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] **D500** - 500 LM/FT **D750** - 750 LM/FT **D1000** - 1000 LM/FT [2] **DC___** - CUSTOM OUTPUT (SPECIFY LM/FT) * *Specify custom lumen outputs in 50lm increments (ie: DC600, DC650, DC700) Custom output cannot exceed D1000	**S80** - 80+ CRI **H90** - 90+ CRI	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K	**UNV** - 120/277V **347** - 347V [3]

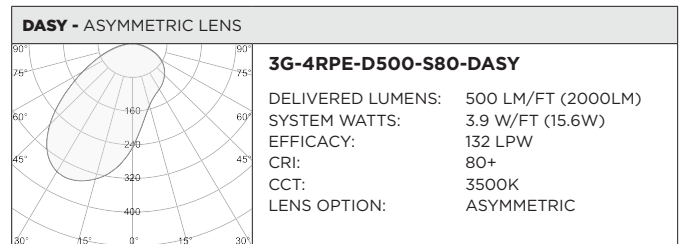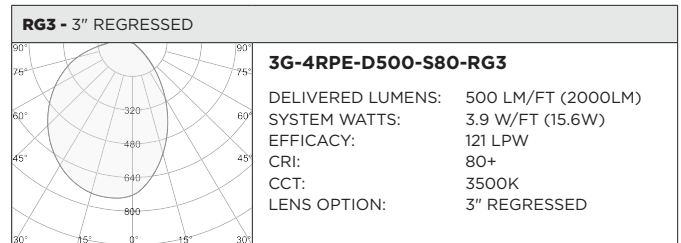| DRIVER	FLANGE TYPE	LENS POSITION	OPTIONS
DIM - 0-10V (100-1%) **D01** - 0-10V (100-0.1%) **DALI** - DALI (100-1%) [4] **DHL2** - LUTRON HI-LUME (1% ECOSYSTEM) **DMX** - DMX (100-0%)	**GCX** - GRID CEILING * (UNIVERSAL MOUNT) **WT** - WHITE TRIM FLANGE **XTR** - TRIMLESS (MUD-IN DRYWALL) **FX** - FLANGELESS *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 (FOR ODD LENGTHS) **EMB** - EMERGENCY BATTERY * (INTEGRAL) **EMC** - EMERGENCY CIRCUIT *Minimum 4' section

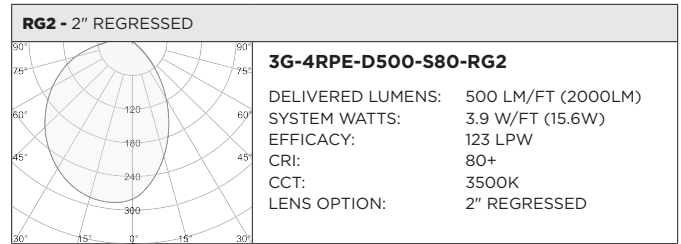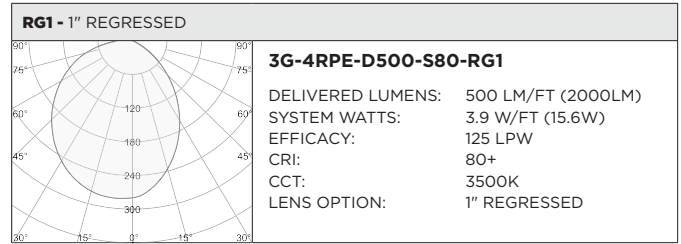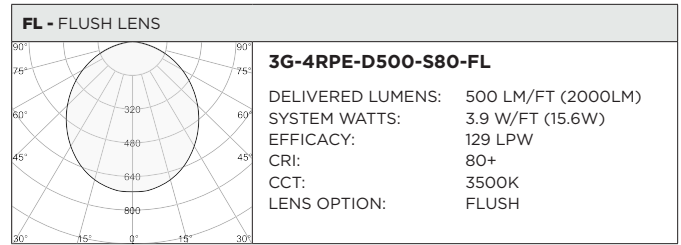| RUN TYPE |
|---|
| **S** - ____' (STRAIGHT) *
 L - ____'X ____' (L-SHAPE)
 U - ____'X ____'X ____' (U-SHAPE)

 *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

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

LENS OPTION	DELIVERED LUMENS (LM/FT)	SYSTEM WATTS (W/FT)	EFFICACY (LPW)
FLUSH	250	1.9	129
	500	3.9	129
	750	6.0	127
	1000	8.1	123
1" REGRESSED	250	1.9	122
	500	3.9	125
	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
3" REGRESSED	250	1.9	115
	500	3.9	121
	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

FL - FLUSH LENS

3G-4RPE-D500-S80-FL

DELIVERED LUMENS:	500 LM/FT (2000LM)
SYSTEM WATTS:	3.9 W/FT (15.6W)
EFFICACY:	129 LPW
CRI:	80+
CCT:	3500K
LENS OPTION:	FLUSH

RG1 - 1" REGRESSED

3G-4RPE-D500-S80-RG1

DELIVERED LUMENS:	500 LM/FT (2000LM)
SYSTEM WATTS:	3.9 W/FT (15.6W)
EFFICACY:	125 LPW
CRI:	80+
CCT:	3500K
LENS OPTION:	1" REGRESSED

RG2 - 2" REGRESSED

3G-4RPE-D500-S80-RG2

DELIVERED LUMENS:	500 LM/FT (2000LM)
SYSTEM WATTS:	3.9 W/FT (15.6W)
EFFICACY:	123 LPW
CRI:	80+
CCT:	3500K
LENS OPTION:	2" REGRESSED

RG3 - 3" REGRESSED

3G-4RPE-D500-S80-RG3

DELIVERED LUMENS:	500 LM/FT (2000LM)
SYSTEM WATTS:	3.9 W/FT (15.6W)
EFFICACY:	121 LPW
CRI:	80+
CCT:	3500K
LENS OPTION:	3" REGRESSED

DASY - ASYMMETRIC LENS

3G-4RPE-D500-S80-DASY

DELIVERED LUMENS:	500 LM/FT (2000LM)
SYSTEM WATTS:	3.9 W/FT (15.6W)
EFFICACY:	132 LPW
CRI:	80+
CCT:	3500K
LENS OPTION:	ASYMMETRIC

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

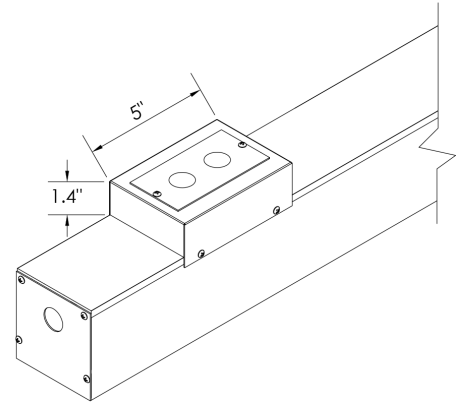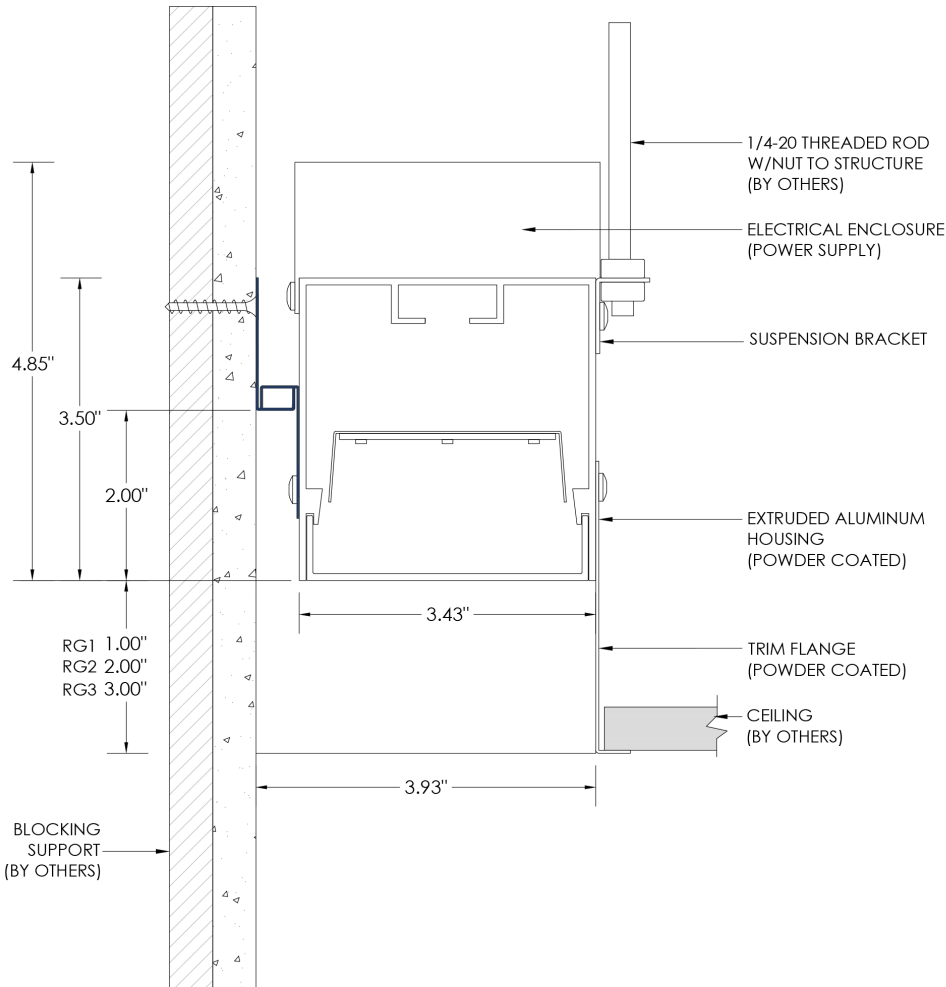Ambient temperature at fixture should not exceed 25°C

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 ¼" 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
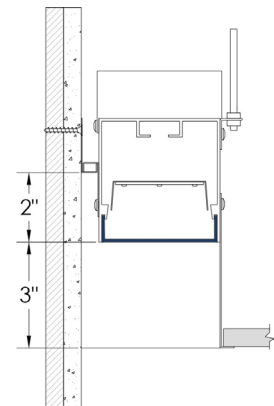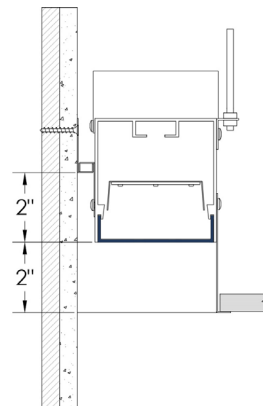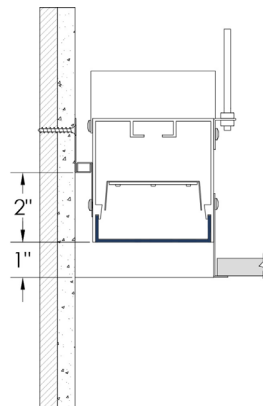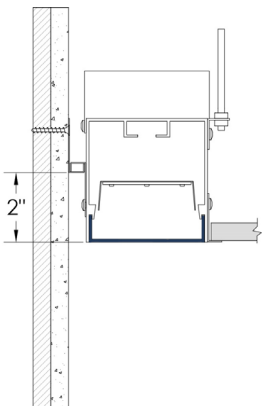
Fixture weight: +/- 3 lb/ft

1/4-20 THREADED ROD
W/NUT TO STRUCTURE
(BY OTHERS)

ELECTRICAL ENCLOSURE
(POWER SUPPLY)

SUSPENSION BRACKET

EXTRUDED ALUMINUM
HOUSING
(POWDER COATED)

TRIM FLANGE
(POWDER COATED)

CEILING
(BY OTHERS)

4.85"
3.50"
2.00"
RG1 1.00"
RG2 2.00"
RG3 3.00"
3.43"
3.93"

BLOCKING
SUPPORT
(BY OTHERS)

5"
1.4"

LENS POSITION

FL - FLUSH
DASY - ASYMMETRIC OPTIC
(ROOM SIDE)

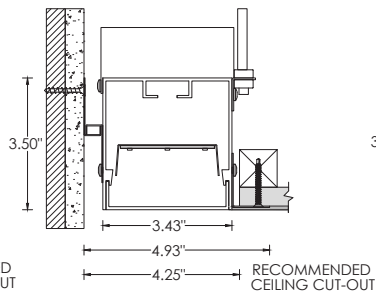**RG1 -** 1" REGRESSED

RG2 - 2" REGRESSED

RG3 - 3" REGRESSED

2"

2"
1"

2"
2"

2"
3"

HARD CEILING MOUNTING TYPES

FLUSH

WT - TRIM
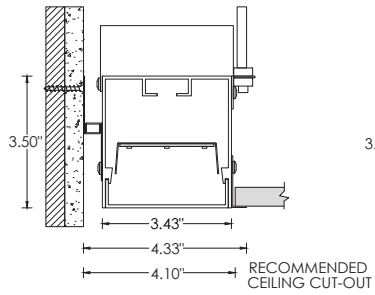
3.50"

3.43"
4.33"
4.10" | RECOMMENDED CEILING CUT-OUT

XTR - TRIMLESS

3.50"

3.43"
4.93"
4.25" | RECOMMENDED CEILING CUT-OUT

FX - FLANGELESS

3.50"

3.43"
3.93"
4.00" | RECOMMENDED CEILING CUT-OUT

2" REGRESSED

WT - TRIM

3.50"

3.43"
4.33"
4.10" | RECOMMENDED CEILING CUT-OUT

XTR - TRIMLESS

3.50"

3.43"
4.93"
4.25" | RECOMMENDED CEILING CUT-OUT

FX - FLANGELESS

3.50"

3.43"
3.93"
4.00" | RECOMMENDED CEILING CUT-OUT
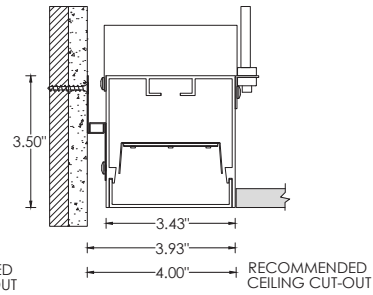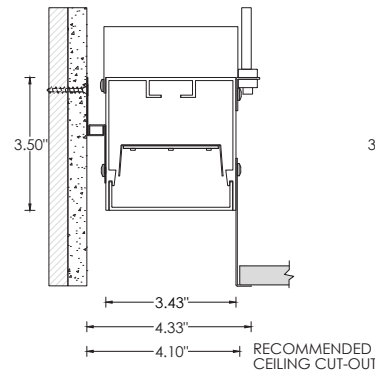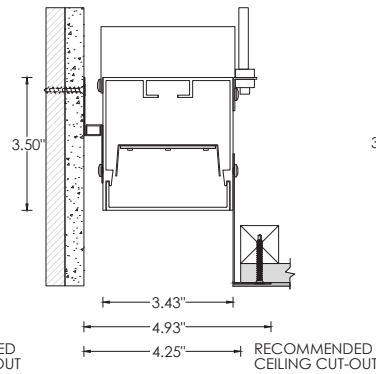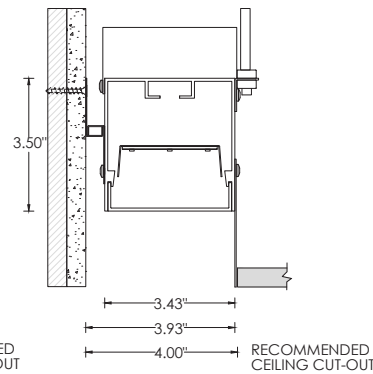
GRID CEILING MOUNTING TYPES

FLUSH

9L - 9/16" LAYIN   **9TG -** 9/16" TEGULAR   **15L -** 15/16" LAYIN   **15TG -** 15/16" TEGULAR   **9ST -** 9/16" SLOT TEE TEGULAR

3.50" — 3.43" / 4.22"   3.50" — 3.43" / 4.22"   3.50" — 3.43" / 4.40"   3.50" — 3.43" / 4.40"   3.50" — 3.43" / 4.22"
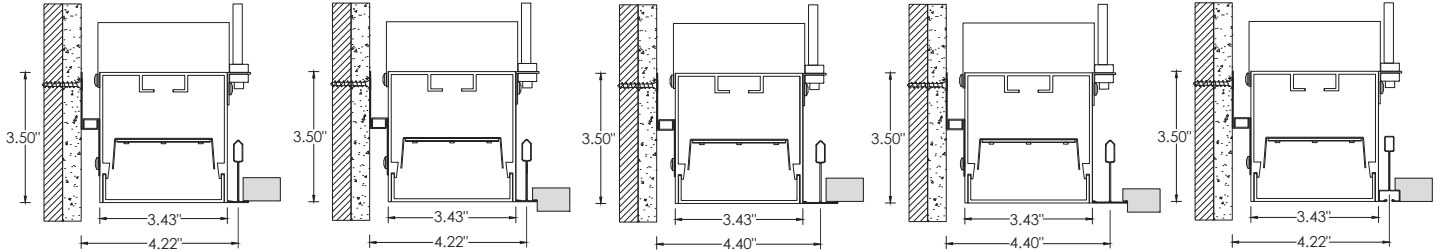
2" REGRESSED

9L - 9/16" LAYIN   **9TG -** 9/16" TEGULAR   **15L -** 15/16" LAYIN   **15TG -** 15/16" TEGULAR   **9ST -** 9/16" SLOT TEE TEGULAR

3.50" — 3.43" / 4.22"   3.50" — 3.43" / 4.22"   3.50" — 3.43" / 4.40"   3.50" — 3.43" / 4.40"   3.50" — 3.43" / 4.22"
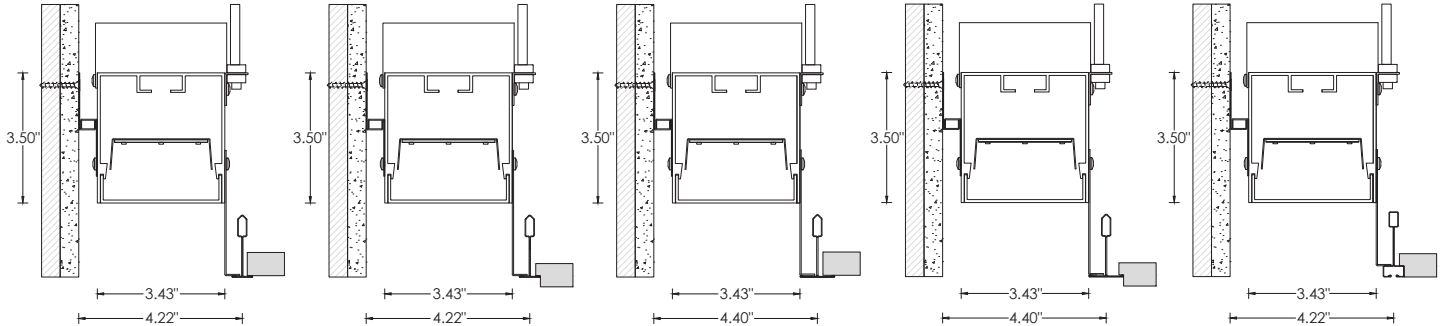
PATTERNS

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

12"
12"

L-SHAPE	U-SHAPE
Provide dimensions of AxB	Provide dimensions of AxBxC
Example: **L** - 6'x8'	Example: **U** - 8'x10'x6"