

3G LIGHTING

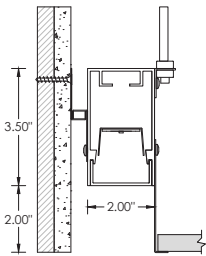
3G-2RPE

2" RECESSED PERIMETER

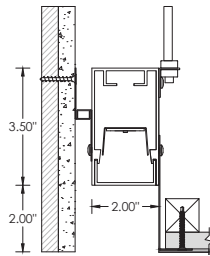
Extruded aluminum housing with narrow 2" aperture
 Designed for continuous runs in various configurations
 12" fully illuminated end filler option is field cuttable for odd lengths
 Standard 80+ CRI and 90+ CRI LED system
 Delivered lumen range up to 1250lm/FT with performance up to 133 LPW
 Lens position available in flush, 1", 2", and 3" regressed options
 High performance asymmetric optic provides room side distribution



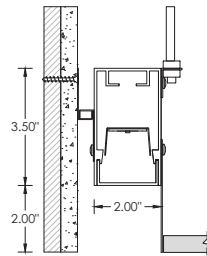
WT - TRIM



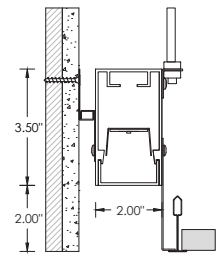
XTR - TRIMLESS



FX - FLANGELESS

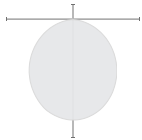


GCX - GRID CEILING

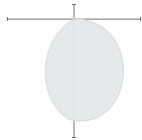


OPTICS

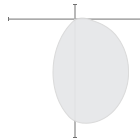
FLUSH



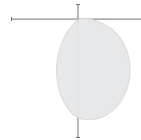
1" REGRESSED



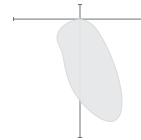
2" REGRESSED



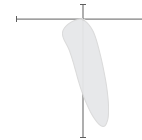
3" REGRESSED



FLUSH ASYMMETRIC



1" REGRESSED ASYMMETRIC



PATTERNS

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

L-SHAPE	U-SHAPE	RECTANGLE/SQUARE
Provide dimensions of AxB Example: L - 6'x8'	Provide dimensions of AxBxC Example: U - 8'x10'x6"	Provide dimensions of AxB Example: R - 10'x8'

PROJECT:		TYPE:	
CATALOG#:		DATE:	QTY:

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP
3G-2RPE	D250 - 250 LM/FT ¹ D500 - 500 LM/FT D750 - 750 LM/FT D1000 - 1000 LM/FT D1250 - 1250 LM/FT DC___ - CUSTOM OUTPUT (SPECIFY LM/FT) * *Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed D1250	S80 - 80+ CRI H90 - 90+ CRI	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K

VOLTAGE	DRIVER	FLANGE TYPE	LENS OPTION
UNV - 120/277V 347 - 347V ²	DIM - 0-10V (100-1%) D01 - 0-10V (100-0.1%) DALI - DALI (100-1%) ³ DHL2 - LUTRON HI-LUME (1% ECOSYSTEM) DMX - DMX (100-0%)	GCX - GRID CEILING * (UNIVERSAL MOUNT) WT - WHITE TRIM FLANGE XTR - TRIMLESS (MUD-IN DRY WALL) FX - FLANGELESS *Universal mounting brackets used for all grid ceiling types only. See mounting section for details	FL - FLUSH RG1 - 1" REGRESSED RG2 - 2" REGRESSED RG3 - 3" REGRESSED

OPTIONS	RUN TYPE
DASY - ASYMMETRIC LENS ⁴ (ROOM SIDE DISTRIBUTION) EF - 12" END FILLER (FOR ODD LENGTHS) CP - CHICAGO PLENUM EMB - EMERGENCY BATTERY * (INTEGRAL) EMC - EMERGENCY CIRCUIT *Minimum 4' and maximum 6' section	S - ___' (STRAIGHT) * L - ___'X ___' (L-SHAPE) U - ___'X ___'X ___' (U-SHAPE) R - ___'X ___' (RECTANGLE/SQUARE) *Individual units available from 2' to 8' Use "EF" (End Filler) options for continuous runs with odd lengths Example: 12'4" long fixture run specified as EF-S-12'

- ¹ D250 (250LM/FT) not available in 2' and 3' lengths (Specify minimum DC400 when outputs lower than 500LM/FT are required)
- ² 347 available in "DIM" 0-10V only (100-1%)
- ³ DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options
- ⁴ Asymmetric lens option only available with Flush and 1" Regressed lens position

ILLUMINATED END FILLERS AND CORNERS

Optional, 12" fully illuminated, telescoping end filler is designed to be easily cut in field. Suitable for straight, L-shape, and U-shape run lengths
 Rectangular runs lengths are provided with "joiner" section fillers (x4)

PERFORMANCE

DELIVERED LUMENS	FLUSH		1" REGRESSED		2" REGRESSED		3" REGRESSED		FLUSH ASYMMETRIC		1" REGRESSED ASYMMETRIC	
	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)	SYSTEM WATTS	EFFICACY (LPW)
250	2.0	125	2.0	123	2.0	120	2.1	118	1.9	133	2.2	131
500	4.0	125	4.1	123	4.1	120	4.3	118	3.8	133	4.4	131
750	6.6	114	6.3	119	6.5	117	6.6	115	5.7	132	5.9	128
1000	8.7	114	8.8	115	8.8	114	9.1	111	7.8	128	8.0	125
1250	10.9	115	11.4	111	11.4	109	11.6	108	9.9	127	10.4	121

DELIVERED LUMENS PER FOOT BASED ON 80+ CRI, 3500K
Lumen output and actual wattage may vary +/- 5%

LUMEN OUTPUT MULTIPLIERS

80+ CRI COLOR TEMP		90+ CRI COLOR TEMP	
2700K	N/A	2700K	0.78
3000K	0.97	3000K	0.83
3500K	1.00	3500K	0.86
4000K	1.02	4000K	0.88

HOUSING

Extruded aluminum housing with narrow 2" aperture
Designed for continuous runs in various configurations
12" fully illuminated end filler option is field cuttable for odd lengths
Trim flange with power coated finish and 0.400" overlap
Trimless model features a perforated galvanized mudding flange
24-gauge LED reflector with high reflectance white finish
Standard polyester powder coated matte white finish

OPTICS

Extruded, acrylic lens provides optimal performance and glare control
High performance asymmetric lens provides room side distribution
Lens option available in flush, 1", 2", and 3" regressed options

LED SYSTEM

Standard 80+ CRI. Optional 90+ CRI
Color consistency <3 SDCM
Available in 27K, 30K, 35K, and 40K
R9 value of 56 for 90+CRI
L90 > 60,000 hours

ELECTRICAL

Standard 0-10V, constant current drivers
100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage with several driver options
Luminaires are pre-wired with factory installed quick connects and branch circuit wiring
Integral drivers are easily accessible through luminaire aperture

EMERGENCY

Integral emergency battery (Minimum 4' and maximum 6' length)
10W output for 90 minutes (+/- 350lm/ft at 80+ CRI for 4' section)
Title 24 Certified
Integral emergency battery accessible through fixture aperture
Caution: Emergency Battery utilizes more than one power source and servicing should be performed by qualified personnel

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)
Standard mounting available in flush and regressed options up to 3"
Fixture weight: +/- 4 lbs/ft. Consult 3G for modifications

LISTING

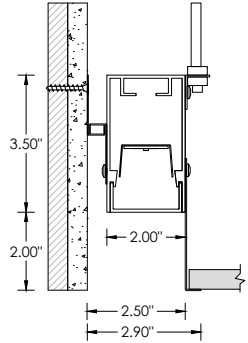
ETL listed and conforms to UL1598 standard
Certified to CSA22.2 No.250.0.
Rated for dry or damp locations

WARRANTY

5 Year Warranty on LED and drivers
LED system rated for operation in ambient environments up to 25°C

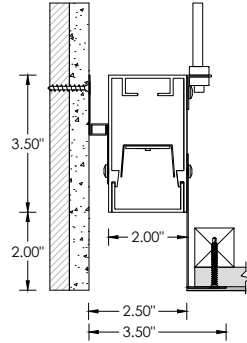
HARD CEILING (SHOWN WITH 2" REGRESSED LENS OPTION)

WT - TRIM



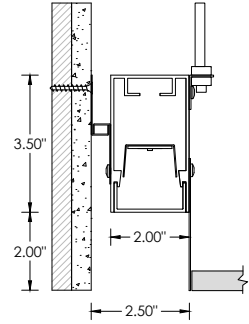
RECOMMENDED CEILING
OPENING 2.60"

XTR - TRIMLESS



RECOMMENDED CEILING
OPENING 2.75"

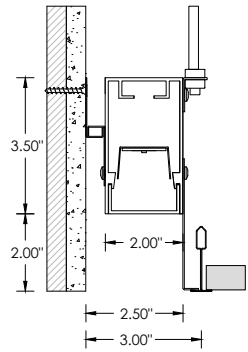
FX - FLANGELESS



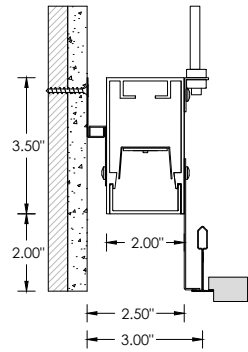
RECOMMENDED CEILING
OPENING 2.57"

GRID CEILING (SHOWN WITH 2" REGRESSED LENS OPTION)

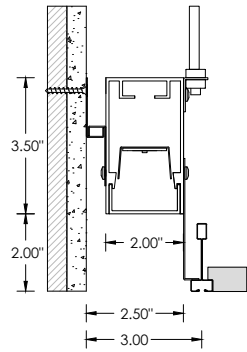
9L - 9/16" LAYIN



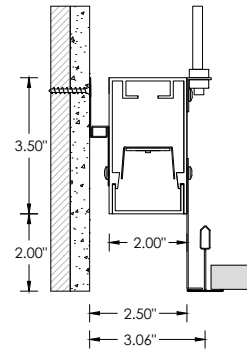
9TG - 9/16" TEGULAR



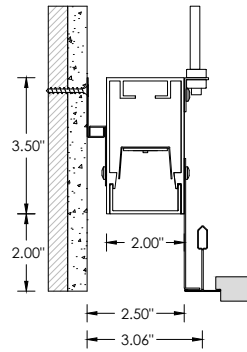
**9ST - 9/16" SLOT TEE
TEGULAR**



15L - 15/16" LAYIN

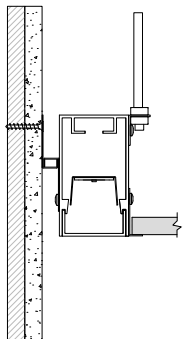


15TG - 15/16" TEGULAR

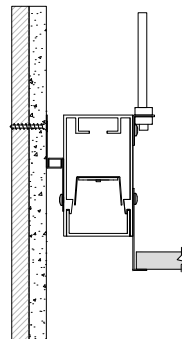


LENS OPTION

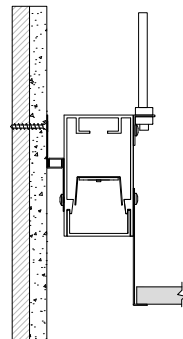
FL - FLUSH



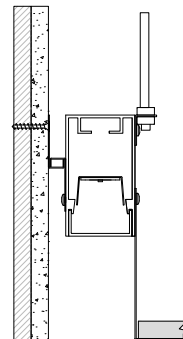
RG1 - 1" REGRESSED



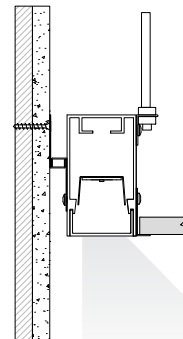
RG2 - 2" REGRESSED



RG3 - 3" REGRESSED



**FL - FLUSH
ASYMMETRIC OPTIC
ROOM SIDE**



**RG1 - 1" REGRESSED
ASYMMETRIC OPTIC
ROOM SIDE**

