# 3G-1SLI

1.5" LINEAR
SURFACE MOUNTED



Narrow 1.5" aperture with one piece extruded aluminum housing
Individual or continuous runs available in multiple run configurations
Direct distribution with multiple lumen output options
High-efficacy LED performance up to 117 lumens per watt
Delivered lumen range up to 1020 lumens per foot
Extruded acrylic lens available in flush, 1" and 2" drop lens options
Widespread and Asymmetric optics available
1% dimming standard with several driver options

| | | | | | |
|---|---|---|---|---|---|
| **PROJECT:** | | **TYPE:** | | | |
| **CATALOG#:** | | **DATE:** | | **QTY:** | |

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

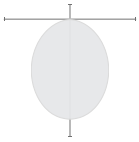
| DRIVER | LENS OPTION | FINISH | OPTIONS |
|---|---|---|---|
| **DIM** - 0-10V (100-1%)<br>**D01** - 0-10V (100-0.1%)<br>**DALI** - DALI (100-1%) [5]<br>**DHL2** - LUTRON HI-LUME (1% ECOSYSTEM)<br>**DMX** - DMX (100-0%) | **FL** - FLUSH LENS<br>**DWSO** - WIDESPREAD LENS (BATWING)<br>**DASY** - ASYMMETRIC LENS | **WH** - WHITE<br>**BK** - BLACK<br>**SV** - SILVER<br><br>All mounting canopies provided in white as standard | **EMB** - EMERGENCY BATTERY * (INTEGRAL)<br>**EMC** - EMERGENCY CIRCUIT<br><br>*Minimum 4' section |

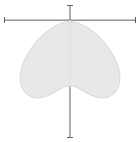
| RUN TYPE |
|---|
| **S** - ____' (STRAIGHT) * |
| **L** - ____'X ____' (L-SHAPE) |
| **U** - ____'X ____'X ____' (U-SHAPE) |
| **R** - ____'X ____' (RECTANGLE/SQUARE) |
| **T** - ____'X ____' (T-SHAPE) |
| **X** - ____'X ____' (X-SHAPE) |
| **CUS** - ____ (CUSTOM LAYOUT - PROVIDE DRAWING) |
| *Individual units available from 2' to 8' Continuous runs available in 1" increments as standard |

**1** D250 (250LM/FT) not available in 2' length. Specify minimum DC350
**2** D1000 (1000LM/FT) not available with H90 (90+ CRI)
**3** S80 (80+ CRI) not available with 27K
**4** 347 available in "DIM" 0-10V only (100-1%)
**5** DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

DELIVERED LUMENS PER FOOT BASED ON 80+ CRI 3500K LED SOURCE

## LENS OPTION

| FLUSH | DELIVERED LUMENS (LM/FT) | SYSTEM WATTS (W/FT) | EFFICACY (LPW) |
|---|---|---|---|
|  | 250 | 2.3 | 107 |
| | 500 | 4.7 | 107 |
| | 750 | 7.0 | 108 |
| | 1000 | 9.6 | 104 |

| WIDESPREAD | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|---|---|---|---|
|  | 250 | 2.2 | 112 |
| | 500 | 4.5 | 112 |
| | 750 | 6.9 | 109 |
| | 1000 | 9.4 | 107 |

| ASYMMETRIC | DELIVERED LUMENS (LM/FT) | SYSTEM WATTS (W/FT) | EFFICACY (LPW) |
|---|---|---|---|
|  | 250 | 2.2 | 112 |
| | 500 | 4.5 | 112 |
| | 750 | 6.5 | 115 |
| | 1000 | 9.0 | 111 |

## LUMEN OUTPUT MULTIPLIERS

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

## HOUSING

Extruded aluminum housing with narrow 1.5" aperture
Die cast aluminum end caps add 1/4" to each end of luminaire
Individual units and continuous runs available in 1" increments as standard
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
High performance asymmetric optics available

## 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

## 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

## MOUNTING

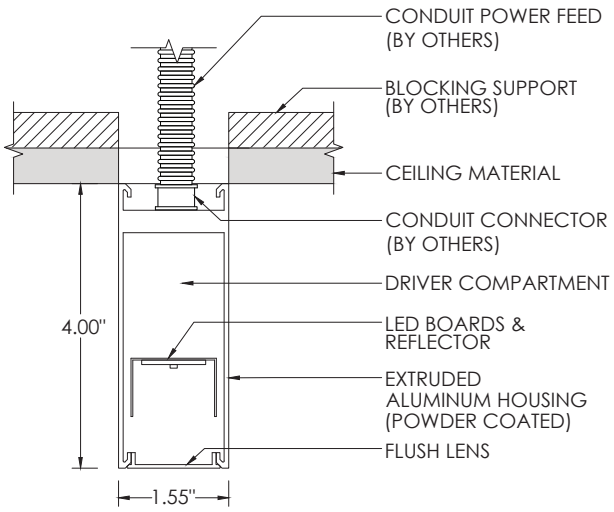
Toolless installation with 3G's proprietary mounting system
Internal, toolless joiner system (latch and hook) easily connects multiple sections together
LED reflectors remain within each fixture section during installation with 3G's click and lock spring system
Not suitable for direct attachment to T-grid framing
Suitable for various architectural ceilings (see mounting details)
Fixture weight: +/- 2.5 lb/ft

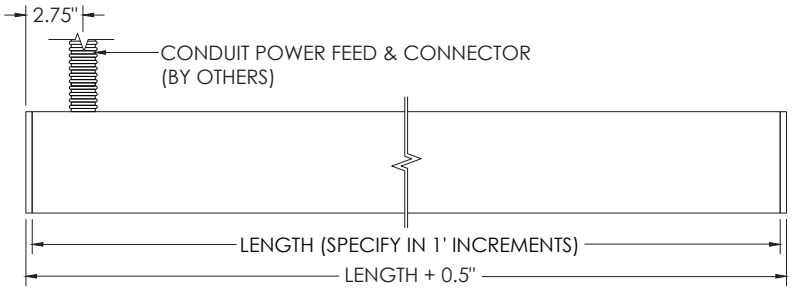
## LISTING

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

## WARRANTY

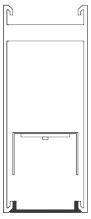
5 Year Warranty on LED and drivers
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
Ambient temperature at fixture should not exceed 25°C



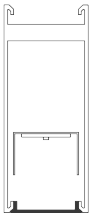




## LENS OPTION

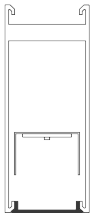
**FL -** FLUSH



**DWSO -** WIDESPREAD

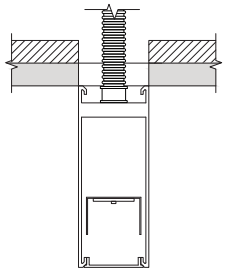


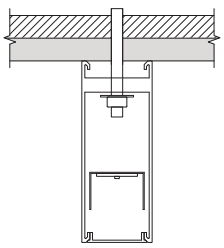
**DASY -** ASYMMETRIC



## MOUNTING DETAILS

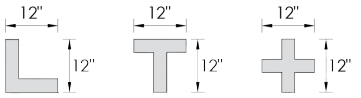
| POWER FEED | NON POWER FEED |
|---|---|
| CONDUIT POWER FEED & CONNECTOR (BY OTHERS) | MOUNTING SCREWS (BY OTHERS) |





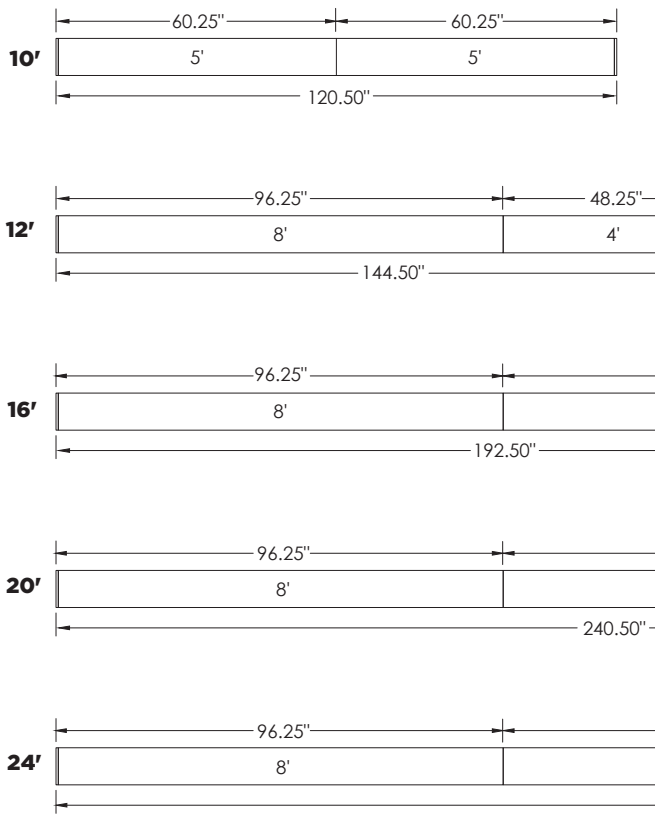
## PATTERNS

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

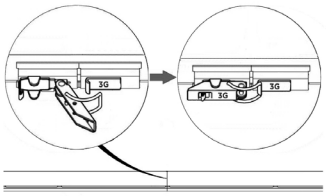



| L-SHAPE | U-SHAPE | RECTANGLE/SQUARE | T-SHAPE | X-SHAPE |
|---|---|---|---|---|
| Provide dimensions of AxB<br>Example: **L** - 6'x8' | Provide dimensions of AxBxC<br>Example: **U** - 8'x10'x6" | Provide dimensions of AxB<br>Example: **R** - 10'x8' | Provide dimensions of AxB<br>Example: **T** - 14'x6'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

## TYPICAL SECTION MOUNTING




**TOOLLESS INSTALLATION**
WITH 3G'S PROPRIETARY JOINER SYSTEM



**NOTE:**
Run lengths and configurations not shown are available in 1" increments as standard