



## 3G-RC1

1 LIGHT MADISON  
DYNAMIC WHITE

New construction housing with IC housing option available

Trim fixture designed to conceal internal hardware

Trimless fixture features a proprietary aluminum mudding flange

Machined aluminum double gimbals. Adjustable and lockable

2.75" Regressed LED source for enhanced glare control

Dim to Warm and Tunable White LED options up to 2000lm (90+ CRI)

1% dimming standard with several integral driver options



3GD 3GT

### ORDERING INFORMATION

PROJECT:

TYPE:

CATALOG #:

DATE:

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE	VOLTAGE
3G-RC1	DW - DIM TO WARM (1800-3000K) TW - TUNABLE WHITE <sup>1</sup> (2700K-6500K)	08 - 800 LUMENS 12 - 1200 LUMENS 20 - 2000 LUMENS	H90 - 90+ CRI	10D - 10° <sup>2</sup> 20D - 20° 40D - 40° 60D - 60° 90D - 90° *	UNV - 120/277V 120 - 120V 347 - 347V (0-10V ONLY)

\* 90D reflector supplied  
standard with lens

DRIVER	FLANGE TYPE	GIMBAL FINISH	HOUSING INTERIOR
DIM - 0-10V (STANDARD 100-1%) LE - PHASE DIMMING <sup>3</sup> (TRIAC/ELV, 100-1%) D01 - 0-10V (eidoLED, 100-0.1%) <sup>1</sup> DALI - DALI (eidoLED, 100-1%) <sup>1,4</sup> DHL2 - LUTRON HI-LUME LDE1 (1% ECOSYSTEM) DMX - DMX (eidoLED, 100-0%) <sup>1</sup>	WT - WHITE TRIM (STANDARD) ST - SILVER TRIM BT - BLACK TRIM CT - CUSTOM XTR - TRIMLESS (MUD-IN DRYWALL)	NG - NATURAL ALUMINUM BG - BLACK WG - WHITE	BK - BLACK (STANDARD) WH - WHITE CF - CUSTOM

HOUSING TYPE	OPTIONS
NC - NEW CONSTRUCTION (NON-IC) IC - IC HOUSING	CP - CHICAGO PLENUM BH - BAR HANGERS SF70 - SOFTENING LENS LS70 - LINEAR SPREAD HXB70 - BLACK HEXCELL LOUVER EMR - EMERGENCY BATTERY <sup>5</sup>  Maximum 3 optical accessories. See optical accessories page for more options

<sup>1</sup> Tunable White option available with D01, DALI and DMX drivers

<sup>2</sup> 10D reflector available with 800 lumen output only

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

<sup>4</sup> DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

<sup>5</sup> Fixture operates at 6500K in emergency mode. Emergency battery installed remotely by others. Not accessible through the inside of the fixture

3GD - Warm Dim

3GT - Tunable White

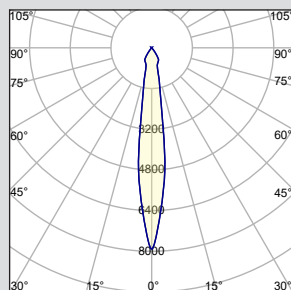
DECEMBER 14, 2023

### PERFORMANCE CHART BASED ON 20° BEAM AND 3000K SOURCE

DIM TO WARM LUMEN OUTPUT	90+ CRI (3000K)		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
800LMs	N/A	N/A	N/A
1200LMs	1136	15.4	74
2000LMs	1593	23.2	69

### PHOTOMETRY

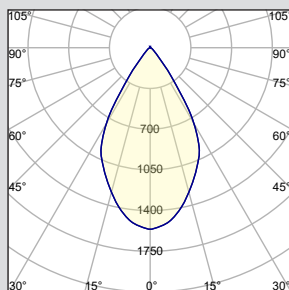
#### 10D - 10° BEAM ANGLE



##### 3G-RC1-DW-08-H90-10D

LUMEN OUTPUT: 800LMs  
 DELIVERED LUMENS: 759LMs  
 SYSTEM WATTS: 10.3W  
 EFFICACY: 74LPW  
 CRI: 90+  
 CCT: 3000K

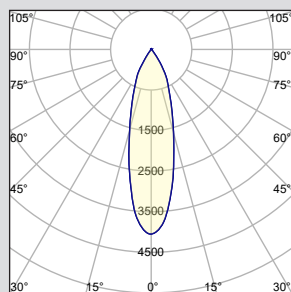
#### 60D - 60° BEAM ANGLE



##### 3G-RC1-DW-12-H90-60D

LUMEN OUTPUT: 1200LMs  
 DELIVERED LUMENS: 1091LMs  
 SYSTEM WATTS: 15.4W  
 EFFICACY: 71LPW  
 CRI: 90+  
 CCT: 3000K

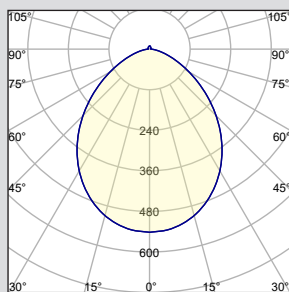
#### 20D - 20° BEAM ANGLE



##### 3G-RC1-DW-12-H90-20D

LUMEN OUTPUT: 1200LMs  
 DELIVERED LUMENS: 1136LMs  
 SYSTEM WATTS: 15.4W  
 EFFICACY: 74LPW  
 CRI: 90+  
 CCT: 3000K

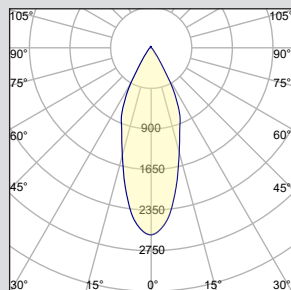
#### 90D - 90° BEAM ANGLE



##### 3G-RC1-DW-12-H90-90D

LUMEN OUTPUT: 1200LMs  
 DELIVERED LUMENS: 1003LMs  
 SYSTEM WATTS: 15.4W  
 EFFICACY: 65LPW  
 CRI: 90+  
 CCT: 3000K

#### 40D - 40° BEAM ANGLE



##### 3G-RC1-DW-12-H90-40D

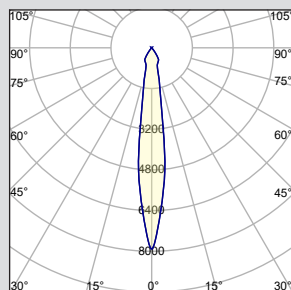
LUMEN OUTPUT: 1200LMs  
 DELIVERED LUMENS: 1064LMs  
 SYSTEM WATTS: 15.4W  
 EFFICACY: 69LPW  
 CRI: 90+  
 CCT: 3000K

### PERFORMANCE CHART BASED ON 20° BEAM

TUNABLE WHITE LUMEN OUTPUT	90+ CRI (2700K)			90+ CRI (3500K)			90+ CRI (6500K)		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
800LMs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1200LMs	1066	16.6	64	1091	16.6	66	1221	16.6	74
2000LMs	1491	24.5	61	1561	24.5	64	1684	24.5	69

### PHOTOMETRY

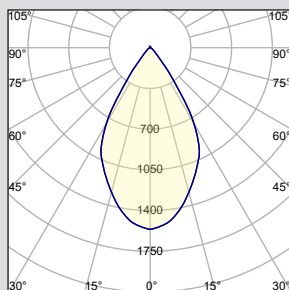
#### 10D - 10° BEAM ANGLE



#### 3G-RC1-TW-08-H90-10D

LUMEN OUTPUT: 800LMs  
 DELIVERED LUMENS: 789LMs  
 SYSTEM WATTS: 12.6W  
 EFFICACY: 63LPW  
 CRI: 90+  
 CCT: 3500K

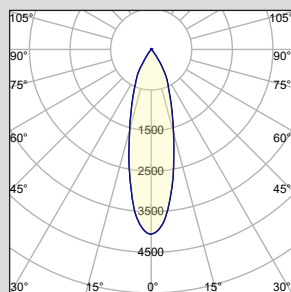
#### 60D - 60° BEAM ANGLE



#### 3G-RC1-TW-12-H90-60D

LUMEN OUTPUT: 1200LMs  
 DELIVERED LUMENS: 1110LMs  
 SYSTEM WATTS: 24.5W  
 EFFICACY: 67LPW  
 CRI: 90+  
 CCT: 3500K

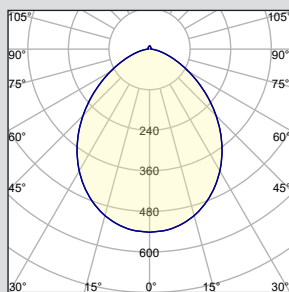
#### 20D - 20° BEAM ANGLE



#### 3G-RC1-TW-12-H90-20D

LUMEN OUTPUT: 1200LMs  
 DELIVERED LUMENS: 1091LMs  
 SYSTEM WATTS: 24.5W  
 EFFICACY: 66LPW  
 CRI: 90+  
 CCT: 3500K

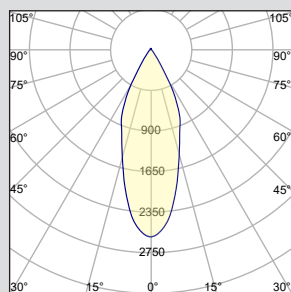
#### 90D - 90° BEAM ANGLE



#### 3G-RC1-TW-12-H90-90D

LUMEN OUTPUT: 1200LMs  
 DELIVERED LUMENS: 1022LMs  
 SYSTEM WATTS: 24.5W  
 EFFICACY: 62LPW  
 CRI: 90+  
 CCT: 3500K

#### 40D - 40° BEAM ANGLE



#### 3G-RC1-TW-12-H90-40D

LUMEN OUTPUT: 1200LMs  
 DELIVERED LUMENS: 1027LMs  
 SYSTEM WATTS: 24.5W  
 EFFICACY: 62LPW  
 CRI: 90+  
 CCT: 3500K

**TECHNICAL****HOUSING**

New construction housing with IC housing option 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  
Housings are rated for #12 AWG, (4 in, 4 out), 90°C conductors and through branch wiring

**TRIM**

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**

Regressed LED source for enhanced glare control  
Proprietary anodized, aluminum reflectors are field replaceable (10° reflector not interchangeable)  
Available in 10°, 20°, 40°, 60° and 90°

**ELECTRICAL**

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor  
Standard 120/277V universal voltage drivers. Optional 347V, 0-10V drivers  
120V Forward Phase/Reverse Phase driver option with 100-1% dimming range  
eldoLED 0-10V driver option available with 100-0.01% dimming range  
eldoLED DALI and Lutron EcoSystem driver options available with 100-1% dimming range  
DMX driver option available with 100-0% dimming range  
All drivers are integral and easily accessible through fixture aperture

**LED SYSTEM**

Bridgelux LED module (field replaceable)  
Color consistency <3 SDCM  
Standard 90+ CRI  
Dim to Warm (1800K-3000K)  
Tunable White (2700K-6500K)  
L70 >50,000 hours  
5 Year Warranty

**MOUNTING**

Trim fixture designed for use in drywall, wood, acoustic ceiling tiles, and other architectural ceiling materials  
Trimless fixture designed for use in drywall, mud-in ceiling applications  
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 indoor dry or damp locations

**WARRANTY**

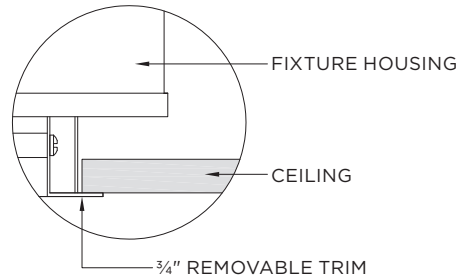
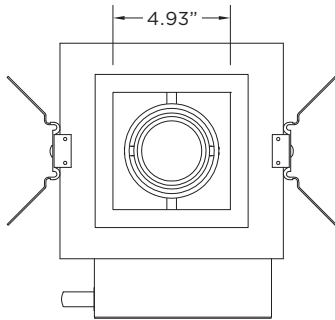
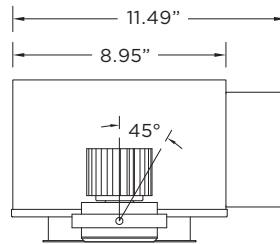
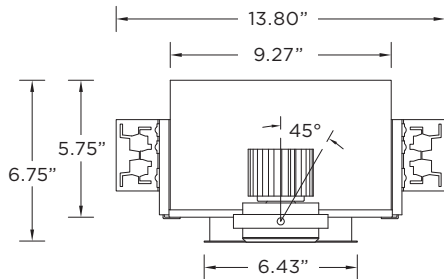
5 Year Warranty on LED and drivers  
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use  
Ambient temperature at fixture should not exceed 25°C

### TRIM HOUSING OPTIONS

**NC** - New Construction (Non-IC)

**IC** - IC Housing

**CP** - Chicago Plenum Housing



### TRIMLESS HOUSING OPTIONS

**NC** - New Construction (Non-IC)

**IC** - IC Housing

**CP** - Chicago Plenum Housing

