



3G-RC1-5RD

5" ROUND MADISON
DYNAMIC WHITE

New construction housing with IC housing option available
Machined aluminum insert with seamless ceiling integration
Trim fixture designed to conceal internal hardware
Machined aluminum double gimbal. 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-RC1-5RD	DW - DIM TO WARM (1800-3000K)	08 - 800 LUMENS	H90 - 90+ CRI	10D - 10° ²	UNV - 120/277V
	TW - TUNABLE WHITE ¹ (2700K-6500K)	12 - 1200 LUMENS 20 - 2000 LUMENS		20D - 20° 40D - 40° 60D - 60° 90D - 90° *	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 ³ (TRIAC/ELV, 100-1%) LTEA - LUTRON HI-LUME LTEA ³ (FWD PHASE, 100-1%) D01 - 0-10V (eidoLED, 100-0.1%) ¹ DALI - DALI (eidoLED, 100-1%) ^{1,4} DHL2 - LUTRON HI-LUME LDE1 (1% ECOSYSTEM) DMX - DMX (eidoLED, 100-0%) ¹	WT - WHITE TRIM (STANDARD) ST - SILVER TRIM BT - BLACK TRIM CT - CUSTOM XTR - TRIMLESS	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 ⁵

Maximum 3 optical accessories. See optical accessories page for more options

¹ Tunable White option available with D01, DALI and DMX drivers

² 10D reflector available with 800 lumen output only

³ Phase dimming options available in 120V only

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

⁵ Emergency battery installed remotely by others. Not accessible through the inside of the fixture

3GD - Warm Dim

3GT - Tunable White

SEPTEMBER 16, 2020

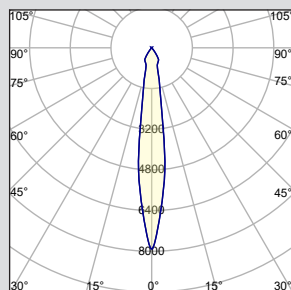


PERFORMANCE CHART BASED ON 20° BEAM AND 3000K SOURCE

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

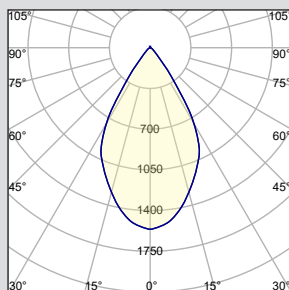
10D - 10° BEAM ANGLE



3G-RC1-5RD-DW-08-H90-10D

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

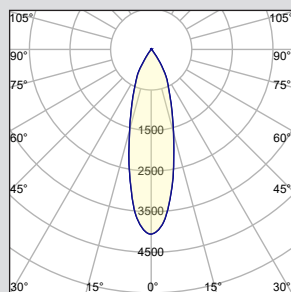
60D - 60° BEAM ANGLE



3G-RC1-5RD-DW-12-H90-60D

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

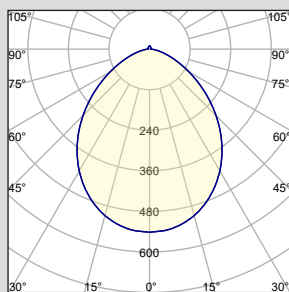
20D - 20° BEAM ANGLE



3G-RC1-5RD-DW-12-H90-20D

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

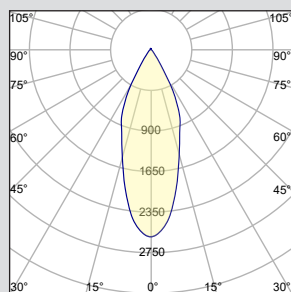
90D - 90° BEAM ANGLE



3G-RC1-5RD-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-RC1-5RD-DW-12-H90-40D

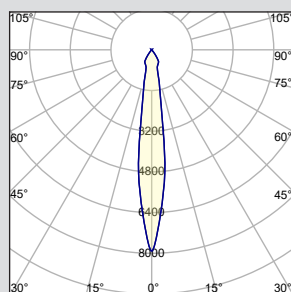
LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1064LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 69LPW
 CRI: 90+
 CCT: 3000K

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

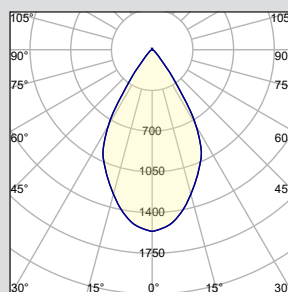
10D - 10° BEAM ANGLE



3G-RC1-5RD-TW-08-H90-10D

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

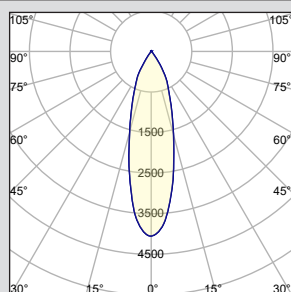
60D - 60° BEAM ANGLE



3G-RC1-5RD-TW-12-H90-60D

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

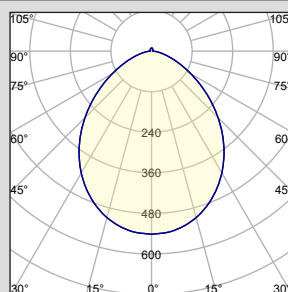
20D - 20° BEAM ANGLE



3G-RC1-5RD-TW-12-H90-20D

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

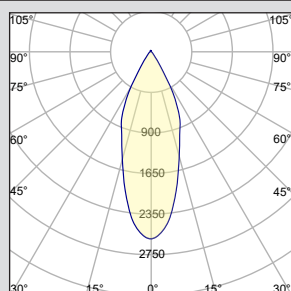
90D - 90° BEAM ANGLE



3G-RC1-5RD-TW-12-H90-90D

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

40D - 40° BEAM ANGLE



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

- 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°

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 tested to cUL standards. Suitable for dry and damp locations

WARRANTY

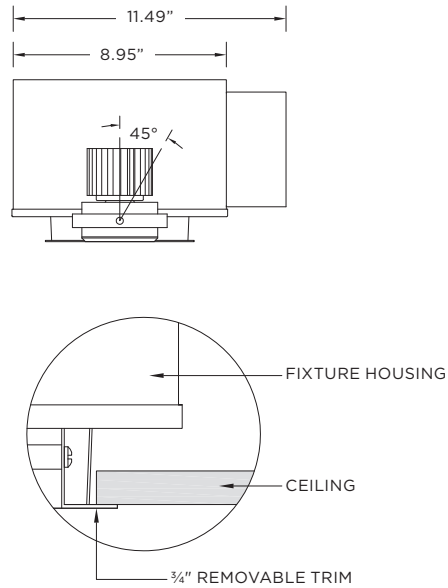
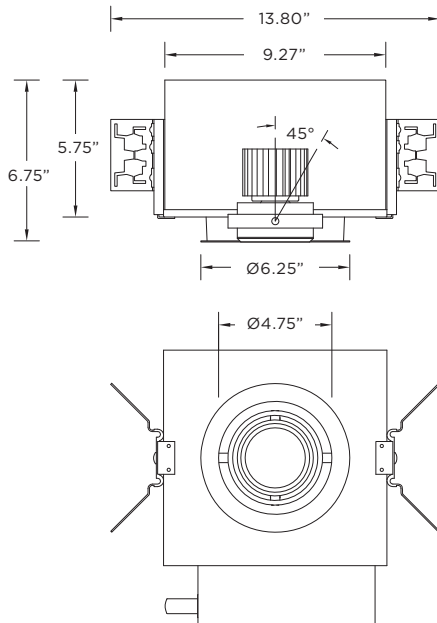
- 5 Year Warranty on LED and drivers
- Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
- Ambient temperature at fixture should not exceed 25°C

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

