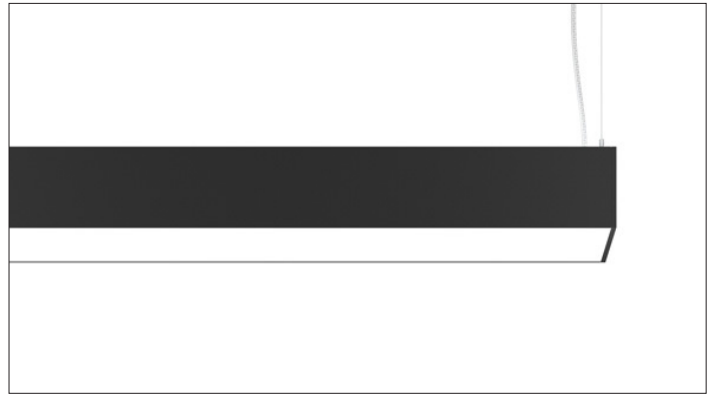


# 3G LIGHTING

## 3G-4PLI-DI

3.5" LINEAR PENDANT  
DIRECT/INDIRECT  
TUNABLE WHITE & RGBW

3.5" aperture with one piece extruded aluminum housing  
Individual or continuous runs available in multiple run configurations  
Direct/Indirect distribution with multiple lumen output options  
LED system with performance up to 156 lumens per watt  
Extruded acrylic lens available in flush, 1" and 2" drop lens options  
Widespread and asymmetric optics available  
1% dimming standard with several integral driver options



**3GT 3GB**

### ORDERING INFORMATION

|                   |                      |              |                      |
|-------------------|----------------------|--------------|----------------------|
| <b>PROJECT:</b>   | <input type="text"/> | <b>TYPE:</b> | <input type="text"/> |
| <b>CATALOG #:</b> | <input type="text"/> | <b>DATE:</b> | <input type="text"/> |

| CAT. NO                              | LED SOURCE   | LUMEN OUTPUT (DIRECT)  | LUMEN OUTPUT (INDIRECT)  | CRI   |
|--------------------------------------|--|--|--|---|
| <b>3G-4PLI-DI</b>                    | <b>TW</b> - TUNABLE WHITE (2700K-6500K)  | <b>L250</b> - LOW OUTPUT (250 LM/FT) <sup>2</sup>  | <b>L250</b> - LOW OUTPUT (250 LM/FT) <sup>2</sup>  | <b>S80</b> - 83+ CRI<br><b>H90</b> - 93+ CRI <sup>1</sup>   |
|                                      | <b>RGBW</b> - INFINITE COLOUR <sup>1</sup> (3500K WHITE)   | <b>L500</b> - MEDIUM OUTPUT (500 LM/FT)  | <b>L500</b> - MEDIUM OUTPUT (500 LM/FT)  |   |
|                                      |  | <b>L750</b> - HIGH OUTPUT (750 LM/FT)  | <b>L750</b> - HIGH OUTPUT (750 LM/FT)  |   |
|                                      |  | <b>L1000</b> - VERY HIGH OUTPUT (1000 LM/FT) <sup>3</sup>  | <b>L1000</b> - VERY HIGH OUTPUT (1000 LM/FT) <sup>3</sup>  |   |
|                                      |  | <b>LC ____</b> - CUSTOM OUTPUT (SPECIFY LM/FT) <sup>4</sup>  | <b>LC ____</b> - CUSTOM OUTPUT (SPECIFY LM/FT) <sup>4</sup>  |   |
|                                      | *Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700)<br>Custom output cannot exceed LC1000<br>Lumen outputs suitable for white LED source only                         | *Specify custom lumen outputs in 50lm increments (ie: LC600, LC650, LC700)<br>Custom output cannot exceed LC1000<br>Lumen outputs suitable for white LED source only |  |   |
| VOLTAGE                              | DRIVER   | LENS OPTION (DIRECT)   | LENS OPTION (INDIRECT)   | FINISH  |
| <b>UNV</b> - 120-277V                | <b>D01</b> - 0-10V (100-0.1%)<br><b>DALI</b> - DALI (eldoLED, 100-1%)<br><b>DMX</b> - DMX (eldoLED, 100-1%) <sup>1</sup><br><b>DHLT</b> - LUTRON SERIES (100-0.1%) (2 CHANNEL TUNABLE WHITE) | <b>FL</b> - FLUSH<br><b>DD1</b> - 1" DROP LENS<br><b>DD2</b> - 2" DROP LENS<br><b>DASY</b> - ASYMMETRIC OPTIC <sup>1</sup>   | <b>FL</b> - FLUSH<br><b>WSO</b> - WIDESPREAD OPTIC <sup>1</sup><br><b>ASY</b> - ASYMMETRIC OPTIC <sup>1,3</sup>  | <b>WH</b> - WHITE<br><b>SV</b> - SILVER<br><b>BK</b> - BLACK<br><br>All mounting canopies provided in white as standard |
| CABLE LENGTH                         | CIRCUITING   | OPTIONS  | LENGTH (FEET)  |   |
| <b>60</b> - 60"<br><b>120</b> - 120" | <b>1C</b> - 1 CIRCUIT<br><b>2C</b> - 2 CIRCUIT   | <b>EMB</b> - INTEGRAL EMERGENCY BATTERY (4' SECTION ONLY) <sup>4</sup><br><b>EMC</b> - EMERGENCY CIRCUIT <sup>4</sup>  | <b>S</b> - ____' (STRAIGHT RUN) <sup>4</sup><br><b>L</b> - ____' X ____' (L-SHAPE)<br><b>U</b> - ____' X ____' X ____' (U-SHAPE)<br><b>R</b> - ____' X ____' (RECTANGLE/SQUARE)<br><b>T</b> - ____' X ____' (T-SHAPE)<br><b>X</b> - ____' X ____' (X-SHAPE)<br><b>CUS</b> - ____ (CUSTOM LAYOUT - PROVIDE DRAWING) |   |
|                                      |  |  | * Individual units available in 2', 3', 4', 5', 6', and 8'<br>Continuous runs available in 1' increments as standard   |   |

<sup>1</sup> RGBW LED source available with S80 (83+CRI) and DMX driver option only. Not available with widespread, asymmetric, or EM options  
<sup>2</sup> 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  
<sup>3</sup> L1000 (1000LM/FT) not available for H90 (93+ CRI) or indirect asymmetric option  
<sup>4</sup> EMB (emergency battery) and EMC (emergency circuit) options available for tunable white LED source only. Not available with RGBW

**3GT** - Tunable White  
**3GB** - RGBW

OCTOBER 9, 2020





**3G-4PLI-DI**  
 3.5" LINEAR PENDANT  
 DIRECT/INDIRECT  
 TUNABLE WHITE & RGBW

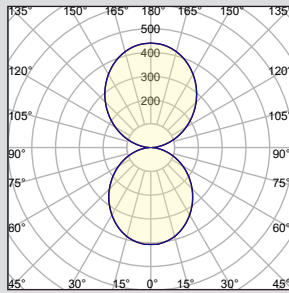
**PERFORMANCE CHART** BASED ON 4' LENGTH WITH FLUSH LENS (TUNABLE WHITE AND 83+ CRI)

| LENS OPTION              | DELIVERED LUMENS (LM/FT) |                   |       | SYSTEM WATTS (W/FT) |          |       | EFFICACY (LPW) |          |       |
|--------------------------|--------------------------|-------------------|-------|---------------------|----------|-------|----------------|----------|-------|
|                          | DIRECT                   | INDIRECT          | TOTAL | DIRECT              | INDIRECT | TOTAL | DIRECT         | INDIRECT | TOTAL |
| <b>2700K</b>             | 250                      | 250               | 500   | 1.9                 | 1.3      | 3.2   | 126            | 162      | 141   |
|                          | 500                      | 500               | 1000  | 3.8                 | 3.0      | 6.8   | 121            | 158      | 137   |
|                          | 750                      | 750               | 1500  | 5.8                 | 4.3      | 10.1  | 119            | 157      | 135   |
|                          | 1000                     | 1000              | 2000  | 8.0                 | 6.2      | 14.2  | 118            | 155      | 134   |
| <b>3500K</b>             | 250                      | 250               | 500   | 1.9                 | 1.3      | 3.2   | 135            | 164      | 147   |
|                          | 500                      | 500               | 1000  | 3.8                 | 3.0      | 6.8   | 130            | 161      | 144   |
|                          | 750                      | 750               | 1500  | 5.8                 | 4.3      | 10.1  | 127            | 161      | 141   |
|                          | 1000                     | 1000              | 2000  | 8.0                 | 6.2      | 14.2  | 123            | 159      | 139   |
| <b>6500K</b>             | 250                      | 250               | 500   | 1.9                 | 1.3      | 3.2   | 147            | 169      | 156   |
|                          | 500                      | 500               | 1000  | 3.8                 | 3.0      | 6.8   | 145            | 165      | 154   |
|                          | 750                      | 750               | 1500  | 5.8                 | 4.3      | 10.1  | 138            | 166      | 150   |
|                          | 1000                     | 1000              | 2000  | 8.0                 | 6.2      | 14.2  | 132            | 164      | 146   |
| <b>EFFICACY (LPW)</b>    | <b>CRI</b>               | <b>Multiplier</b> |       |                     |          |       |                |          |       |
| <b>ADJUSTMENT FACTOR</b> | 93+                      | 0.88              |       |                     |          |       |                |          |       |



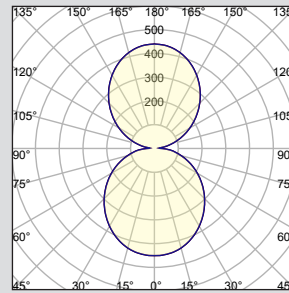
### PHOTOMETRY BASED ON 4' LENGTH (83+ CRI AND 3500K SOURCE)

#### FL + FL - FLUSH (DIRECT) + FLUSH (INDIRECT)



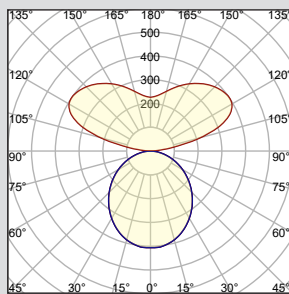
**3G-4PLI-DI-TW-L500-L500-FL-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 6.8W/FT (27.2W)  
 EFFICACY: 144LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: FLUSH (DIRECT)  
 FLUSH (INDIRECT)

#### DD1 + FL - 1" DROP (DIRECT) + FLUSH (INDIRECT)



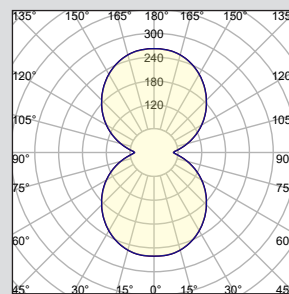
**3G-4PLI-DI-TW-L500-L500-DD1-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 6.8W/FT (27.2W)  
 EFFICACY: 146LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: 1" DROP (DIRECT)  
 FLUSH (INDIRECT)

#### FL + WSO - FLUSH (DIRECT) + WIDESPREAD OPTIC (INDIRECT)



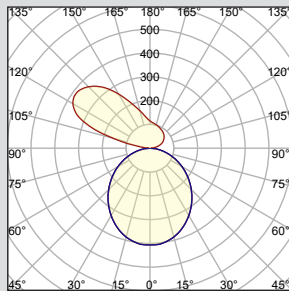
**3G-4PLI-DI-TW-L500-L500-FL-WSO**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 6.8W/FT (27.2W)  
 EFFICACY: 134LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: FLUSH (DIRECT)  
 WSO (INDIRECT)

#### DD2 + FL - 2" DROP (DIRECT) + FLUSH (INDIRECT)



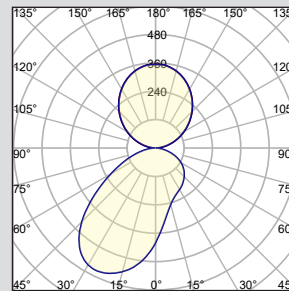
**3G-4PLI-DI-TW-L500-L500-DD2-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 6.8W/FT (27.2W)  
 EFFICACY: 148LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: 2" DROP (DIRECT)  
 FLUSH (INDIRECT)

#### FL + ASY - FLUSH (DIRECT) + ASYMMETRIC (INDIRECT)



**3G-4PLI-DI-TW-L500-L500-FL-ASY**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 6.9W/FT (27.6W)  
 EFFICACY: 110LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: FLUSH (DIRECT)  
 ASY (INDIRECT)

#### DASY + FL - ASYMMETRIC (DIRECT) + FLUSH (INDIRECT)



**3G-4PLI-DI-TW-L500-L500-DASY-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 6.8W/FT (27.2W)  
 EFFICACY: 141LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: DASY (DIRECT)  
 FLUSH (INDIRECT)



**3G-4PLI-DI**  
 3.5' LINEAR PENDANT  
 DIRECT/INDIRECT  
 TUNABLE WHITE & RGBW

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

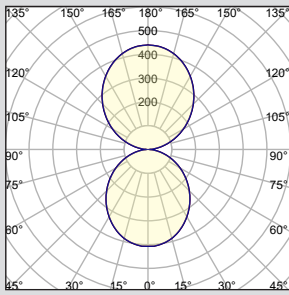
| LENS OPTION              | DELIVERED LUMENS (LM/FT) |          |       | SYSTEM WATTS (W/FT) |          |       | EFFICACY (LPW) |          |       |
|--------------------------|--------------------------|----------|-------|---------------------|----------|-------|----------------|----------|-------|
|                          | DIRECT                   | INDIRECT | TOTAL | DIRECT              | INDIRECT | TOTAL | DIRECT         | INDIRECT | TOTAL |
| <b>DIRECT + INDIRECT</b> |                          |          |       |                     |          |       |                |          |       |
| <b>3500K</b>             | 250                      | 250      | 500   | 2.2                 | 2.2      | 4.4   | 119            | 139      | 129   |
|                          | 500                      | 500      | 1000  | 4.6                 | 4.6      | 9.2   | 113            | 138      | 125   |
|                          | 750                      | 750      | 1500  | 7.8                 | 7.8      | 15.6  | 96             | 133      | 114   |
|                          | 1000                     | 1000     | 2000  | 11.3                | 11.3     | 22.6  | 89             | 127      | 104   |

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



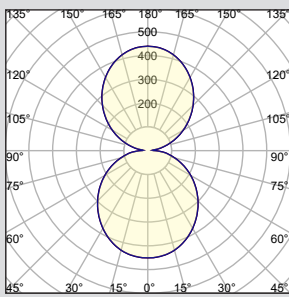
**DRAWINGS AND DIMENSIONS**

**FL + FL - FLUSH (DIRECT) + FLUSH (INDIRECT)**



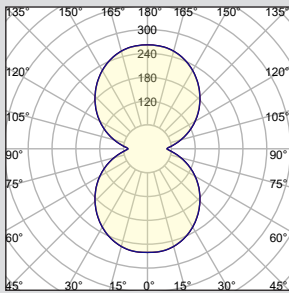
**3G-4PLI-DI-RGBW-L500-L500-FL-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 9.2W/FT (36.8W)  
 EFFICACY: 125LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: FLUSH (DIRECT)  
 FLUSH (INDIRECT)

**DD1 + FL - 1" DROP (DIRECT) + FLUSH (INDIRECT)**



**3G-4PLI-DI-RGBW-L500-L500-DD1-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 9.2W/FT (36.8W)  
 EFFICACY: 127LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: 1" DROP (DIRECT)  
 FLUSH (INDIRECT)

**DD2 + FL - 2" DROP (DIRECT) + FLUSH (INDIRECT)**



**3G-4PLI-DI-RGBW-L500-L500-DD2-FL**  
 DELIVERED LUMENS: 1000LM/FT (4000LM)  
 SYSTEM WATTS: 9.2W/FT (36.8W)  
 EFFICACY: 128LPW  
 CRI: 83+  
 CCT: 3500K  
 LENS OPTION: 2" DROP (DIRECT)  
 FLUSH (INDIRECT)

**TECHNICAL****HOUSING**

Extruded aluminum housing with 3.5" aperture  
Machined aluminum end caps add 1/4" to each end of luminaire  
Individual units and continuous runs available in 1' increments  
24-gauge LED reflector with high reflectance white powder coated finish  
Standard polyester powder coated matte white finish  
Optional finishes available

**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 widespread and asymmetric optics available  
Widespread Optic peak intensity at 120° with optimal distance at 12" from ceiling

**ELECTRICAL**

Luminaires are pre-wired with factory installed quick connects and branch circuit wiring  
Standard 0-10V, constant current drivers with 100-0.1% dimming range and >0.9 power factor  
eldoLED DALI driver option with 100-0.1% dimming range  
eldoLED DMX driver option with 100-0% dimming range  
Lutron T-series 2 channel tunable white driver option with 100-1% dimming range  
All drivers are integral and easily accessible through luminaire aperture  
4' length (direct distribution) for each integral emergency battery. 10W output for 90 minutes

**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**

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  
Adjustable aircraft cable suspension with locking fasteners (60" length standard)  
Standard, 18-gauge, 5 conductor single circuit power feed (clear braided finish)  
All mounting canopies provided in white finish as standard  
Suitable for various architectural ceilings (see mounting details)  
Fixture weight: +/- 3 lb/ft

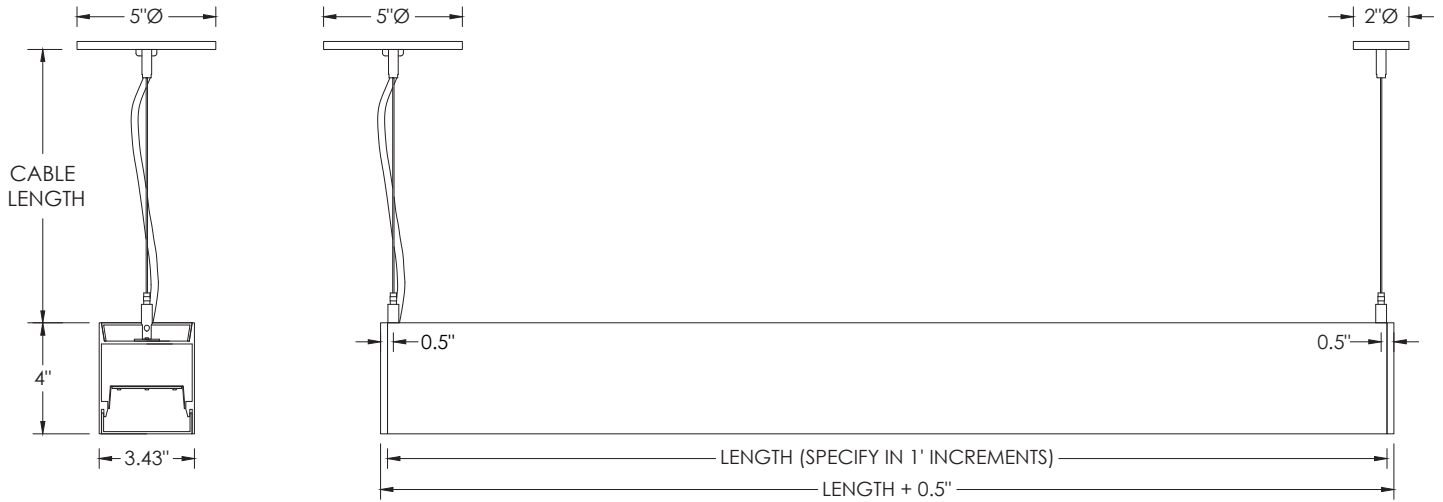
**LISTING**

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

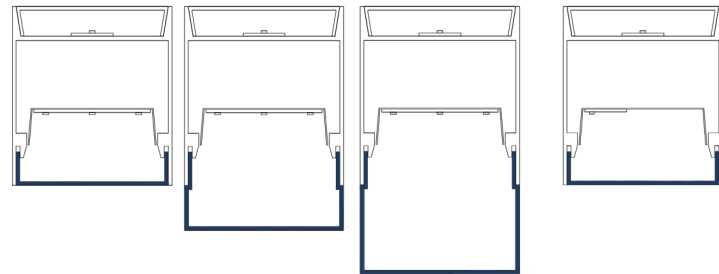
## DRAWINGS AND DIMENSIONS



## LENS OPTION

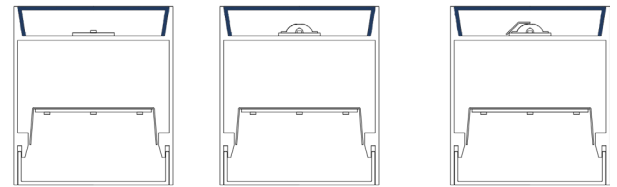
### DIRECT LENS OPTION

**FL - FLUSH**    **DD1 - 1" DROP**    **DD2 - 2" DROP**    **DASY - ASYMMETRIC**



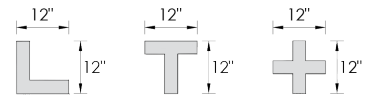
### INDIRECT LENS OPTION

**FL - FLUSH**    **WSO - WIDESPREAD**    **ASY - ASYMMETRIC**



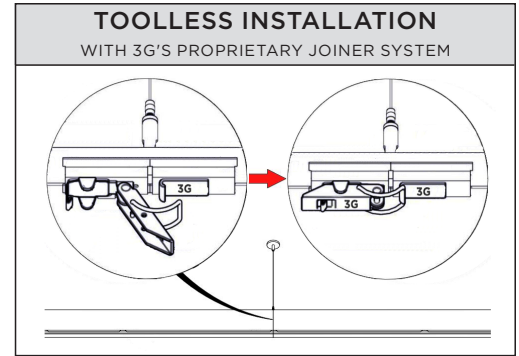
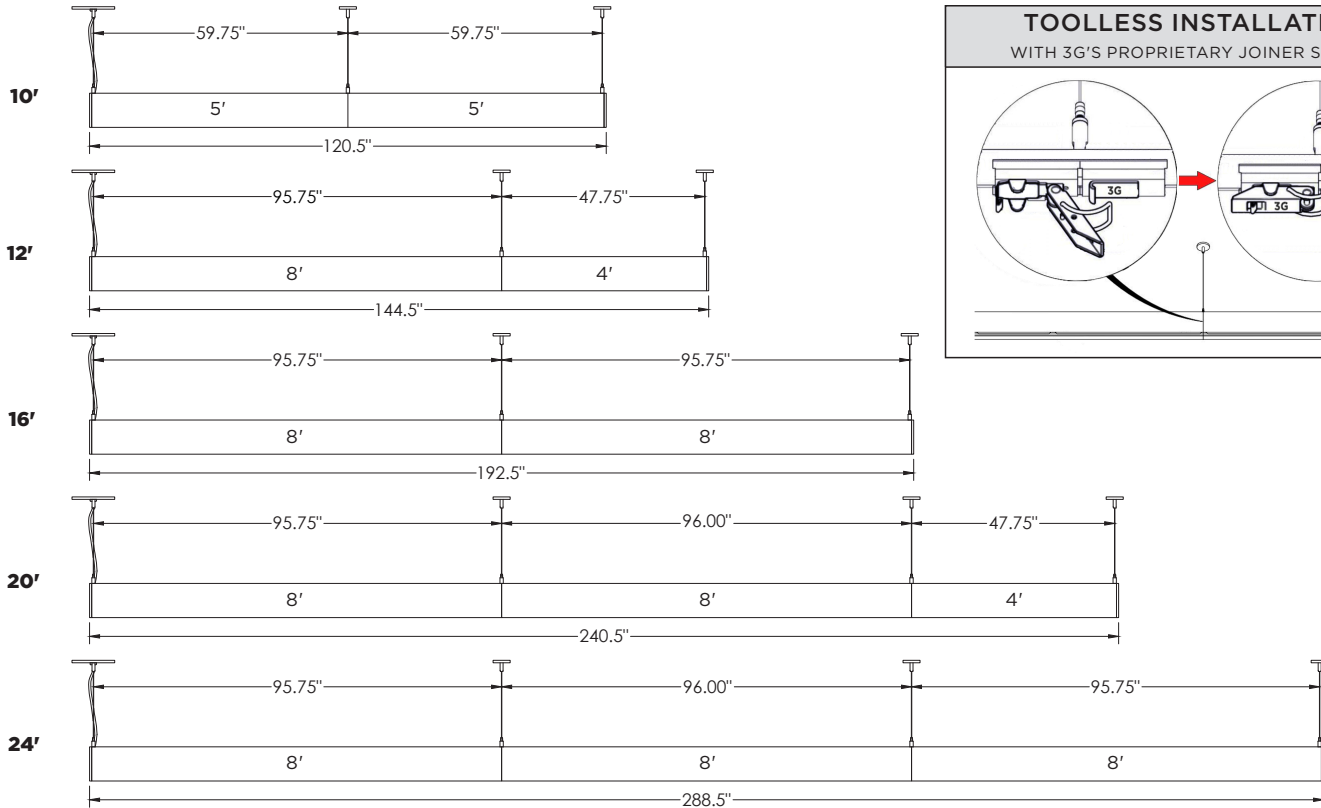
## PATTERNS

Specify pattern shape and overall dimensions as shown below. Available in 1' increments only. Patterns are connected with fully illuminated 12"x12" L, T, and X-shaped sections.



| L-SHAPE  | U-SHAPE  | RECTANGLE/SQUARE  | T-SHAPE   | X-SHAPE  |
|--|--|---|---|--|
| Provide dimensions of AxB<br>Example: <b>L</b> - 6'x8' | Provide dimensions of AxBxC<br>Example: <b>U</b> - 8'x10'x6' | Provide dimensions of AxB<br>Example: <b>R</b> - 10'x8' | Provide dimensions of AxB<br>Example: <b>T</b> - 14'x6' | Provide dimensions of AxB<br>Example: <b>X</b> - 14'x14' |
|  |  |   |   |  |

**TYPICAL SECTION MOUNTING** (AVAILABLE IN 1' INCREMENTS AS STANDARD)



**MOUNTING DETAILS**

