**

Extruded aluminum housing with narrow 2" aperture
Individual units and continuous runs available in 1' increments
12" fully illuminated end filler option is field cuttable for odd lengths
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 position available in flush, 1", 2", and 3" regressed options
High performance asymmetric optics available

ELECTRICAL

Luminaires are pre-wired with factory installed quick connects and branch circuit wiring
Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage drivers. Optional 347V, 0-10V drivers
Lutron EcoSystem and eldoLED DALI options available with 100-1% dimming range
All drivers are integral and easily accessible through luminaire aperture
Minimum 4' and maximum 6' length for each integral emergency battery. 10W output for 90 minutes

LED SYSTEM

Proprietary LED system with color consistency <3 SDCM
Available in 27K, 30K, 35K, and 40K
Standard 83+CRI. Optional 93+CRI
R9 value of 56 for 93+CRI
L90 >60,000 hours
5 Year Warranty

MOUNTING

New construction housing suspended via 1/4" threaded rod or suspension cables (by others)
Trim fixture designed for use in drywall, wood, and other architectural ceiling materials
Trimless fixture designed for use in drywall, mud-in ceiling applications
Flangeless fixture designed for use in wood ceilings
Suitable for various grid ceiling applications (see mounting details)
Suitable for various architectural ceilings (see mounting details)
Standard mounting available in flush and regressed options up to 3". Consult 3G for modification
Fixture weight: +/- 2.5 lbs/ft

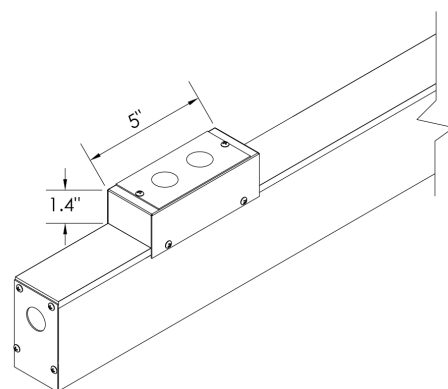
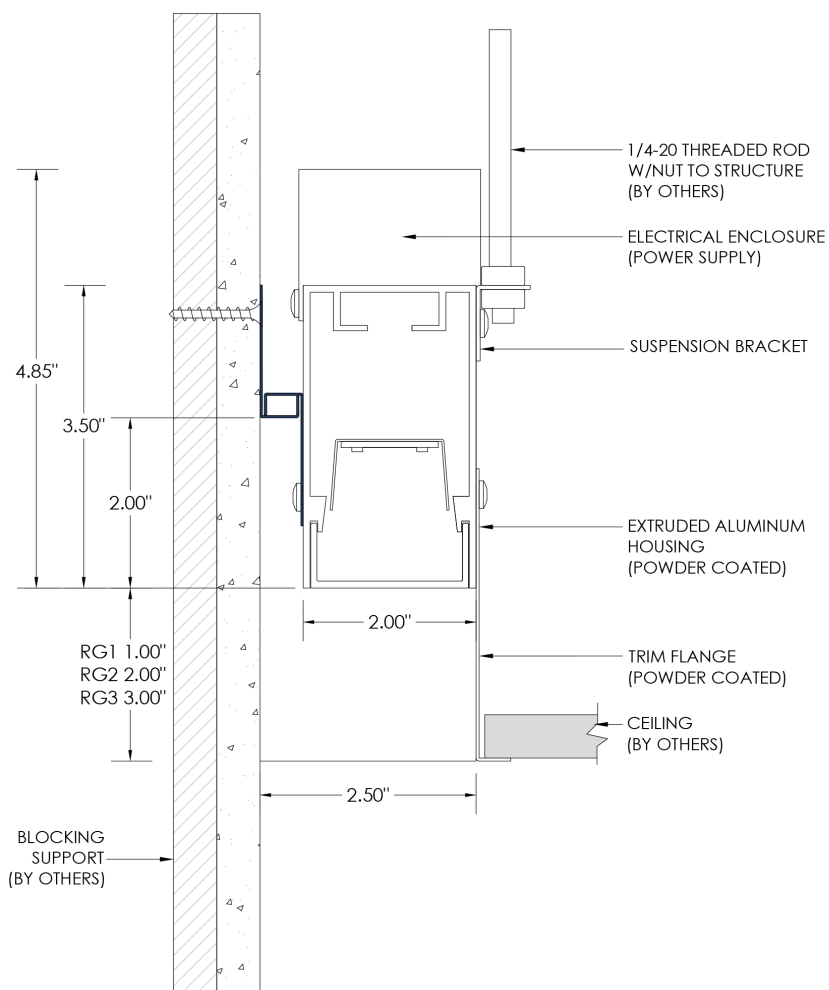
LISTING

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

WARRANTY

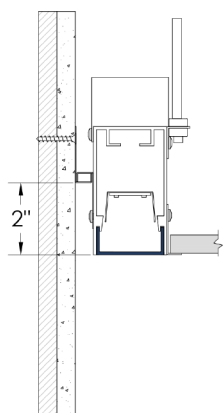
5 Year Warranty on LED and drivers
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
Ambient temperature at fixture should not exceed 25°C

DRAWINGS AND DIMENSIONS

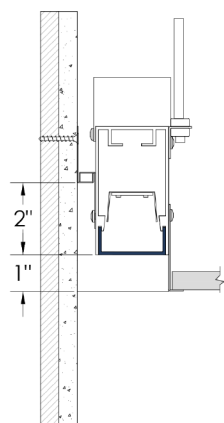


LENS POSITION

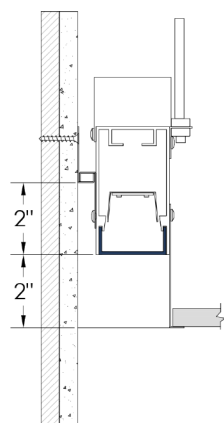
FL - FLUSH



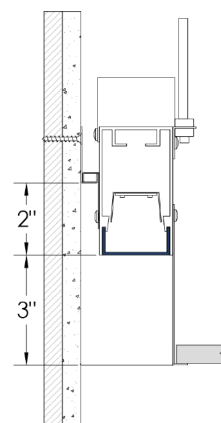
RG1 - 1" REGRESSED



RG2 - 2" REGRESSED



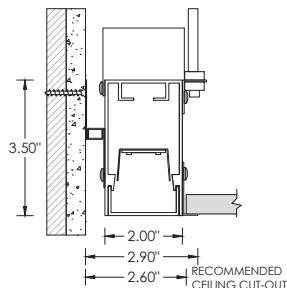
RG3 - 3" REGRESSED



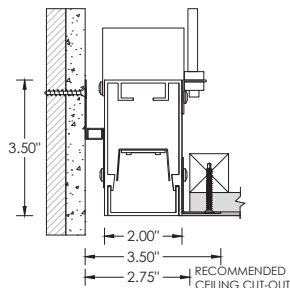
HARD CEILING MOUNTING TYPES

FLUSH

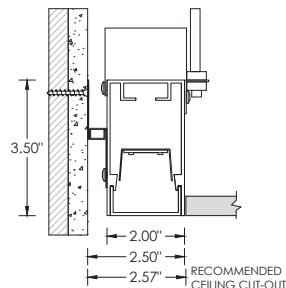
WT - TRIM



XTR - TRIMLESS

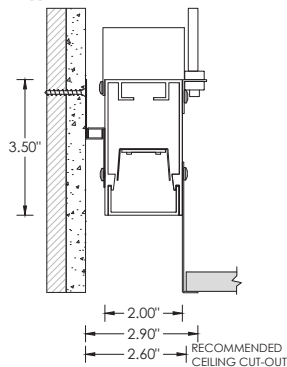


FX - FLANGELESS

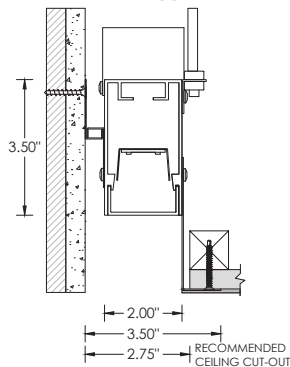


2" REGRESSED

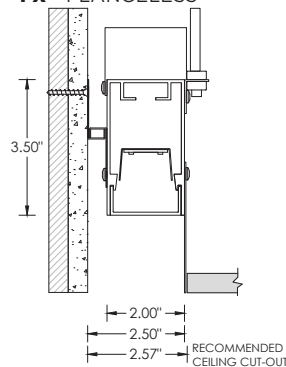
WT - TRIM



XTR - TRIMLESS



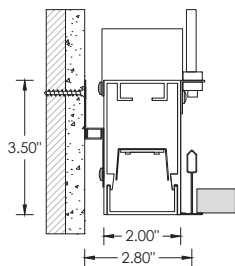
FX - FLANGELESS



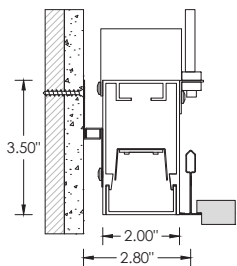
GRID CEILING MOUNTING TYPES

FLUSH

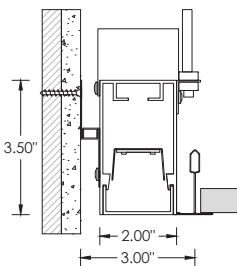
9L - 9/16" LAYIN



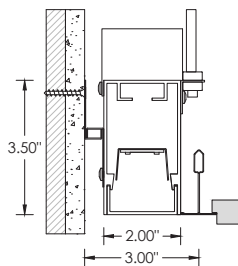
9TG - 9/16" TEGULAR



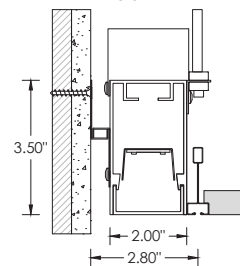
15L - 15/16" LAYIN



15TG - 15/16" TEGULAR

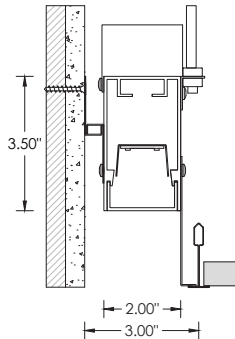


9ST - 9/16" SLOT TEE TEGULAR

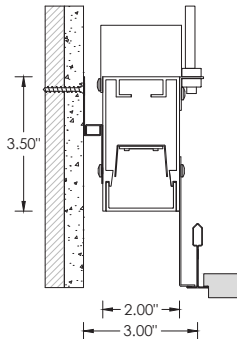


2" REGRESSED

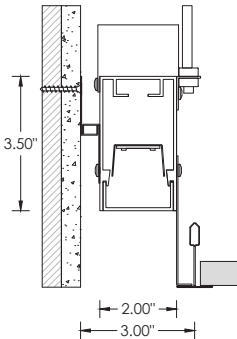
9L - 9/16" LAYIN



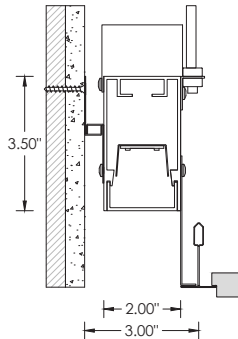
9TG - 9/16" TEGULAR



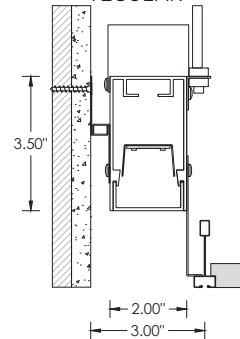
15L - 15/16" LAYIN



15TG - 15/16" TEGULAR

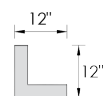


9ST - 9/16" SLOT TEE TEGULAR



PATTERNS

Specify pattern shape and overall dimensions as shown below
 Patterns are connected with fully illuminated 12"x12" L-shaped sections
 Please consult factory for custom patterns and shapes not shown below



L-SHAPE	U-SHAPE
Provide dimensions of AxB Example: L - 6'x8'	Provide dimensions of AxBxC Example: U - 8'x10'x6'
Diagram of an L-shaped pattern. The vertical leg is labeled B and the horizontal leg is labeled A. A red arrow points to the corner joint.	Diagram of a U-shaped pattern. The vertical legs are labeled A and the horizontal leg is labeled B. The depth of the U-shape is labeled C. A red arrow points to the top joint.