



## 3G-RC1

1 LIGHT RECESSED  
MADISON

Solid aluminum double gimbal with dual axis adjustability  
Standard 95+ CRI LED system with performance up to 127 LPW  
Delivered lumen range per fixture head up to 4366lm at 95+ CRI  
Regressed LED source for enhanced glare control  
10° to 90° beam angle options suitable for various applications  
New construction housing with IC housing option available  
Companion to 3G's Madison product family



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

| CAT. NO | LUMEN OUTPUT                                                                                                                                                                                         | CRI           | COLOR TEMP                                               | BEAM ANGLE                                                                                                                                                 | VOLTAGE                                                 |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 3G-RC1  | 10 - 1000 LUMENS<br>15 - 1500 LUMENS<br>20 - 2000 LUMENS<br>25 - 2500 LUMENS<br>30 - 3000 LUMENS<br>35 - 3500 LUMENS<br>40 - 4000 LUMENS<br><br>All lumen outputs are<br>delivered lumens at 95+ CRI | H95 - 95+ CRI | 27K - 2700K<br>30K - 3000K<br>35K - 3500K<br>40K - 4000K | 10D - 10° <sup>1</sup><br>20D - 20°<br>40D - 40°<br>60D - 60°<br>90D - 90° *<br><br>*90D optic supplied with lens<br>Not available with other lens options | UNV - 120/277V<br>120 - 120V<br>347 - 347V <sup>2</sup> |

| DRIVER                                                                                                                                                                                                          | TRIM FLANGE                                                                               | GIMBAL FINISH                                                   | HOUSING FINISH                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------|
| DIM - 0-10V (100-1%)<br>LE - PHASE DIM <sup>3</sup><br>(TRIAC/ELV, 100-1%)<br>DO1 - 0-10V (100-0.1%)<br>DALI - DALI (100-1%) <sup>4</sup><br>DMX - DMX (100-0%)<br>DHL2 - LUTRON HI-LUME LDE1<br>(1% ECOSYSTEM) | WT - WHITE TRIM<br>BT - BLACK TRIM<br>ST - SILVER TRIM<br>XTR - TRIMLESS (MUD-IN DRYWALL) | NG - NATURAL ALUMINUM<br>BG - BLACK GIMBAL<br>WG - WHITE GIMBAL | BK - BLACK (STANDARD)<br>WH - WHITE<br>CF - CUSTOM |

| HOUSING TYPE                                                   | OPTIONS                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NC - NEW CONSTRUCTION (NON-IC)<br>IC - IC HOUSING <sup>5</sup> | BH - C-CHANNEL BAR HANGERS<br>CP - CHICAGO PLENUM <sup>6</sup><br>EMR - REMOTE EMERGENCY BATTERY <sup>7</sup><br>SF - SOFTENING LENS<br>SB - SANDBLASTED LENS<br>LS - LINEAR SPREAD LENS<br>HXB - BLACK HEXCELL LOUVER<br>STN - NATURAL SNOOT<br>STB - BLACK SNOOT<br>STW - WHITE SNOOT<br><br>*Lens option not available with 90D optic<br>Maximum 3 optical accessories |

<sup>1</sup> 10D reflector available up to 2000lm

<sup>2</sup> 347 available in "DIM" 0-10V only (100-1%)

<sup>3</sup> Phase dimming options available in 120V only

<sup>4</sup> DALI-2 (Type 6) provided as standard

<sup>5</sup> IC housing available up to 2000lm

<sup>6</sup> Chicago Plenum option available with New Construction Housing

<sup>7</sup> Supplied with enclosure with Emergency Battery and driver. Installed remotely by others. Not accessible through fixture aperture

**\*\*** 3G has upgraded our LED system and overall performance at no additional cost. We now offer 95+CRI as standard. All lumen outputs are delivered lumens. This upgraded LED system is more efficient than our previous 80CRI, 90CRI, and 97CRI options. Please see the last page of this spec sheet to cross-reference old lumen outputs with our new, 95+CRI lumen output options

## PERFORMANCE

| LUMEN OUTPUT | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|--------------|------------------|--------------|----------------|
| 1000         | 1000             | 8.7          | 116            |
| 1500         | 1500             | 13.1         | 116            |
| 2000         | 2000             | 18.6         | 108            |
| 2500         | 2500             | 23.2         | 108            |
| 3000         | 3000             | 29.5         | 102            |
| 3500         | 3500             | 34.7         | 101            |
| 4000         | 4000             | 39.5         | 101            |

BASED ON 95+ CRI, 3500K, 40D OPTIC  
Lumen output and actual wattage may vary +/- 5%

## HOUSING

New construction and IC housing options available  
Housing fabricated in cold rolled steel. Standard black powder coated finish  
Maximum ceiling thickness of 1". Consult factory for modifications  
All housing options designed to be easily converted in field to trim or trimless with minimal components  
Housing rated for #12 AWG (4 in, 4 out), 90°C conductors and through branch wiring

## TRIM FLANGE

Features a 3/4" removable trim assembly designed to conceal inner hardware

## TRIMLESS

Aluminum mudding flange features a unique reveal that emulates drywall  
Integral aluminum blocking support provided to ensure fixture is properly secured within ceiling structure

## ADJUSTABILITY

Solid aluminum double gimbal with dual axis adjustability  
Each double gimbal can be locked in place

## OPTICS

Proprietary anodized, aluminum reflectors  
Beam angle available in 10°, 20°, 40° and 60°, and 90°  
Reflectors are field replaceable (10° reflector not interchangeable)

## LED SYSTEM

Standard 95+ CRI  
Color consistency <2 SDCM  
Available in 27K, 30K, 35K, and 40K  
L90 > 50,000 hours

## MULTIPLIERS

| BEAM ANGLE |      |
|------------|------|
| 10D        | 0.92 |
| 20D        | 1.07 |
| 40D        | 1.00 |
| 60D        | 1.00 |
| 90D        | 0.90 |

| COLOR TEMP |      |
|------------|------|
| 2700K      | 0.98 |
| 3000K      | 1.00 |
| 3500K      | 1.00 |
| 4000K      | 1.02 |

## ELECTRICAL

Standard 0-10V, constant current drivers  
100-1% dimming range and >0.9 power factor  
Standard 120/277V universal voltage with several driver options  
120V Forward Phase/Reverse Phase driver option (100-1%)  
Integral drivers are easily accessible through luminaire aperture

## EMERGENCY

7W output for 90 minutes (One fixture head +/- 850lm at 95+ CRI)  
Title 24 Certified  
Remote emergency battery not accessible through fixture aperture  
Maximum remote mounting distance:  
3000lm or below - 50ft (12AWG) or 25ft (14AWG)  
Above 3000lm - 30ft (12AWG) or 20ft (14AWG)  
Caution: Emergency Battery utilizes more than one power source and servicing should be performed by qualified personnel

## MOUNTING

Trim fixture designed for use in drywall, wood, acoustic, and other architectural ceilings  
Trimless fixture designed for use in drywall, mud-in ceiling applications  
Optional C-Channel bar hangers available  
Butterfly brackets compatible with 1/2" x 1/2" channel, 1/2", 5/8", 3/4" bar hanger, 1/2" EMT, and furring strips (supplied by others)

## LISTING

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

## WARRANTY

5 year limited warranty  
LED system rated for operation in ambient environments up to 25°C

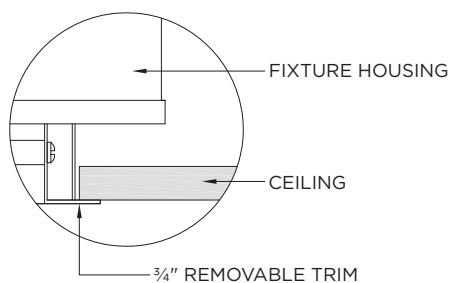
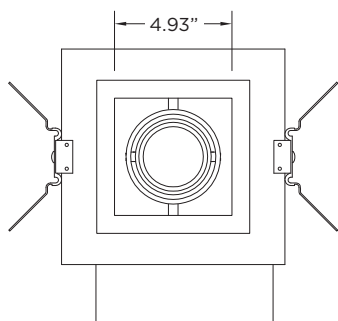
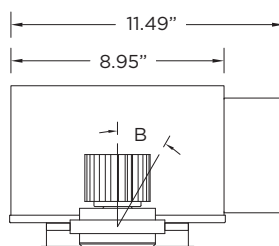
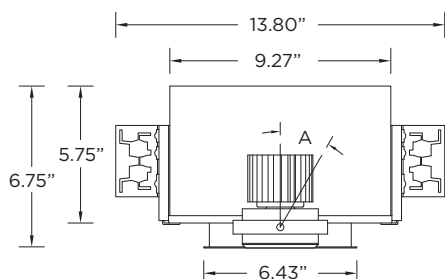
## TRIM HOUSING OPTIONS

**NC** - NEW CONSTRUCTION (NON-IC)

**IC** - IC HOUSING (2500LM MAX)

**CP** - CHICAGO PLENUM HOUSING

| LUMEN OUTPUT | A   | B   |
|--------------|-----|-----|
| Up to 2500lm | 45° | 45° |
| 3000lm       | 25° | 45° |
| 4000lm       | 20° | 30° |



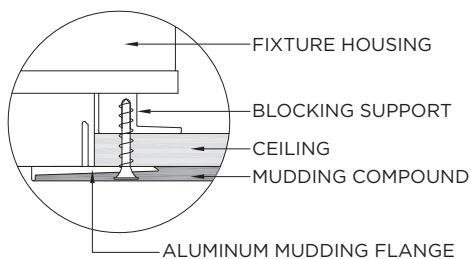
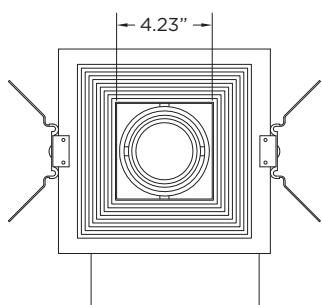
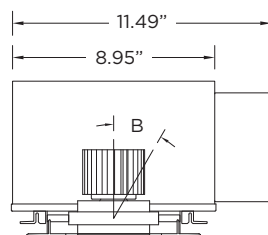
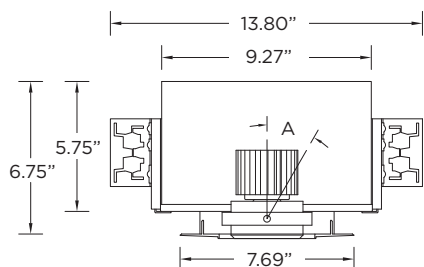
## TRIMLESS HOUSING OPTIONS

**NC** - NEW CONSTRUCTION (NON-IC)

**IC** - IC HOUSING (2500LM MAX)

**CP** - CHICAGO PLENUM HOUSING

| LUMEN OUTPUT | A   | B   |
|--------------|-----|-----|
| Up to 2500lm | 45° | 45° |
| 3000lm       | 25° | 45° |
| 4000lm       | 20° | 30° |



## LUMEN OUTPUT REFERENCE CHART

3G has upgraded our LED system and overall performance at no additional cost. We now offer 95+CRI as standard. All lumen outputs are delivered lumens. This new LED system is more efficient than our previous 80CRI, 90CRI, and 97CRI options. Please use these charts to cross-reference old lumen outputs with our new, 95+CRI lumen output options

### 80CRI REFERENCE CHARTS

MATCH THE GRADIENT SHADE FROM THE OLD LUMEN OUTPUT CHART TO THE NEW LUMEN OUTPUT OPTION

| OLD 80CRI SPECS |                  |              |                |
|-----------------|------------------|--------------|----------------|
| LUMEN OUTPUT    | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
| 1000            | 1080             | 10.3         | 105            |
| 1500            | 1444             | 14.0         | 103            |
| 2200            | 2089             | 22.0         | 95             |
| 3000            | 2815             | 31.1         | 90             |
| 4000            | 3958             | 43.0         | 92             |

| NEW 95+CRI SPECS |                  |              |                |
|------------------|------------------|--------------|----------------|
| LUMEN OUTPUT     | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
| 1000             | 1000             | 8.1          | 123            |
| 1500             | 1500             | 12.3         | 122            |
| 2000             | 2000             | 16.2         | 123            |
| 2500             | 2500             | 20.5         | 122            |
| 3000             | 3000             | 25.8         | 116            |
| 4000             | 4000             | 34.2         | 117            |

### 90CRI REFERENCE CHARTS

MATCH THE GRADIENT SHADE FROM THE OLD LUMEN OUTPUT CHART TO THE NEW LUMEN OUTPUT OPTION

| OLD 90CRI SPECS |                  |              |                |
|-----------------|------------------|--------------|----------------|
| LUMEN OUTPUT    | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
| 1000            | 951              | 10.3         | 92             |
| 1500            | 1271             | 14.0         | 91             |
| 2200            | 1838             | 22.0         | 84             |
| 3000            | 2477             | 31.1         | 79             |
| 4000            | 3483             | 43.0         | 81             |

| NEW 95+CRI SPECS |                  |              |                |
|------------------|------------------|--------------|----------------|
| LUMEN OUTPUT     | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
| 1000             | 1000             | 8.1          | 123            |
| 1500             | 1500             | 12.3         | 122            |
| 2000             | 2000             | 16.2         | 123            |
| 2500             | 2500             | 20.5         | 122            |
| 3000             | 3000             | 25.8         | 116            |
| 4000             | 4000             | 34.2         | 117            |

Declare® is a product transparency program administered by the International Living Future Institute (ILFI), providing standardized disclosure of product ingredients, manufacturing location, service life, end-of-life pathways, and Living Building Challenge compliance status.

### PRODUCT FAMILY COVERAGE — DOWNLIGHTS

Recessed downlights for general, accent, and wall wash applications. Available in fixed and adjustable configurations with multiple beam angles, lumen packages, 95+ CRI as standard, low-glare/UGR-rated options, and multiple trim conditions. Options include adjustable modules, dual-axis gimbals, and low-glare multicell optics.

### LBC RED LIST FREE

This product family carries a Declare® designation of LBC Red List Free, the highest designation within the Declare program. Products with this designation contain no intentionally added Red List chemicals above applicable Declare reporting thresholds and have been evaluated against the Living Building Challenge Red List.



### BUILDING CERTIFICATION PROGRAMS

Material transparency documentation is increasingly requested as part of building certification programs and owner standards. Declare labels may be used as supporting documentation for project teams pursuing:

- Living Building Challenge (LBC)
- WELL Building Standard™ v1
- WELL Building Standard™ v2
- LEED®
- Other material disclosure and material health initiatives

Project certification requirements are determined at the building level and should be evaluated by the project team.

# Declare.

## Downlight Products 3G Lighting

**Final Assembly:** Woodbridge, Ontario, Canada

**Life Expectancy:** 7+ Year(s)

**End of Life Options:** Recyclable (95%), Landfill (5%)

### Ingredients:

Steel, cold roll UNS G10080; Aluminum UNS A96063; Aluminum; Pulp, cellulose; Nylon 6; 2-Propenoic acid, butyl ester, polymer with ethenylbenzene and 2-propenenitrile; Carbonic dichloride, polymer with 4,4'-(1-methylethylidene)bis[phenol]; Paper; Soda lime; Starch, base-hydrolyzed, borated; Magnesium; 2,4,8,10-Tetraoxa-3,9-diphosphaspiro[5.5]undecane, 3,9-bis[2,4-bis(1,1-dimethylethyl)phenoxy]-; Silicon; Vinyl acetate; 1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-; Chromium, metallic

### Living Building Challenge Criteria: Compliant

#### I-13 Red List:

- |                                                       |                             |
|-------------------------------------------------------|-----------------------------|
| <input checked="" type="checkbox"/> LBC Red List Free | % Disclosed: 100% at 100ppm |
| <input type="checkbox"/> LBC Red List Approved        | VOC Content: Not Applicable |
| <input type="checkbox"/> Declared                     |                             |

**I-10 Interior Performance:** Not Applicable

**I-14 Responsible Sourcing:** Not Applicable

GLG-0004

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