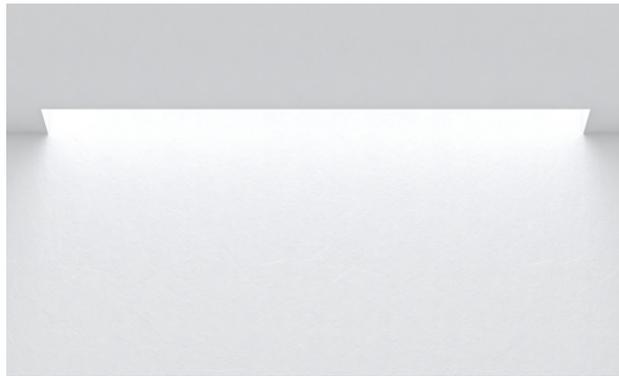


3G LIGHTING

3G-4RPE

3.5" RECESSED PERIMETER
TUNABLE WHITE & RGBW



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
LED system with performance up to 147 lumens per watt
Lens position available in flush, 1", 2" and 3" regressed options
Asymmetric optics available
1% dimming standard with several integral driver options

ORDERING INFORMATION

| CAT. NO | LED SOURCE | LUMEN OUTPUT | CRI | VOLTAGE |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------|
| 3G-4RPE | TW - TUNABLE WHITE (2700K-6500K) | L250 - LOW OUTPUT (250 LM/FT) ² | S80 - 83+ CRI | UNV - 120/277V |
| | RGBW - INFINITE COLOR ¹ (3500K WHITE) | L500 - MEDIUM OUTPUT (500 LM/FT) L750 - HIGH OUTPUT (750 LM/FT) L1000 - VERY HIGH OUTPUT (1000 LM/FT) ³ LC___ - CUSTOM OUTPUT (SPECIFY LM/FT) * | H90 - 93+ CRI ¹ | |
| *Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700) Custom output cannot exceed LC1000 Lumen outputs suitable for white LED source only | | | | |

| DRIVER | FLANGE TYPE | LENS POSITION | OPTIONS |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| D01 - 0-10V (STANDARD 100-0.1%) DALI - DALI (eldoLED, 100-1%) DMX - DMX (eldoLED, 100-0%) ¹ DHLT - LUTRON T SERIES (100-1%) (2 CHANNEL TUNABLE WHITE) | WT - WHITE TRIM XTR - TRIMLESS FX - FLANGELESS GCX - GRID CEILING (UNIVERSAL MOUNT)* | FL - FLUSH RG1 - 1" REGRESSED RG2 - 2" REGRESSED RG3 - 3" REGRESSED | EF - END FILLER* EMC - EMERGENCY CIRCUIT ⁴ CP - CHICAGO PLENUM DASY - ASYMMETRIC OPTIC ¹ |
| *Grid ceiling fixtures ship with universal mounting brackets suitable for all ceiling types. See mounting section for details | | *12" fully illuminated end filler option is field cuttable for odd lengths | |

| RUN TYPE |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S - ___' (STRAIGHT RUN) L - ___' X ___' (L-SHAPE) U - ___' X ___' X ___' (U-SHAPE) R - ___' X ___' (RECTANGLE/SQUARE) |
| Continuous runs available in 1' increments Use end filler option for odd lengths |

¹ RGBW LED source available with S80 (83+CRI) and DMX driver option only. Not available with asymmetric optic or EM options
² L250 (250LM/FT) not available in 2' and 3' lengths. Specify LC400 for 2' and 3' fixture lengths when outputs lower than 500LM/FT are required
³ L1000 (1000LM/FT) not available for H90 (93+ CRI)
⁴ EMC (emergency circuit) option available for tunable white LED source only. Not available with RGBW

3GT - Tunable White
3GB - RGBW

JUNE 14, 2021



3G
LIGHTING

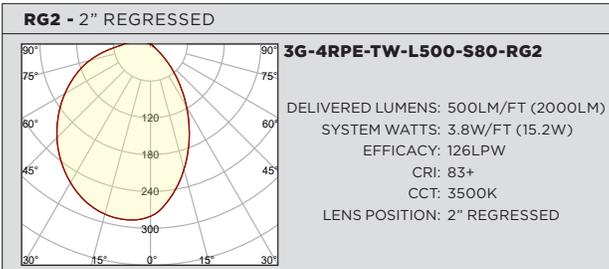
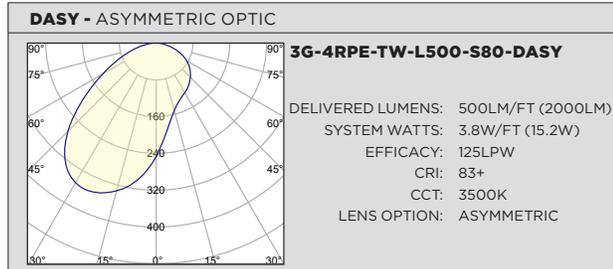
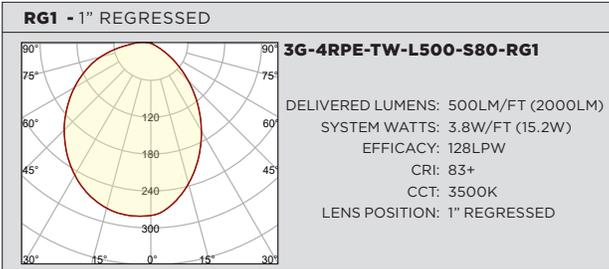
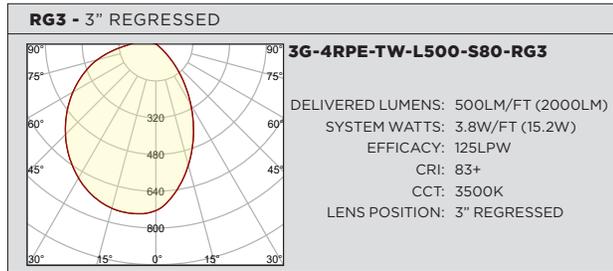
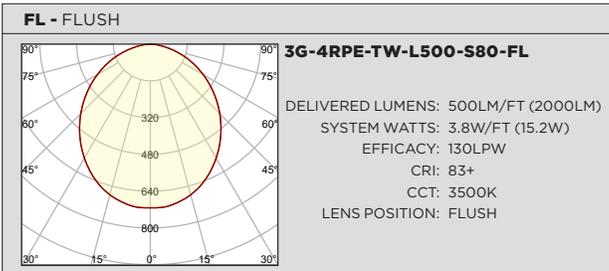
3G-4RPE

3.5" RECESSED PERIMETER
TUNABLE WHITE & RGBW

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

| COLOR TEMP | DELIVERED LUMENS (LM/F) | SYSTEM WATTS (W/FT) | EFFICACY (LPW) |
|-----------------------------------------|-------------------------|---------------------|----------------|
| 2700K | 250 | 1.9 | 126 |
| | 500 | 3.8 | 121 |
| | 750 | 5.8 | 119 |
| | 1000 | 8.0 | 118 |
| 3500K | 250 | 1.9 | 126 |
| | 500 | 3.8 | 121 |
| | 750 | 5.8 | 119 |
| | 1000 | 8.0 | 118 |
| 6500K | 250 | 1.9 | 147 |
| | 500 | 3.8 | 145 |
| | 750 | 5.8 | 138 |
| | 1000 | 8.0 | 132 |
| EFFICACY (LPW) ADJUSTMENT FACTOR | CRI | Multiplier | |
| | 93+ | 0.88 | |

PHOTOMETRY PERFORMANCE CHARTS BASED ON A 4' FIXTURE WITH MEDIUM LUMEN OUTPUT OPTION (L500)



3G
LIGHTING

3G-4RPE

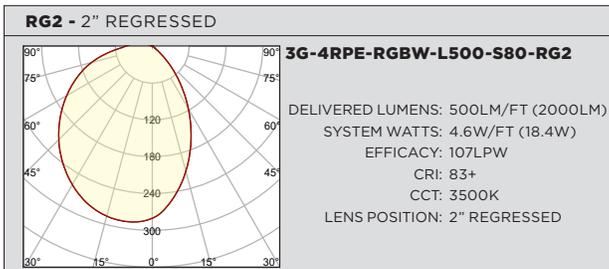
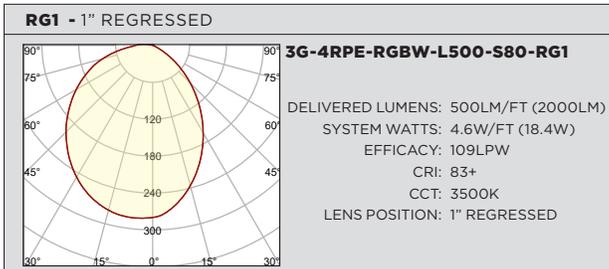
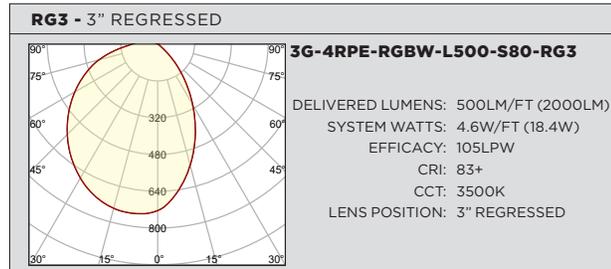
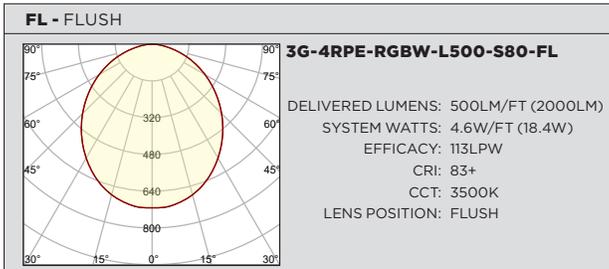
3.5" RECESSED PERIMETER
TUNABLE WHITE & RGBW

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

| COLOR TEMP | DELIVERED LUMENS (LM/F) | SYSTEM WATTS (W/FT) | EFFICACY (LPW) |
|------------|-------------------------|---------------------|----------------|
| 3500K | 250 | 2.2 | 119 |
| | 500 | 4.6 | 113 |
| | 750 | 7.8 | 96 |
| | 1000 | 11.3 | 89 |

| LUMINOUS INTENSITY PER LED | RGB | INTENSITY Min - Max (mcd) |
|----------------------------|-------|---------------------------|
| | RED | 355 - 805 |
| | GREEN | 710 - 1400 |
| | BLUE | 140 - 355 |

PHOTOMETRY PERFORMANCE CHARTS BASED ON A 4' FIXTURE WITH MEDIUM LUMEN OUTPUT OPTION (L500)



3G
LIGHTING**3G-4RPE**3.5" RECESSED PERIMETER
TUNABLE WHITE & RGBW**TECHNICAL****HOUSING**

Extruded aluminum housing with narrow 3.5" 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.
 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
 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 (by others)
 Toolless installation with 3G's proprietary mounting system
 Internal, toolless joiner system (latch and hook) easily connects multiple sections together
 LED reflectors remain within each fixture section during installation with 3G's click and lock spring system
 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)
 Fixture weight: +/- 3 lbs/ft

LISTING

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

WARRANTY

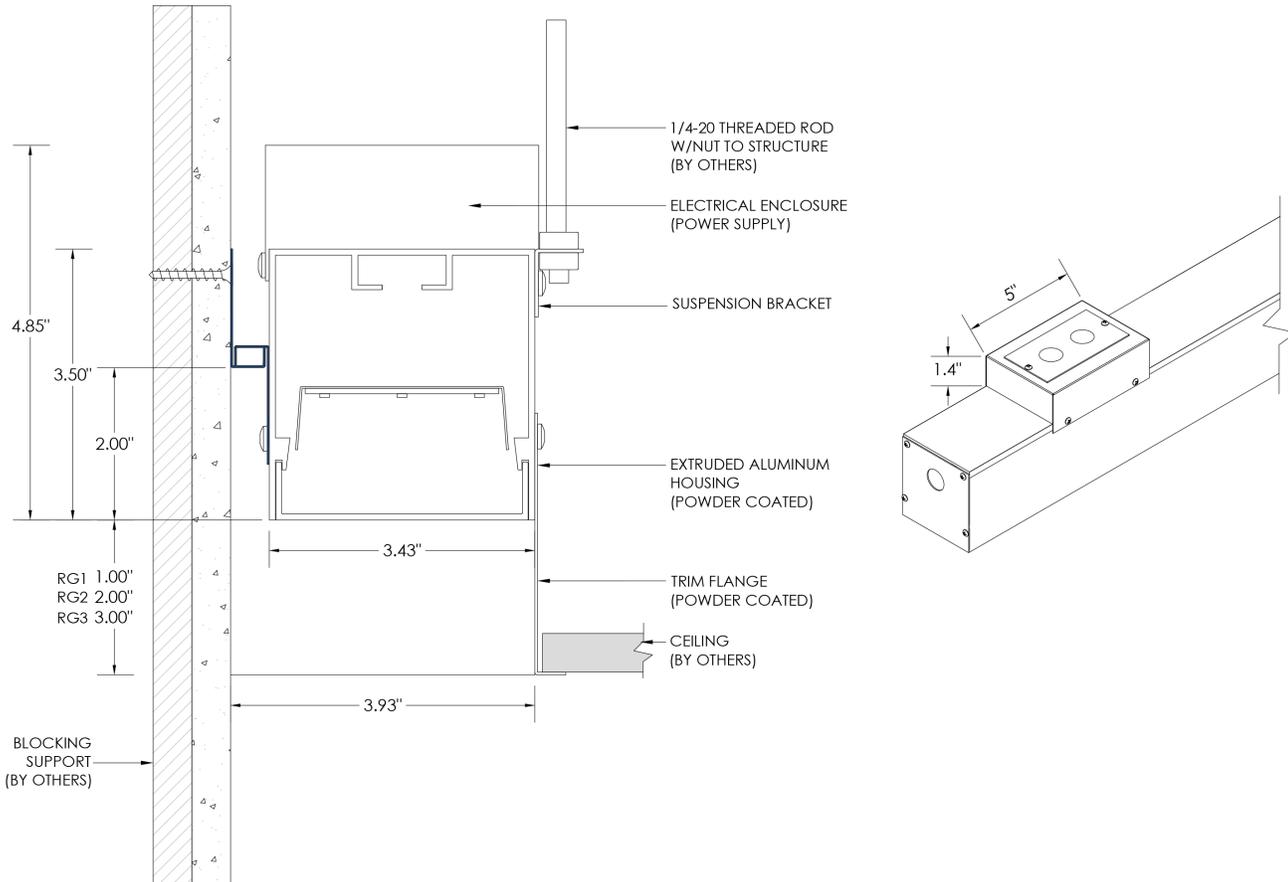
5 Year Warranty on LED and drivers
 Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
 Ambient temperature at fixture should not exceed 25°C

3G
LIGHTING

3G-4RPE

3.5" RECESSED PERIMETER
TUNABLE WHITE & RGB

DRAWINGS AND DIMENSIONS



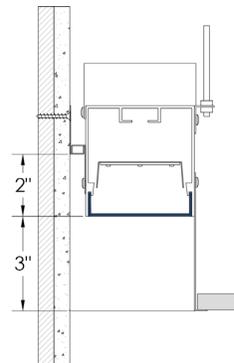
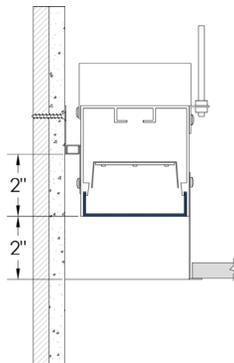
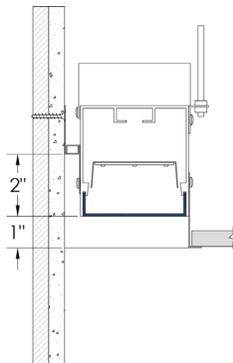
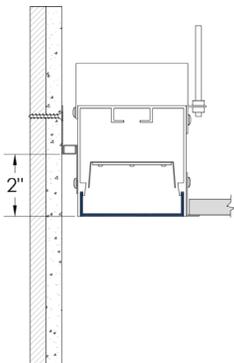
LENS POSITION

FL - FLUSH

RG1 - 1" REGRESSED

RG2 - 2" REGRESSED

RG3 - 3" REGRESSED



3G
LIGHTING

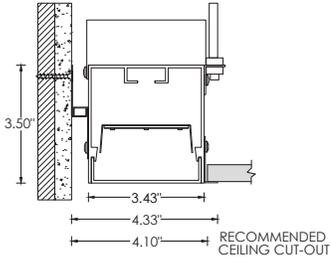
3G-4RPE

3.5" RECESSED PERIMETER
TUNABLE WHITE & RGBW

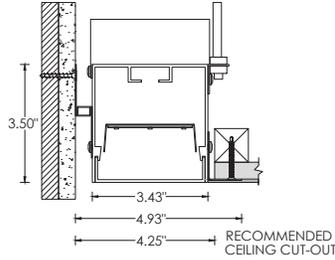
HARD CEILING MOUNTING TYPES

FLUSH

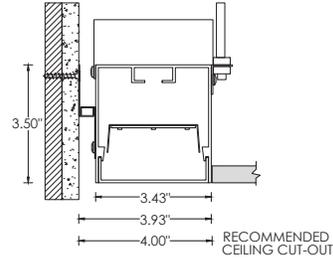
WT - TRIM



XTR - TRIMLESS

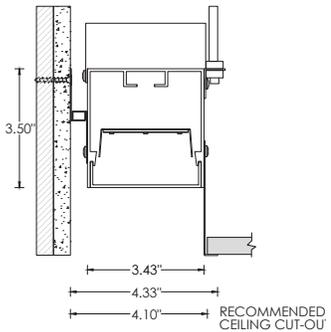


FX - FLANGELESS

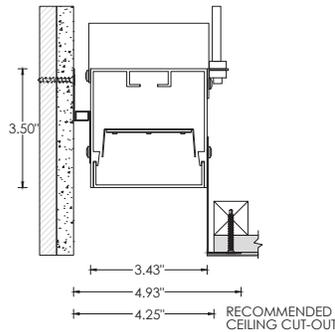


2" REGRESSED

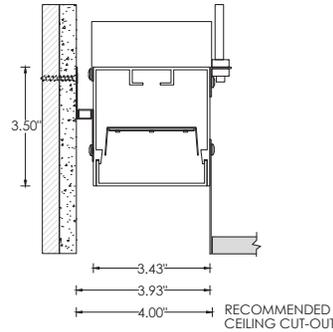
WT - TRIM



XTR - TRIMLESS



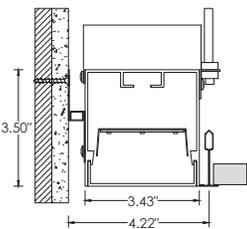
FX - FLANGELESS



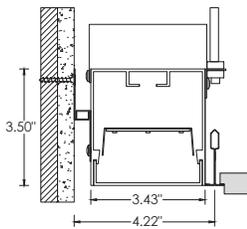
GRID CEILING MOUNTING TYPES

FLUSH

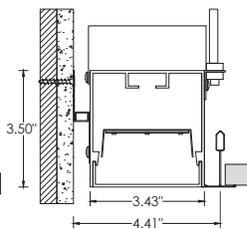
9L - 9/16" LAYIN



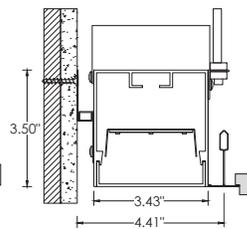
9TG - 9/16" TEGULAR



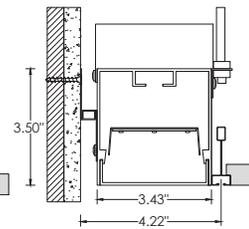
15L - 15/16" LAYIN



15TG - 15/16" TEGULAR

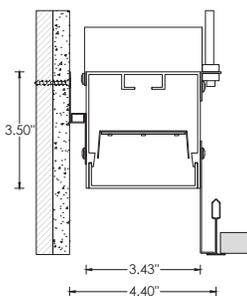


9ST - 9/16" SLOT TEE TEGULAR

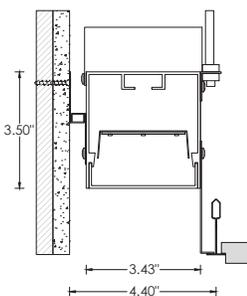


2" REGRESSED

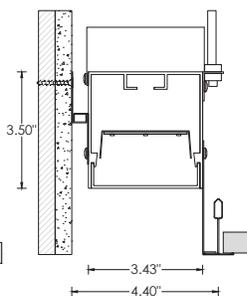
9L - 9/16" LAYIN



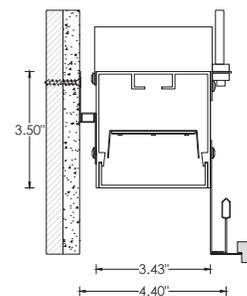
9TG - 9/16" TEGULAR



15L - 15/16" LAYIN



15TG - 15/16" TEGULAR



9ST - 9/16" SLOT TEE TEGULAR

