

3G LIGHTING

3G-58RMSL

5.8" RECESSED MADISON SLOT

5.8" recessed slot designed for continuous runs in various configurations
Suitable for drywall, wood, and other architectural ceiling applications
Suitable for grid ceiling and 6" techzone applications
Machined aluminum double gimbals. Adjustable and lockable
Individual fixture heads can slide within the channel
Easily adjustable in the field for maximum flexibility
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-58RMSL	10 - 1000 LUMENS	S80 - 80+ CRI ¹	27K - 2700K	10D - 10° ²	UNV - 120/277V
	15 - 1500 LUMENS	H90 - 90+ CRI	30K - 3000K	20D - 20°	120 - 120V
	22 - 2200 LUMENS	H97 - 97+ CRI ¹	35K - 3500K	40D - 40°	347 - 347V ³
	30 - 3000 LUMENS		40K - 4000K	60D - 60°	
	40 - 4000 LUMENS			90D - 90° *	
*90D reflector supplied standard with lens					
DRIVER		FLANGE TYPE		GIMBAL FINISH	HOUSING INTERIOR
DIM - 0-10V (100-1%)		WT - WHITE TRIM FLANGE		NG - NATURAL ALUMINUM	BK - BLACK
LE - PHASE DIM ⁴ (TRIAC/ELV, 100-1%)		XTR - TRIMLESS (MUD-IN DRYWALL)		BG - BLACK GIMBAL	WH - WHITE
D01 - 0-10V (100-0.1%)		FX - FLANGELESS		WG - WHITE GIMBAL	
DALI - DALI (100-1%) ⁵		GCX - GRID CEILING (UNIVERSAL MOUNT) *			
DHL2 - LUTRON HI-LUME (1% ECOSYSTEM)		6TZ - 6” TECHZONE			
DMX - DMX (100-0%)					
		*Universal mounting brackets used for all grid ceiling types only. See mounting section for details			
OPTIONS		RUN TYPE		FIXTURE HEAD SPACING	
2C - 2 CIRCUIT OPERATION		S - ____' (STRAIGHT)		12” - 12” ON CENTER	
3C - 3 CIRCUIT OPERATION		L - ____'X ____' (L-SHAPE)		18” - 18” ON CENTER	
HXB - BLACK HEXCELL LOUVER		U - ____'X ____' X ____' (U-SHAPE)		24” - 24” ON CENTER	
LS - LINEAR SPREAD LENS		R - ____'X ____' (RECTANGLE/SQUARE)		36” - 36” ON CENTER	
PM - PRISMATIC LENS				48” - 48” ON CENTER	
SB - SANDBLASTED LENS				CUS(XX) - CUSTOM SPACING *	
SF - SOFTENING LENS					
CP - CHICAGO PLENUM					
EMR - EMERGENCY BATTERY ⁶ (REMOTE)					
Maximum 3 optical accessories. See optical accessories page for more options		U-Shape and R-Rectangle/Square not available with grid ceiling applications. Continuous runs available in 6” increments		*Specify number of fixture heads (XX)	

¹ S80 not available in 27K. H97 available in 30K and 35K as standard

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

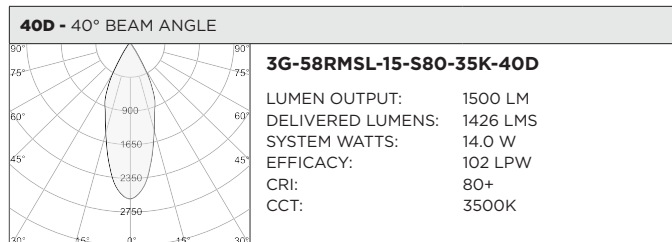
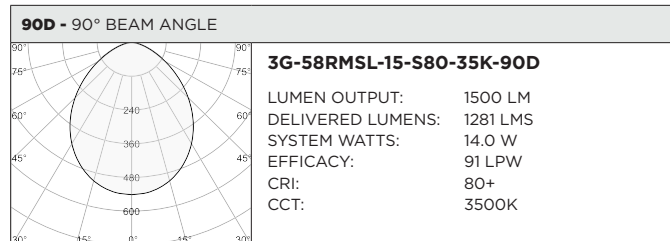
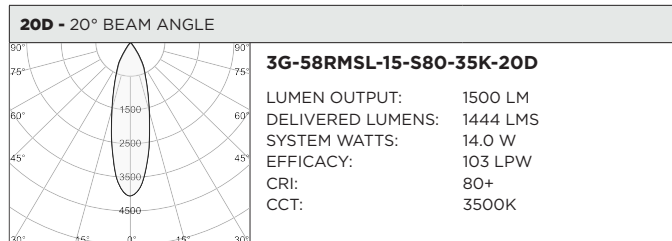
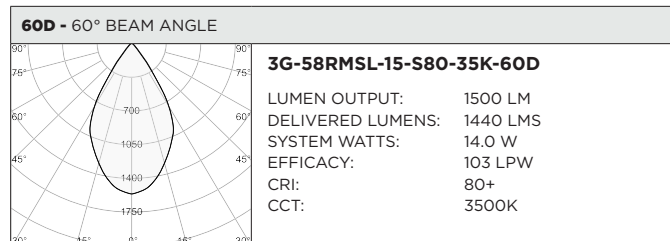
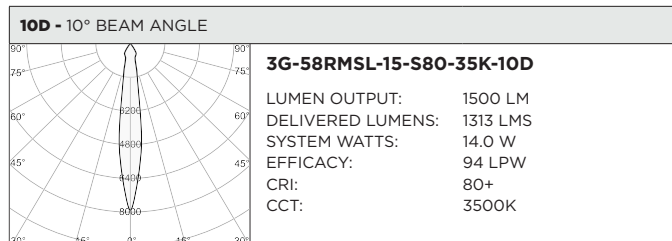
⁵ DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

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



HOUSING

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, 70mm machined 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 into 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 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

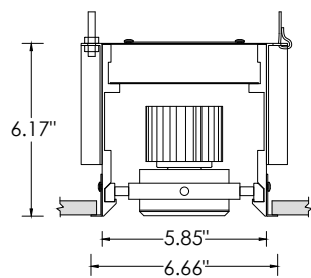
Citizen LED module (field replaceable)
Color consistency <2 SDCM
Standard (80+ CRI). Optional (90+ and 97+ CRI)
Available in 27K, 30K, 35K, and 40K
L90 >50,000 hours
5 Year Warranty

MOUNTING

New construction housing suspended via 1/4" threaded rod or
suspension cables (by others)
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)

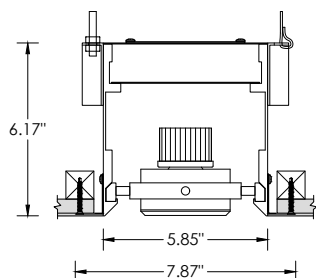
HARD CEILING

WT - TRIM



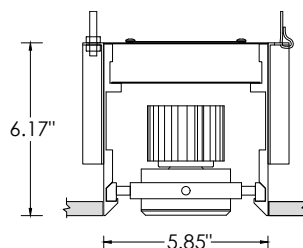
RECOMMENDED CEILING OPENING 6.25"

XTR - TRIMLESS

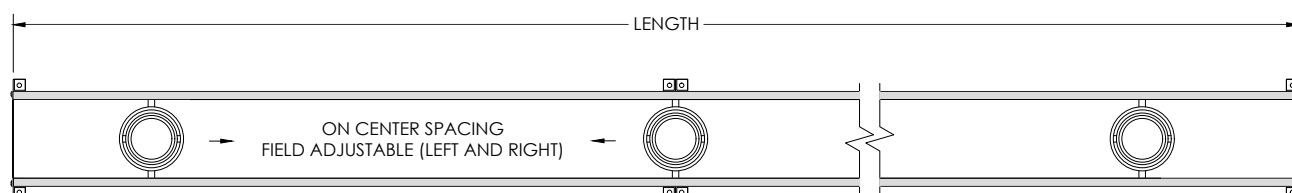


RECOMMENDED CEILING OPENING 6.25"

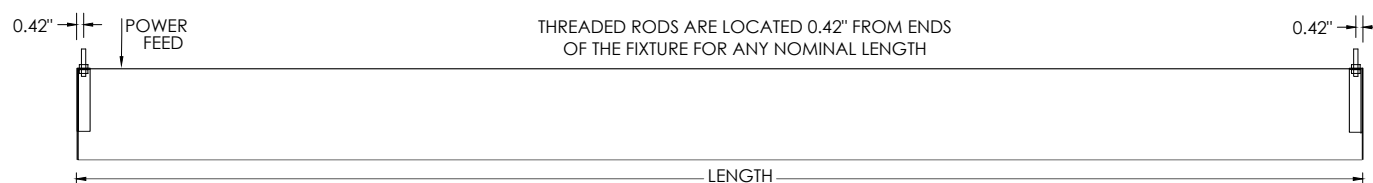
FX - FLANGELESS



RECOMMENDED CEILING OPENING 5.90"

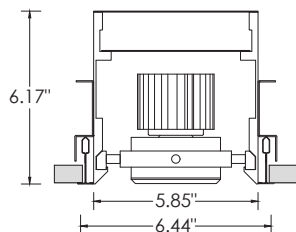


HARD CEILING : MOUNTING DETAILS

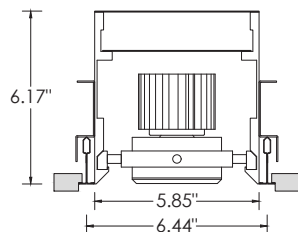


GRID CEILING

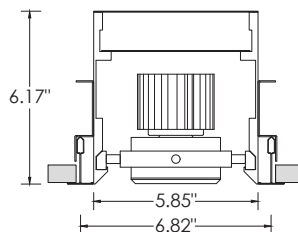
9L - 9/16" LAYIN



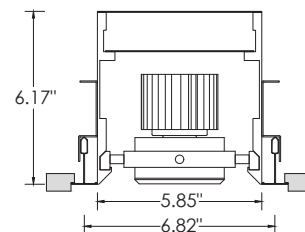
9TG - 9/16" TEGULAR



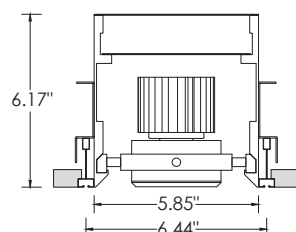
15L - 15/16" LAYIN



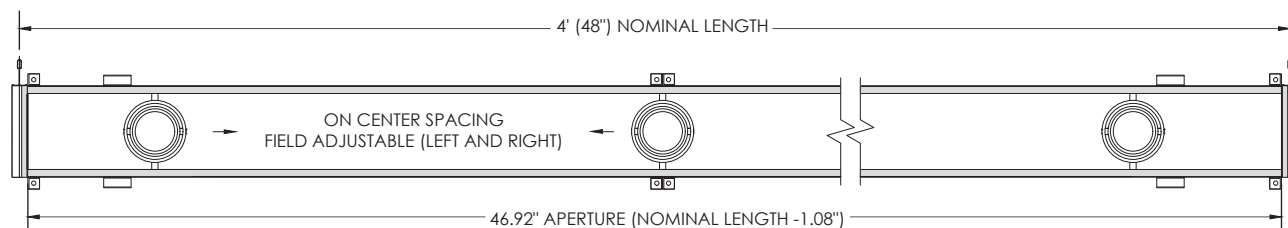
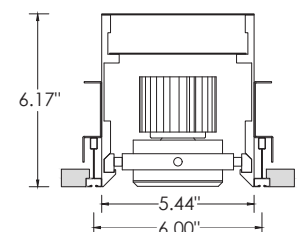
15TG - 15/16" TEGULAR



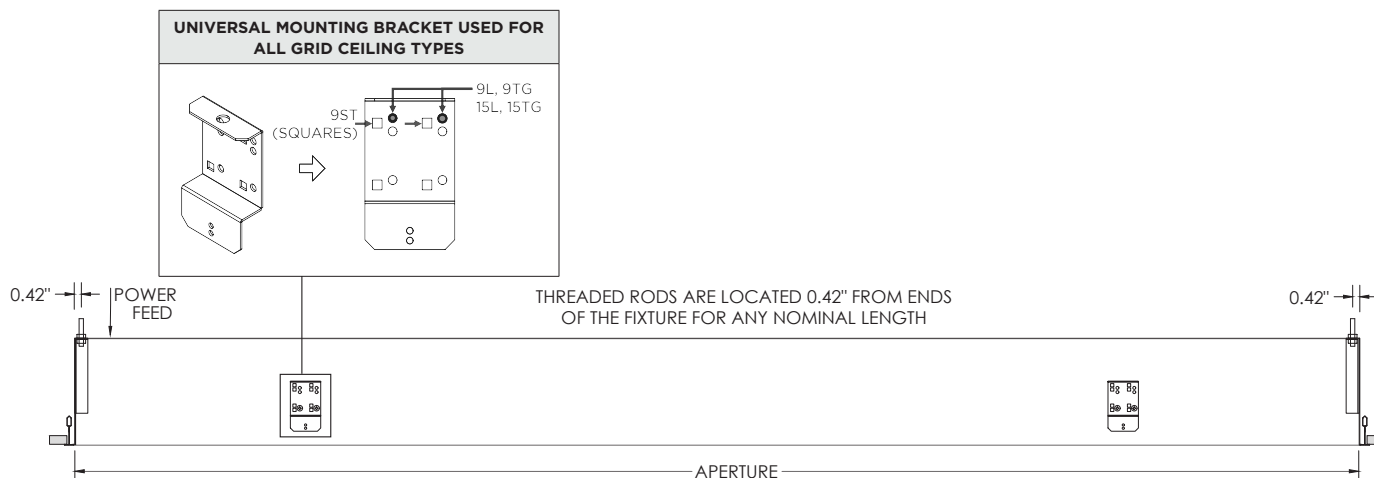
**9ST - 9/16" SLOT TEE
TEGULAR**



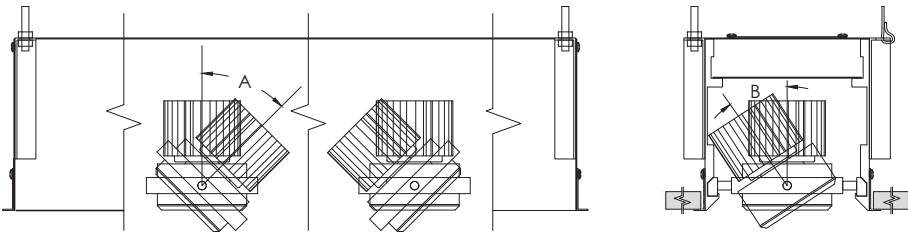
6TZ - TECHZONE



GRID CEILING : MOUNTING DETAILS



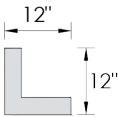
GIMBAL ADJUSTABILITY



LUMEN OUTPUT	A	B
Up to 2200lm	45°	45°
3000lm/4000lm	45°	35°
5000lm	45°	20°

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 - 6'x8'	Provide dimensions of AxBxC Example: U - 8'x10'x6"	Provide dimensions of AxB Example: R - 10'x8'