

3G LIGHTING

3G-RC4SQ

4 LIGHT SQUARE MADISON
DYNAMIC WHITE



New construction housing

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-RC4SQ	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° ² 20D - 20° 40D - 40° 60D - 60° 90D - 90° *90D reflector supplied standard with lens	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 WH - WHITE CF - CUSTOM

HOUSING TYPE	OPTIONS
NC - NEW CONSTRUCTION HOUSING	2C - 2 CIRCUIT HXB - BLACK HEXCELL LOUVER LS - LINEAR SPREAD LENS PM - PRISMATIC LENS SF - SOFTENING LENS STB - BLACK SNOOT STN - NATURAL SNOOT 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

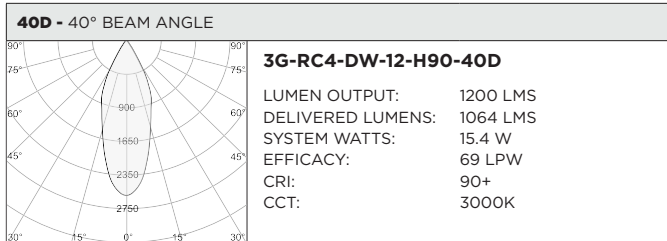
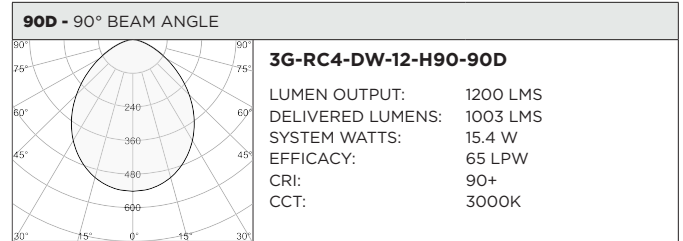
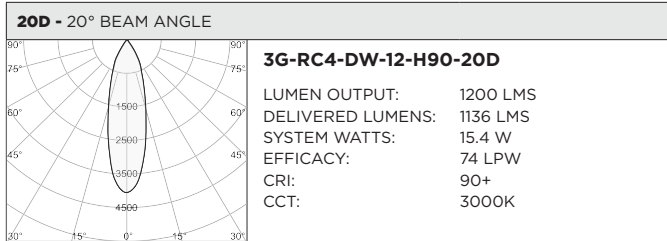
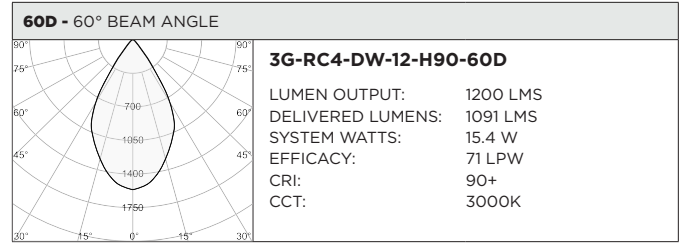
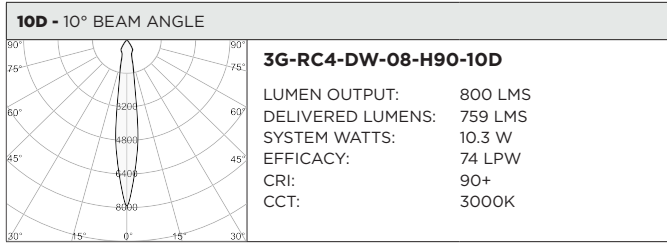
⁶ Fixture operates at 6500K in emergency mode. Emergency battery installed remotely by others. Not accessible through the inside of the fixture

3GD - Warm Dim

3GT - Tunable White

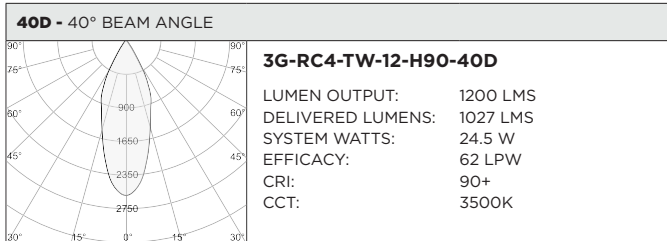
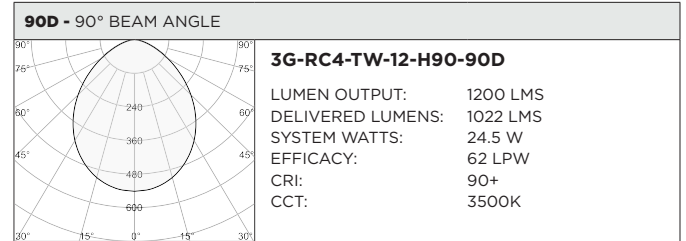
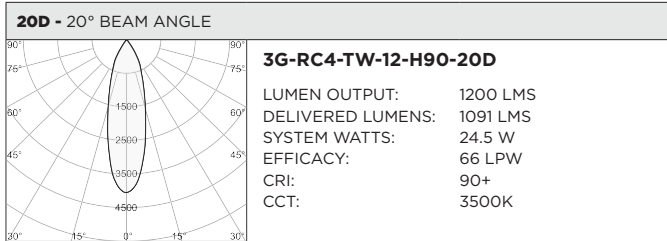
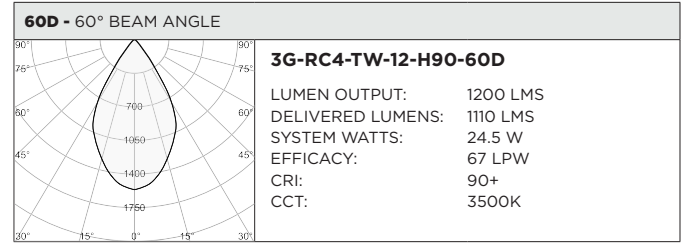
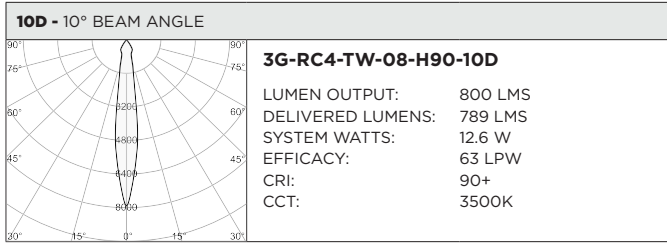
BASED ON 20° BEAM ANGLE AND 3000K (PER FIXTURE HEAD)

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 (PER FIXTURE HEAD)

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 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°

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

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

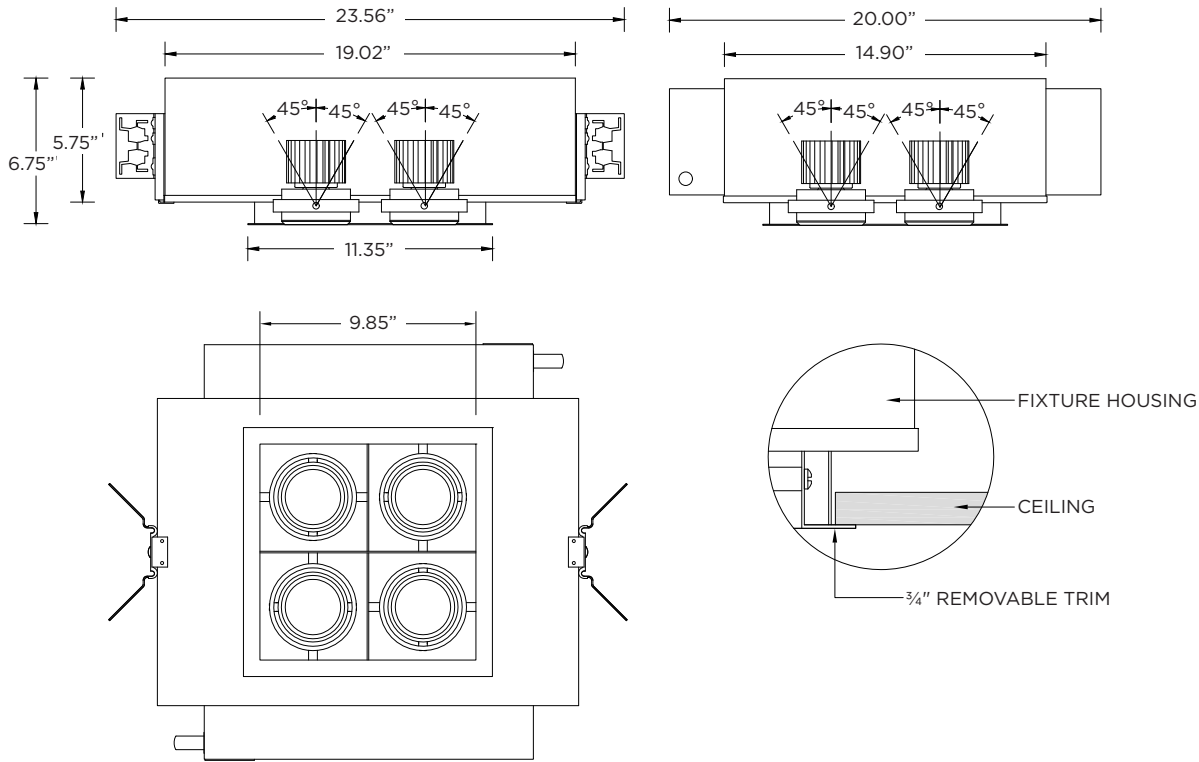
MOUNTING

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



TRIMLESS HOUSING OPTIONS

