

3G LIGHTING

3G-48RMSL

4.8" RECESSED MINI MADISON SLOT
DYNAMIC WHITE

4.8" recessed slot designed for continuous runs in various configurations
Suitable for drywall, wood, grid ceiling, and other architectural ceiling applications
50mm machined aluminum double gimbals. Adjustable and lockable
Individual fixture heads can slide within the channel
Easily adjustable in the field for maximum flexibility
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:	<input type="text"/>	TYPE:	<input type="text"/>
CATALOG #:	<input type="text"/>	DATE:	<input type="text"/>

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE	VOLTAGE
3G-48RMSL	DW - DIM TO WARM (1800-3000K)	08 - 800 LUMENS 12 - 1200 LUMENS	H90 - 90+ CRI	20D - 20° ² 40D - 40° 60D - 60° 90D - 90° *	UNV - 120/277V 120 - 120V 347 - 347V (0-10V ONLY)
	TW - TUNABLE WHITE ¹ (2700K-6500K)	20 - 2000 LUMENS			

* 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%) 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 FLANGE XTR - TRIMLESS (MUD-IN DRYWALL) FX - FLANGELESS GCX - GRID CEILING (UNIVERSAL MOUNT) *	NG - NATURAL ALUMINUM BG - BLACK WG - WHITE	BK - BLACK WH - WHITE

*Universal mounting brackets used for all grid ceiling types only. See mounting section for details

OPTIONS	RUN TYPE	FIXTURE HEAD SPACING
CP - CHICAGO PLENUM 2C - 2 CIRCUIT 3C - 3 CIRCUIT SF50 - SOFTENING LENS LS50 - LINEAR SPREAD HXB50 - BLACK HEXCELL LOUVER EMR - EMERGENCY BATTERY ⁵ (REMOTE) Maximum 2 optical accessories. See optical accessories page for more options	S - ____' (STRAIGHT RUN) L - ____'X ____' (L-SHAPE) U - ____'X ____'X ____' (U-SHAPE) R - ____'X ____' (RECTANGLE/SQUARE) U-Shape and R-Rectangle/Square not available with grid ceiling applications. Continuous runs available in 6" increments	12 - 12" ON CENTER 18 - 18" ON CENTER 24 - 24" ON CENTER 36 - 36" ON CENTER 48 - 48" ON CENTER CUS (xx) - CUSTOM SPACING * * Specify number of fixture heads (XX)

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

² 20D 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

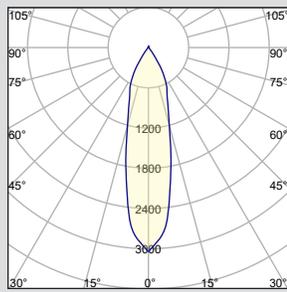
JANUARY 2, 2024

PERFORMANCE CHART BASED ON 60° BEAM AND 3000K SOURCE (PER FIXTURE HEAD)

DIM TO WARM LUMEN OUTPUT	90+ CRI (3000K)		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
800LM	N/A	N/A	N/A
1200LM	1145	15.4	74
2000LM	1611	23.2	69

PHOTOMETRY (PER FIXTURE HEAD)

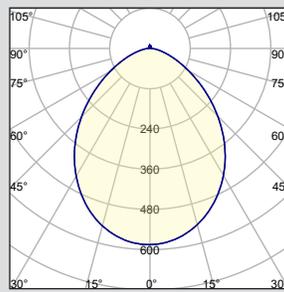
20D - 20° BEAM ANGLE



3G-48RMSL-DW-08-H90-20D

LUMEN OUTPUT: 800LMs
 DELIVERED LUMENS: 1685LMs
 SYSTEM WATTS: 10.3W
 EFFICACY: 66LPW
 CRI: 90+
 CCT: 3000K

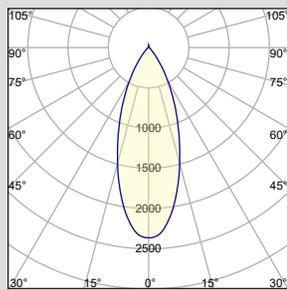
90D - 90° BEAM ANGLE



3G-48RMSL-DW-12-H90-90D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1054LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 68LPW
 CRI: 90+
 CCT: 3000K

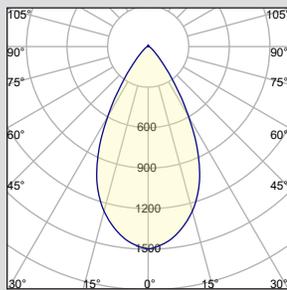
40D - 40° BEAM ANGLE



3G-48RMSL-DW-12-H90-40D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1113LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 72LPW
 CRI: 90+
 CCT: 3000K

60D - 60° BEAM ANGLE



3G-48RMSL-DW-12-H90-60D

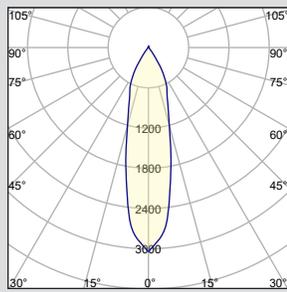
LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1145LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 74LPW
 CRI: 90+
 CCT: 3000K

PERFORMANCE CHART BASED ON 60° BEAM (PER FIXTURE HEAD)

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)
800LM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1200LM	1076	16.6	65	1127	16.6	68	1266	16.6	76
2000LM	1523	24.5	62	1558	24.5	64	1824	24.5	74

PHOTOMETRY (PER FIXTURE HEAD)

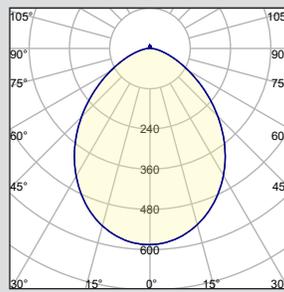
20D - 20° BEAM ANGLE



3G-48RMSL-TW-08-H90-20D

LUMEN OUTPUT: 800LMs
 DELIVERED LUMENS: 715LMs
 SYSTEM WATTS: 12.6W
 EFFICACY: 57LPW
 CRI: 90+
 CCT: 3500K

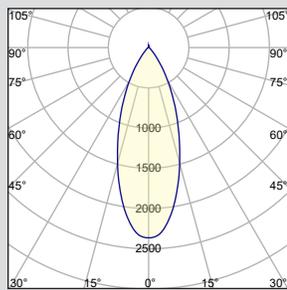
90D - 90° BEAM ANGLE



3G-48RMSL-TW-12-H90-90D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1037LMs
 SYSTEM WATTS: 16.6W
 EFFICACY: 62LPW
 CRI: 90+
 CCT: 3500K

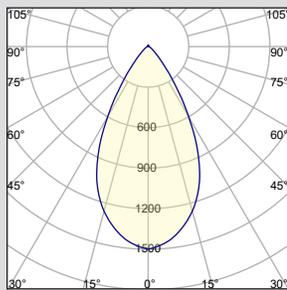
40D - 40° BEAM ANGLE



3G-48RMSL-TW-12-H90-40D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1121LMs
 SYSTEM WATTS: 16.6W
 EFFICACY: 68LPW
 CRI: 90+
 CCT: 3500K

60D - 60° BEAM ANGLE



3G-48RMSL-TW-12-H90-60D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1127LMs
 SYSTEM WATTS: 24.5W
 EFFICACY: 68LPW
 CRI: 90+
 CCT: 3500K

TECHNICAL**HOUSING**

IC Housing constructed in extruded aluminum and cold rolled steel
Designed for continuous runs in various configurations. Available in 6" increments
Maximum ceiling thickness of 1.75". Consult factory for modifications
Standard matte black powder coated finish with optional matte white finish
Trim flange with matte white powder coated finish and minimal 0.400" overlap
Trimless model features a satin coat mudding flange for seamless ceiling integration

ADJUSTABILITY

Solid aluminum, 50mm double gimbals with dual axis adjustability (45°x35°)
Individual fixture heads can slide left or right within the channel. Easily adjustable in field
Each double gimbal can be locked in place

OPTICS

Regressed LED source for enhanced glare control
Proprietary anodized, aluminum reflectors are field replaceable (20° reflector not interchangeable)
Available in 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 driver
Lutron EcoSystem and eldoLED DALI options available with 100-1% dimming
eldoLED 0-10V, 100-0.01% dimming range available (D01)
DMX drivers available with 100-0% dimming range
120V Forward Phase/Reverse Phase driver option with 100-1% dimming
Individual fixture sections can be wired independently
All drivers are integral and easily accessible through the channel aperture
Remote emergency battery operates for 90 minutes at 10W (not accessible within channel)

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

New construction housing suspended via 1/4" threaded rod or suspension cables (by others)
Fixture housing suitable for IC applications
Trim fixture designed for use in drywall, wood, and other architectural ceiling materials
Trimless fixture designed for use in drywall, mud-in ceiling applications
Flangeless fixture designed for use in wood ceilings
Suitable for various grid ceiling applications (see mounting details)

LISTING

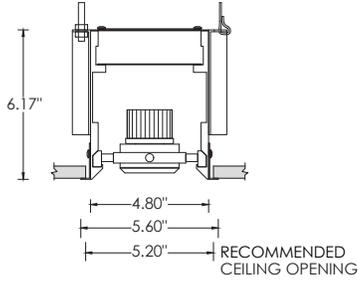
ETL listed and conforms to UL1598 standard. Certified to CSA22.2 NO.250.0. Rated for indoor dry or damp locations

WARRANTY

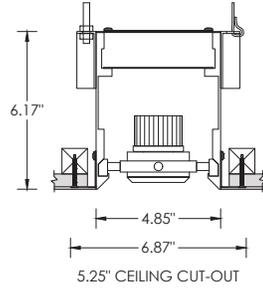
5 Year Warranty on LED and drivers
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
Ambient temperature at fixture should not exceed 25°C

DRAWINGS AND DIMENSIONS HARD CEILING

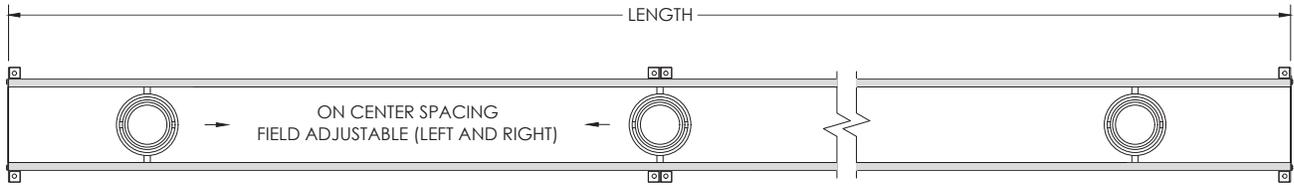
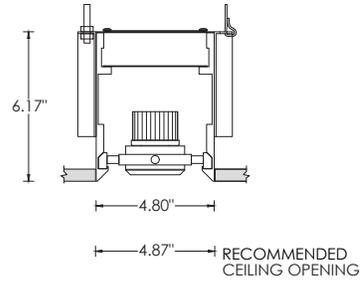
WT - TRIM



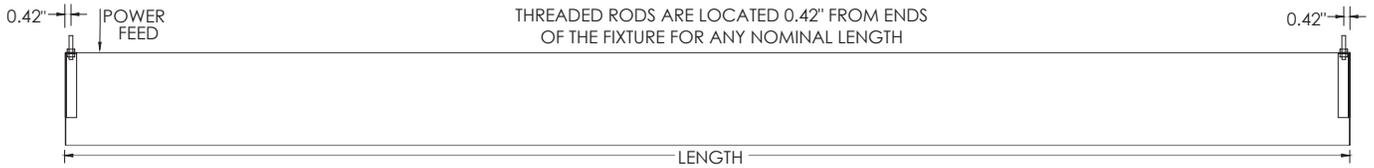
XTR - TRIMLESS



FX - FLANGELESS



MOUNTING DETAILS HARD CEILING



DRAWINGS AND DIMENSIONS GRID CEILING

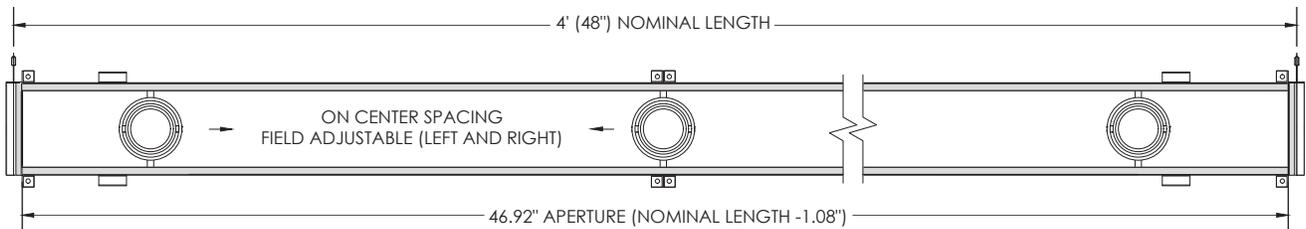
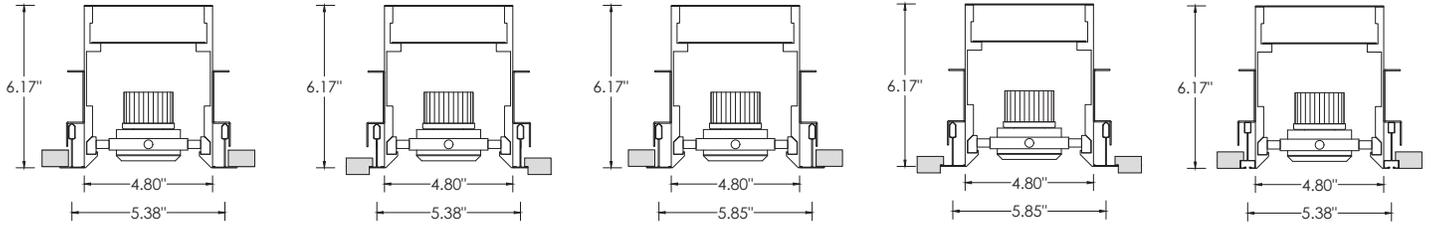
9L - 9/16" LAYIN

9TG - 9/16" TEGULAR

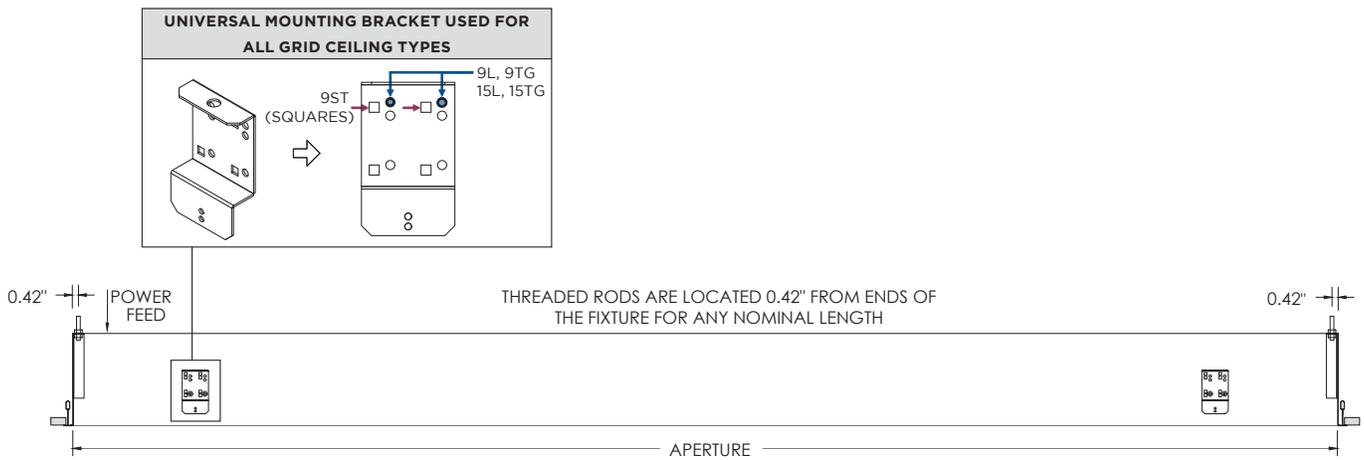
15L - 15/16" LAYIN

15TG - 15/16" TEGULAR

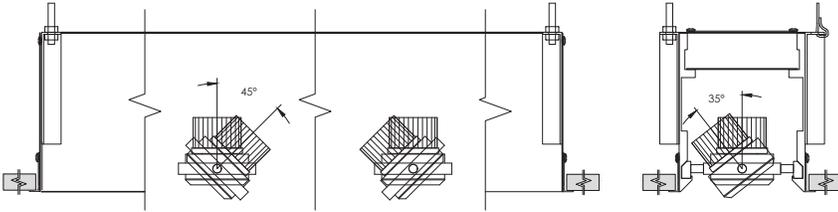
9ST - 9/16" SLOT TEE TEGULAR



MOUNTING DETAILS GRID CEILING

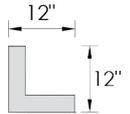


GIMBAL ADJUSTABILITY



PATTERNS

Specify pattern shape and overall dimensions as shown below
 Patterns are connected with 12"x12" mitered corner sections (Fixture heads not available)
 Please consult factory for custom patterns and shapes not shown below



L-SHAPE	U-SHAPE	RECTANGLE/SQUARE
Provide dimensions of AxB Example: L - 5'x6'	Provide dimensions of AxBxC Example: U - 5'x6'x4'	Provide dimensions of AxB Example: R - 5'x6'