3G LIGHTING

3G-4RPE

3.5" PERIMETER

Narrow 3.5" 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



PROJECT:	TYPE:		
CATALOG#:	DATE:	QTY:	

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	VOLTAGE
3G-4RPE	D250 - 250 LM/FT ¹	S80 - 80+ CRI	27K - 2700K	UNV - 120/277V
	D500 - 500 LM/FT	H90 - 90+ CRI	30K - 3000K	347 - 347V ³
	D750 - 750 LM/FT		35K - 3500K	
	D1000 - 1000 LM/FT ²		40K - 4000K	
	DC CUSTOM OUTPUT (SPECIFY LM/FT) *			
	*Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed D1000			

DRIVER	FLANGE TYPE	LENS POSITION	OPTIONS
DIM - 0-10V (100-1%) D01 - 0-10V (100-0.1%) DALI - DALI (100-1%) 4 DHL2 - LUTRON HI-LUME (1% ECOSYSTEM) DMX - DMX (100-0%)	GCX - GRID CEILING * (UNIVERSAL MOUNT) WT - WHITE TRIM FLANGE XTR - TRIMLESS (MUD-IN DRYWALL) 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	CP - CHICAGO PLENUM DASY - ASYMMETRIC LENS EF - 12" END FILLER

RUN TYPE
S '(STRAIGHT)*
L 'X' (L-SHAPE)
U - 'X' (U-SHAPE)
"Individual units available from 2' to 8' Continuous runs available in 1" increments as standard

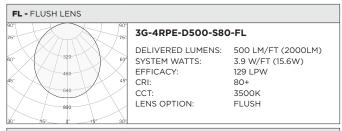
- 1 D250 (250LM/FT) not available in 2' and 3' lengths (Please specify DC400 for 2' and 3' fixture length when outputs lower than 500LM/FT are required)
- 2 D1000 (1000LM/FT) not available with H90 (93+ CRI)
- 3 347 available in "DIM" 0-10V only (100-1%)
- 4 DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

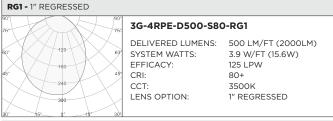
3G-4RPE 3.5" PERIMETER

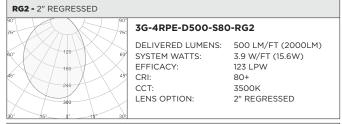
BASED ON 4' LENGTH (80+ CRI AND 3500K SOURCE)

LENS OPTION	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
	250	1.9	129
	500	3.9	129
FLUSH	750	6.0	127
	1000	8.1	123
	250	1.9	122
1" REGRESSED	500	3.9	125
I. KERKE22ED	750	6.0	124
	1000	8.1	120
2" REGRESSED	250	1.9	118
	500	3.9	123
	750	6.0	122
	1000	8.1	119
	250	1.9	115
7// DECDESSED	500	3.9	121
3" REGRESSED	750	6.0	121
	1000	8.1	119
ASYMMETRIC	250	1.9	131
	500	3.9	132
	750	6.0	128
	1000	8.1	124

LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.97, 35K=1.00, 40K=1.01, 90CRI=0.88







RG3 - 3" REGRESSED		
90° 75°	3G-4RPE-D500-S80-RG3	
	DELIVERED LUMENS:	500 LM/FT (2000LM)
60°	SYSTEM WATTS:	3.9 W/FT (15.6W)
460	EFFICACY:	121 LPW
45°	CRI:	80+
640	CCT:	3500K
800	LENS OPTION:	3" REGRESSED
20° 15° 0° 15° 30°		

DASY - ASYMMETRIC LENS			
90° 90° 90° 75°	3G-4RPF-D500-S80-DASY		
	DELIVERED LUMENS:	500 LM/FT (2000LM)	
60°	SYSTEM WATTS:	3.9 W/FT (15.6W)	
240	EFFICACY:	132 LPW	
45°	CRI:	80+	
320	CCT:	3500K	
400	LENS OPTION:	ASYMMETRIC	
30° 15° 0° 15° 30°			

3G-4RPE

HOUSING

Extruded aluminum housing with 3.5" aperture

Individual units and continuous runs available in 1" increments as standard 12" fully illuminated end filler option is field cuttable for odd lengths Aluminum trim flange with matte white powder coated finish and minimal 0.400" overlap

Trimless model features a satin coat mudding flange for seamless ceiling integration 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

LISTING

ETL listed and conforms to UL1598 standard. Certified to CSA22.2 NO.250.0. Rated for indoor dry or 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

ELECTRICAL

Standard 0-10V, constant current drivers with 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

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 80+CRI. Optional 90+CRI R9 value of 56 for 90+CRI L90 >60,000 hours 5 Year Warranty

MOUNTING

New construction housing suspended via $\frac{1}{4}$ " 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

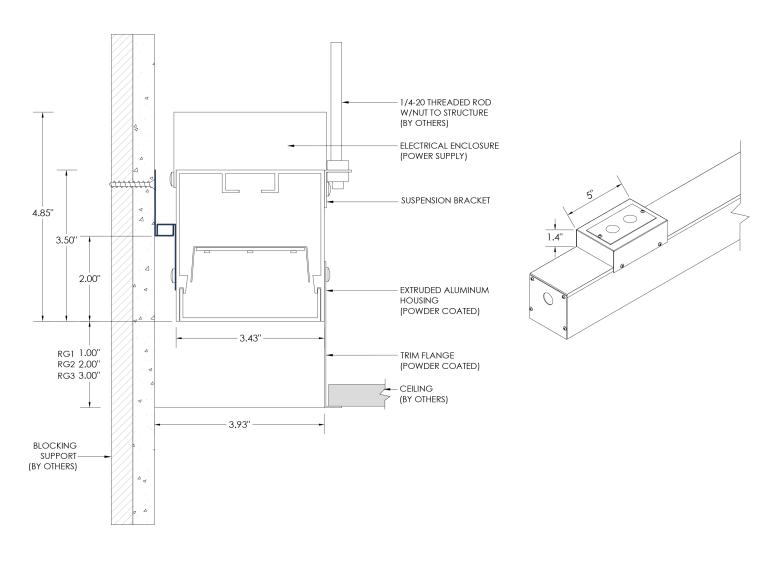
Suitable for 4" TechZone and various grid ceiling applications (see mounting details)

Standard mounting available in flush and regressed options up to 3". Consult 3G for modifications

Fixture weight: +/- 3 lb/ft





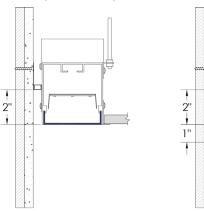


LENS POSITION

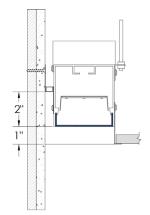
FL - FLUSH

DASY - ASYMMETRIC OPTIC

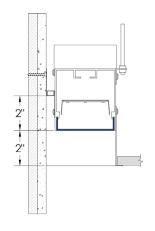
(ROOM SIDE)



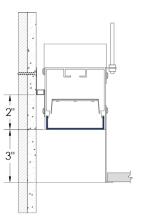
RG1 - 1" REGRESSED



RG2 - 2" REGRESSED



RG3 - 3" REGRESSED

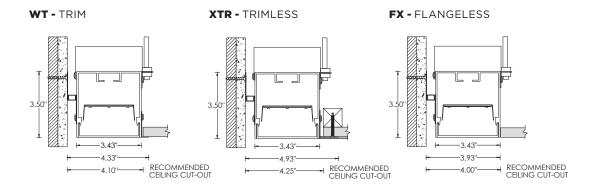




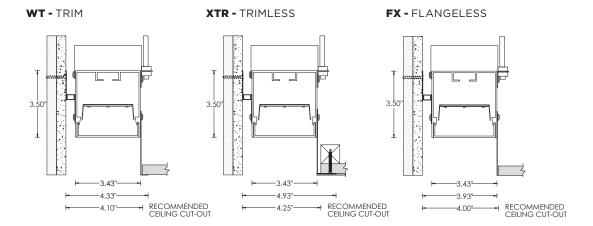


HARD CEILING MOUNTING TYPES

FLUSH



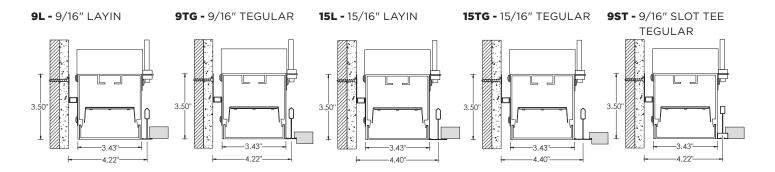
2" REGRESSED



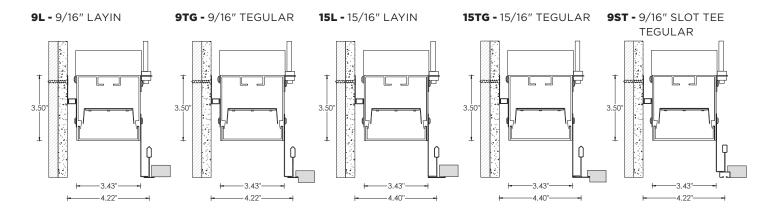


GRID CEILING MOUNTING TYPES

FLUSH



2" REGRESSED



PATTERNS

Specify pattern shape and overall dimensions as shown below
Patterns are connected with fully illuminated 12"x12" L, T, and X-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"
B	C B B