3G LIGHTING

3G-RC4SQ

4 LIGHT SQUARE MADISON
TRIM & TRIMLESS

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
Regressed LED source for enhanced glare control
Lumen range up to 4000lm (80+, 90+, and 97+ CRI options)
1% dimming standard with several integral driver options

PROJECT:		TYPE:	
CATALOG#:		DATE:	QTY:

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE	VOLTAGE
3G-RC4SQ	**10 -** 1000 LUMENS **15 -** 1500 LUMENS **22 -** 2200 LUMENS **30 -** 3000 LUMENS **40 -** 4000 LUMENS	**S80 -** 80+ CRI [1] **H90 -** 90+ CRI **H97 -** 97+ CRI [1]	**27K -** 2700K **30K -** 3000K **35K -** 3500K **40K -** 4000K	**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%) **D01 -** 0-10V (100-0.1%) **DALI -** DALI (100-1%) [5] **DHL2 -** LUTRON HI-LUME (1% ECOSYSTEM) **DMX -** DMX (100-0%)	**WT -** WHITE TRIM **ST -** SILVER TRIM **BT -** BLACK TRIM **CT -** CUSTOM **XTR -** TRIMLESS (MUD-IN DRYWALL)	**NG -** NATURAL ALUMINUM **BG -** BLACK GIMBAL **WG -** WHITE GIMBAL	**BK -** BLACK **WH -** WHITE **CF -** CUSTOM

OPTIONS

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.
See optical accessories page for more options

1 S80 not available in 27K. H97 available in 30K and 35K as standard and available up to 3000lm

2 10D reflector available up to 2200lm

3 347 available in "DIM" 0-10V only (100-1%)
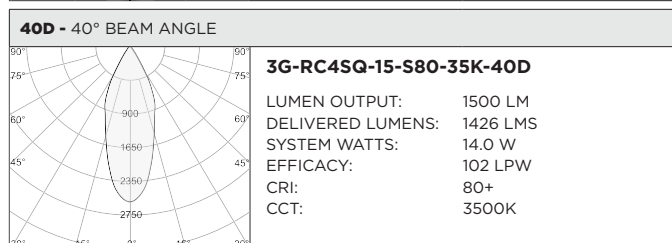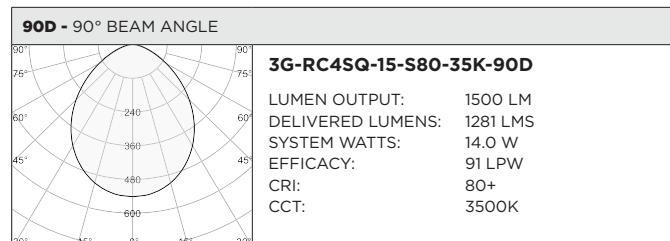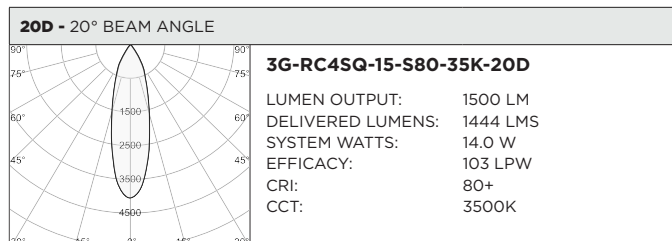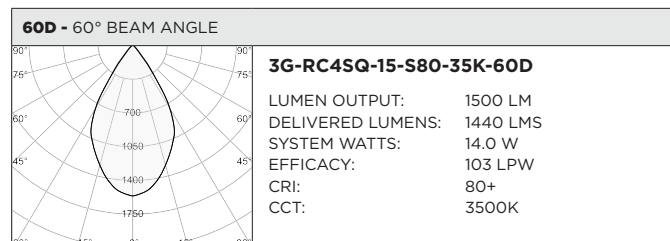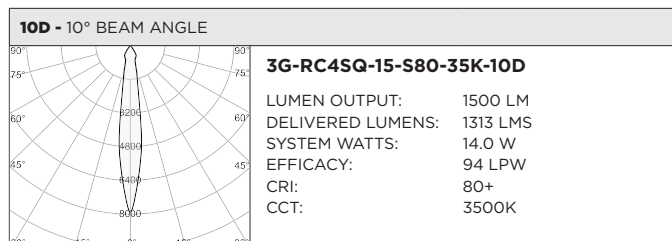
4 Phase dimming options available in 120V only

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

6 Emergency battery installed remotely by others. Not accessible through the inside of the fixture

BASED ON 20° BEAM ANGLE AND 3500K SOURCE (PER FIXTURE HEAD)

LUMEN OUTPUT	80+ CRI			90+ CRI			97+ CRI		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000LMs	1080	10.3	105	951	10.3	92	886	10.3	86
1500LMs	1444	14.0	103	1271	14.0	91	1184	14.0	85
2200LMs	2089	22.0	95	1838	22.0	84	1713	22.0	78
3000LMs	2815	31.3	90	2477	31.3	79	2308	31.3	74
4000LMs	3958	43.0	92	3483	43.0	81	N/A	N/A	N/A

LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.97, 35K=1.00, 40K=1.01

10D - 10° BEAM ANGLE

3G-RC4SQ-15-S80-35K-10D

LUMEN OUTPUT:	1500 LM
DELIVERED LUMENS:	1313 LMS
SYSTEM WATTS:	14.0 W
EFFICACY:	94 LPW
CRI:	80+
CCT:	3500K

20D - 20° BEAM ANGLE

3G-RC4SQ-15-S80-35K-20D

LUMEN OUTPUT:	1500 LM
DELIVERED LUMENS:	1444 LMS
SYSTEM WATTS:	14.0 W
EFFICACY:	103 LPW
CRI:	80+
CCT:	3500K

40D - 40° BEAM ANGLE

3G-RC4SQ-15-S80-35K-40D

LUMEN OUTPUT:	1500 LM
DELIVERED LUMENS:	1426 LMS
SYSTEM WATTS:	14.0 W
EFFICACY:	102 LPW
CRI:	80+
CCT:	3500K

60D - 60° BEAM ANGLE

3G-RC4SQ-15-S80-35K-60D

LUMEN OUTPUT:	1500 LM
DELIVERED LUMENS:	1440 LMS
SYSTEM WATTS:	14.0 W
EFFICACY:	103 LPW
CRI:	80+
CCT:	3500K

90D - 90° BEAM ANGLE

3G-RC4SQ-15-S80-35K-90D

LUMEN OUTPUT:	1500 LM
DELIVERED LUMENS:	1281 LMS
SYSTEM WATTS:	14.0 W
EFFICACY:	91 LPW
CRI:	80+
CCT:	3500K

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 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

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 Battery: 90 minutes

LED SYSTEM

Citizen LED module (field replaceable)

Color consistency <2 SDCM

Standard (80+ CRI). Optional (90+ and 97+ CRI)

Available in 27K, 30K, 35K, and 40K

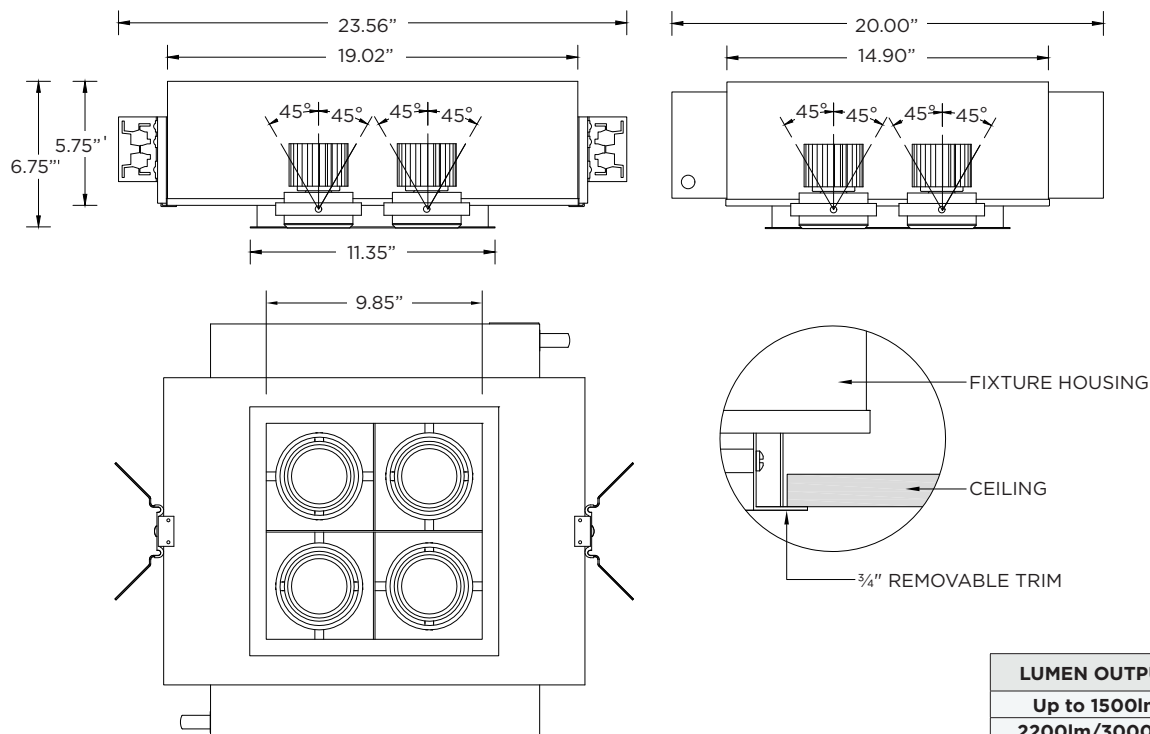L90 >50,000 hours

5 Year Warranty

MOUNTING

Trim fixture designed for use in drywall, wood, acoustic ceiling tiles, and other architectural ceiling materials

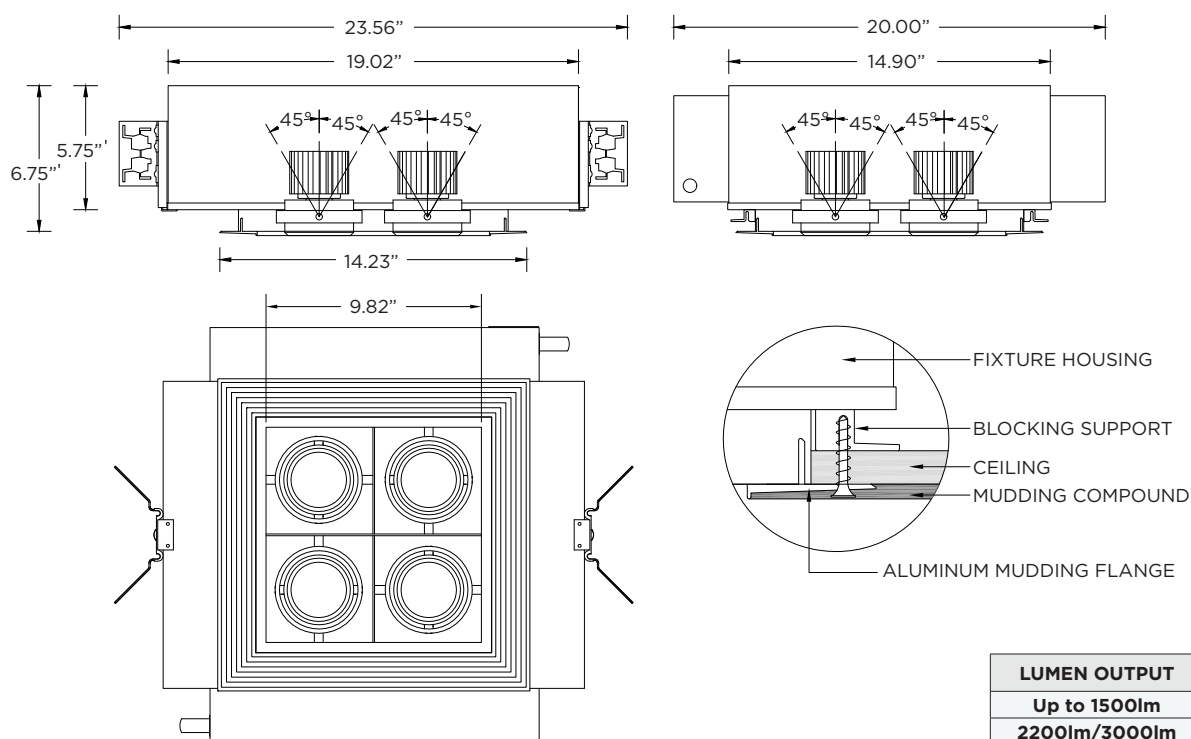Trimless fixture designed for use in drywall, mud-in ceiling applications

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

FIXTURE HOUSING

CEILING

¾" REMOVABLE TRIM

LUMEN OUTPUT	A	B	C
Up to 1500lm	45°	45°	45°
2200lm/3000lm	35°	45°	35°
4000lm	20°	45°	30°

TRIMLESS HOUSING OPTIONS

FIXTURE HOUSING

BLOCKING SUPPORT

CEILING

MUDDING COMPOUND

ALUMINUM MUDDING FLANGE

LUMEN OUTPUT	A	B	C
Up to 1500lm	45°	45°	45°
2200lm/3000lm	35°	45°	35°
4000lm	20°	45°	30°