

3G LIGHTING

3G-RC1-5RD

5" ROUND 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

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

| CAT. NO | LED SOURCE | LUMEN OUTPUT | CRI | BEAM ANGLE | VOLTAGE |
|-------------------|---|--|----------------------|---|--|
| 3G-RC1-5RD | DW - DIM TO WARM (1800K-3000K) TW - TUNABLE WHITE ¹ (2700K-6500K) | 08 - 800 LUMENS 12 - 1200 LUMENS 20 - 2000 LUMENS | H90 - 90+ CRI | 10D - 10° 20D - 20° ² 40D - 40° 60D - 60° 90D - 90° | UNV - 120/277V 120 - 120V 347 - 347V ³ |

| DRIVER | FLANGE TYPE | GIMBAL FINISH | HOUSING INTERIOR |
|--|---|--|-------------------|
| DIM - 0-10V (100-1%) LE - PHASE DIM ⁴ (TRIAC/ELV, 100-1%) DO1 - 0-10V (100-0.1%) ¹ DALI - DALI (100-1%) ^{1,5} DHL2 - LUTRON HI-LUME (1% ECOSYSTEM) DMX - DMX (100-0%) ¹ | WT - WHITE TRIM BT - BLACK TRIM ST - SILVER TRIM CT - CUSTOM XTR - TRIMLESS (MUD-IN DRYWALL) | NG - NATURAL ALUMINUM BG - BLACK GIMBAL WG - WHITE GIMBAL | BK - BLACK |

| HOUSING TYPE | OPTIONS |
|--|---|
| NC - NEW CONSTRUCTION (NON-IC) IC - IC HOUSING | HXB - BLACK HEXCELL LOUVER LS - LINEAR SPREAD LENS PM - PRISMATIC LENS SF - SOFTENING LENS CP - CHICAGO PLENUM BH - C-CHANNEL BAR HANGERS EMR - EMERGENCY BATTERY ⁶ (REMOTE) *Maximum 3 optical accessories |

¹ Tunable White option available with DO1, DALI and DMX drivers

² 10D reflector available with 800 lumen output only

³ 347 available in "DIM" 0-10V only (100-1%)

⁴ Phase dimming options available in 120V only

⁵ DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

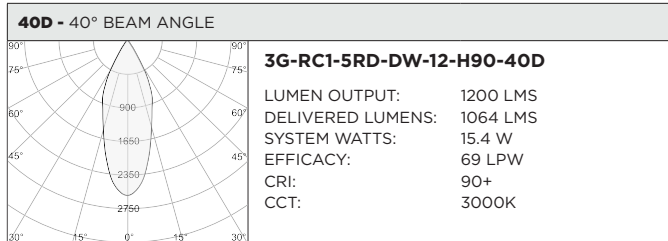
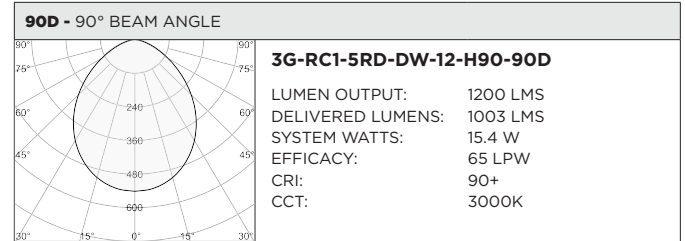
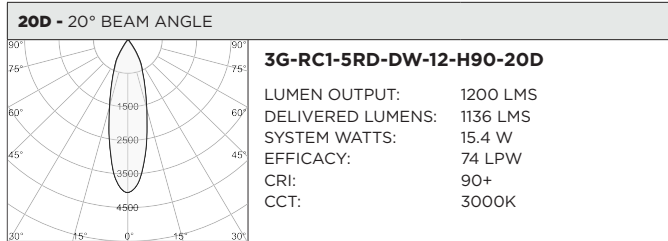
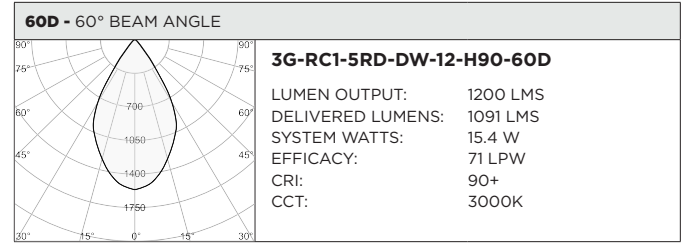
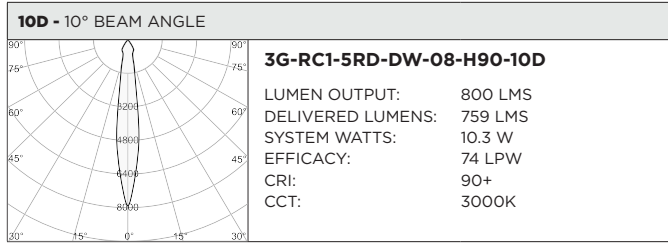
⁶ Fixture operates at 6500K in emergency mode. Emergency battery installed remotely by others. Not accessible through the inside of the fixture

3GD - Warm Dim

3GT - Tunable White

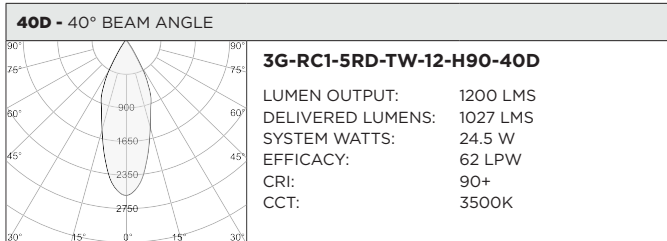
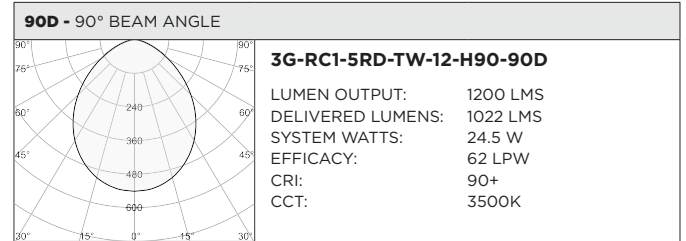
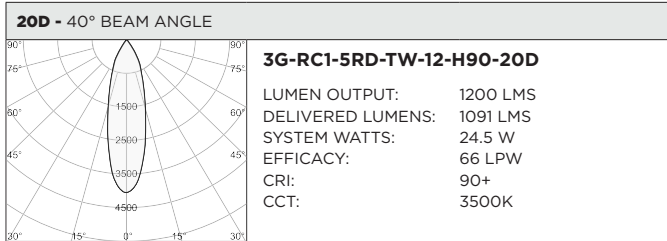
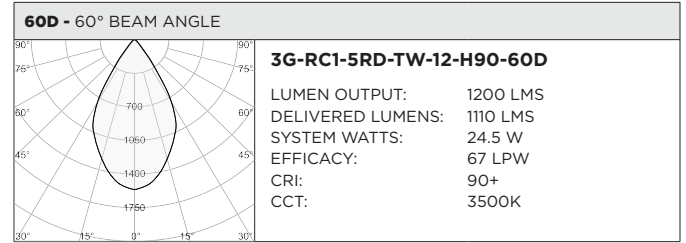
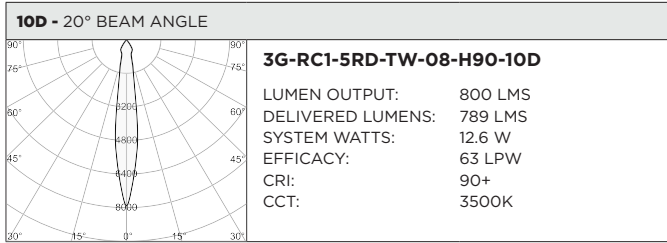
BASED ON 20° BEAM ANGLE AND 3000K

| 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 |



BASED ON 20° BEAM ANGLE

| 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 |



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
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

Mudding flange with integral blocking support
Machined aluminum insert with seamless ceiling integration

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°

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

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

EMERGENCY

Remote emergency battery installed by others (not accessible through fixture aperture)
7W output for 90 minutes (+/- 700lm at 80+ CRI)
CA Title 24 Certified
Maximum remote mounting distance:
50ft (12AWG) or 25ft (14AWG) for fixtures operating at 3000lm or below
30ft (12AWG) or 20ft (14AWG) for fixtures operating above 3000lm
Caution: Emergency Battery utilizes more than one power source and servicing should be performed by qualified personnel

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

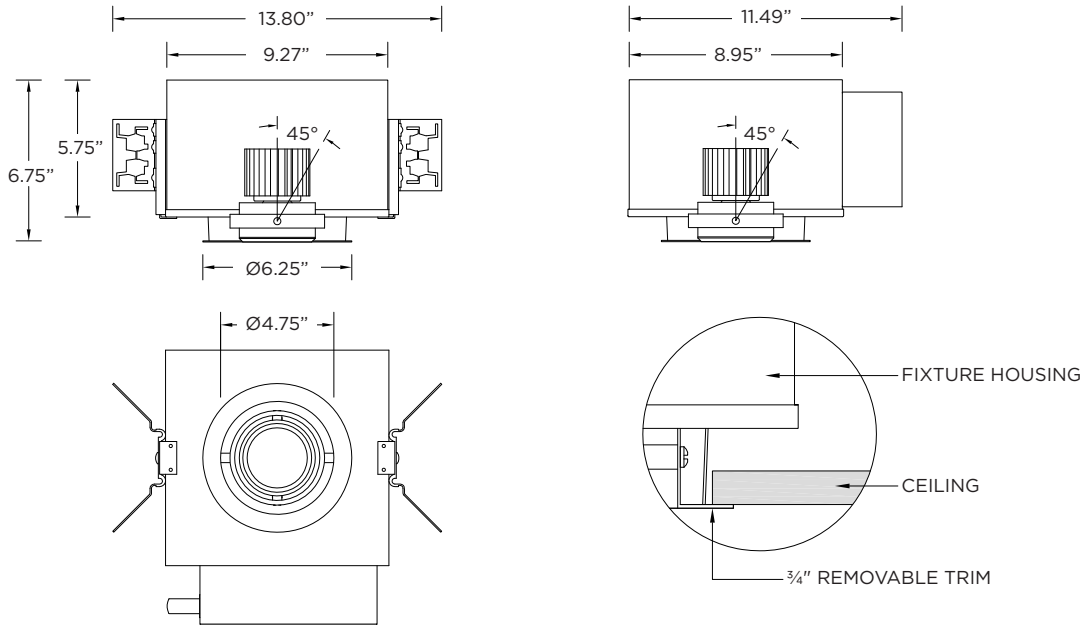
Trim fixture designed for use in drywall, wood, acoustic ceiling tiles, and other architectural ceiling materials
Trimless fixture designed for use in drywall, mud-in ceiling applications
Butterfly brackets compatible with 1/2" x 1/2" channel, 1/2", 5/8", 3/4" bar hanger, 1/2" EMT, and furring strips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

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

