

3G LIGHTING

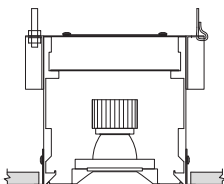
3GR-58RDSL

5.8" CURVED RECESSED SLOT
3" DOWNLIGHT

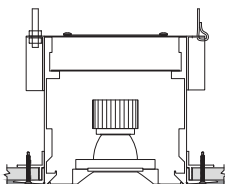
5.8" Recessed Downlight Slot designed for continuous runs
Machined aluminum faceplate with round, trimless downlight integration
3" round adjustable or 3" round fixed downlight option
Standard 95+ CRI LED system with performance up to 147 LPW
Delivered lumen range up to 3000lm at 95+ CRI
10° to 90° beam angle options suitable for various applications
Companion to 3G-DL33R downlight and cylinder families



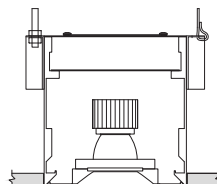
WT - TRIM



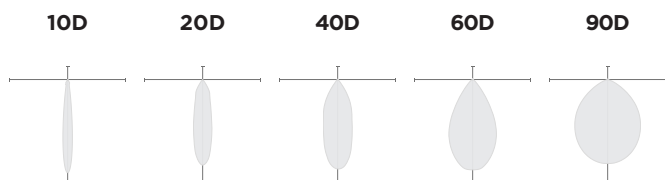
XTR - TRIMLESS



FX - FLANGELESS



OPTICS



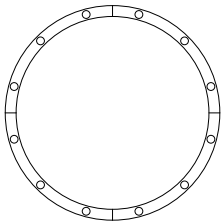
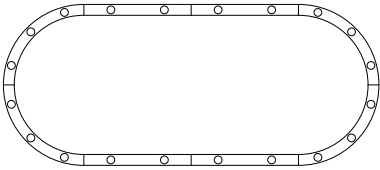
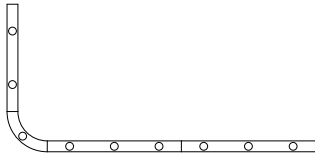
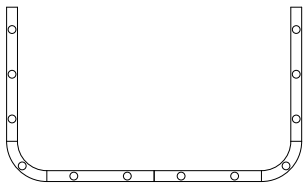
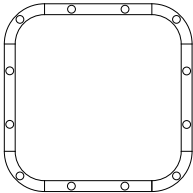
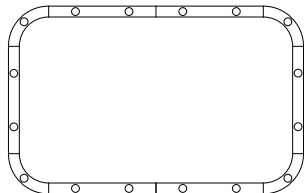
PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	8.6	116
1500	1500	13.5	111
2000	2000	18.3	109
2500	2500	25.8	97
3000	3000	31.2	96

BASED ON FIXED DOWNLIGHT OPTION
WITH 95+ CRI, 35K, 40D OPTIC AND SOFTENING LENS
Lumen output and actual wattage may vary +/- 5%

SHAPES

This product is designed to be specified using our online configurator. The following configurations are standard offerings. For customized layouts, see page 7 for instructions

RING	CAPSULE	L-SHAPE
		
More details on page 5	More details on page 5	More details on page 6
U-SHAPE	SQUARE	RECTANGLE
		
More details on page 6	More details on page 6	More details on page 6

USE ONLINE CONFIGURATOR TO SPECIFY THIS PRODUCT LINE. [CONFIGURE](#)

PROJECT:		TYPE:	
CATALOG#:		DATE:	QTY:

CAT. NO	DOWNLIGHT TYPE	LUMEN OUTPUT**	CRI	COLOR TEMP
3GR-58RDSL	33RF - 3" ROUND FIXED 33RA - 3" ROUND FIXED	10 - 1000 LUMENS 15 - 1500 LUMENS 20 - 2000 LUMENS 25 - 2500 LUMENS 30 - 3000 LUMENS All lumen outputs are delivered lumens at 95+ CRI	H95 - 95+ CRI	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K

BEAM ANGLE	VOLTAGE	DRIVER	TRIM FLANGE
10D - 10° ¹ 20D - 20° ¹ 40D - 40° 60D - 60° 90D - 90° * *90D optic supplied with lens Not available with other lens options	UNV - 120/277V 120 - 120V 347 - 347V ²	DIM - 0-10V (100-1%) LE - PHASE DIM ³ (TRIAC/ELV, 100-1%) DO1 - 0-10V (100-0.1%) DALI - DALI (100-1%) ⁴ DHL2 - LUTRON HI-LUME (1% ECOSYSTEM) DMX - DMX (100-0%)	WT - WHITE TRIM (STANDARD) BT - BLACK TRIM XTR - TRIMLESS (MUD-IN DRYWALL) FX - FLANGELESS

HOUSING AND FACEPLATE	DOWNLIGHT INSERT	OPTIONS	RUN TYPE
BK - BLACK (STANDARD) WH - WHITE	BI - BLACK WI - WHITE SI - SILVER	EMR - EMERGENCY BATTERY ⁵ (REMOTE) 2C - 2 CIRCUIT OPERATION 3C - 3 CIRCUIT OPERATION SF - SOFTENING LENS LS - LINEAR SPREAD LENS SB - SANDBLASTED LENS *Lens options not available with 90D optic Maximum 1 optical accessory	O - ____' (RING) P - ____'x ____' (CAPSULE) L - ____'x ____' (L-SHAPE) U - ____'x ____'x ____' (U-SHAPE) SQ - ____'x ____' (SQUARE) R - ____'x ____' (RECTANGLE) CUS - CUSTOM SHAPE (PLEASE SUBMIT DRAWING TO 3G) *Product is designed to be specified using our online configurator. CONFIGURE

RADIUS	RADIUS DOWNLIGHTS	TOTAL DOWNLIGHTS
RA - ____'	RL - ____'	DL - ____'
*Ring and Capsule shapes do not require Radius selection		

- ¹ 10D and 20D reflector available up to 2000lm
² 347 available in "DIM" 0-10V only (100-1%)
³ Phase dimming options available in 120V only
⁴ DALI-2 (Type 6) provided as standard
⁵ Supplied with enclosure with Emergency Battery and driver. Installed remotely by others. Not accessible through fixture aperture

PERFORMANCE

3" ROUND FIXED DOWNLIGHT

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	8.6	116
1500	1500	13.5	111
2000	2000	18.3	109
2500	2500	25.8	97
3000	3000	31.2	96

BASED ON 95+ CRI, 3500K, 40D OPTIC WITH SOFTENING LENS
Lumen output and actual wattage may vary +/- 5%

3" ROUND ADJUSTABLE DOWNLIGHT

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	9.3	109
1500	1500	14.0	107

BASED ON 95+ CRI, 3500K, 40D OPTIC WITH SOFTENING LENS
Lumen output and actual wattage may vary +/- 5%

MULTIPLIERS

BEAM ANGLE	
10D	0.92
20D	1.24
40D	1.00
60D	0.97
90D	0.91

COLOR TEMP	
2700K	0.98
3000K	1.00
3500K	1.00
4000K	1.02

BEAM ANGLE	
10D	0.80
20D	1.27
40D	1.00
60D	0.88

COLOR TEMP	
2700K	0.98
3000K	1.00
3500K	1.00
4000K	1.02

HOUSING

Housing constructed in extruded aluminum and cold rolled steel
Designed for continuous runs in various configurations
Maximum ceiling thickness of 1.75". Consult factory for modifications
Machined aluminum faceplates with trimless downlight integration
Standard matte black powder coated housing and faceplate finish
Trim flange with power coated finish and 0.400" overlap
Trimless model features a perforated galvanized mudding flange

DOWNLIGHT INSERT

Cast aluminum beveled insert with matte powder coated finish
3" aperture with regressed LED source for enhanced glare control

ADJUSTABILITY

Adjustable downlight option with 40 degree tilt along length of channel and 25 degree tilt across the width
Proprietary hot aiming mechanism with sliding center beam optimization and 360° rotation

OPTICS

Proprietary anodized, aluminum reflectors
Beam angle available in 10°, 20°, 40°, 60° and 90°
Reflectors are field replaceable (10° reflector not interchangeable)
Softening lens supplied standard

LED SYSTEM

Standard 95+ CRI
Color consistency <2 SDCM
Available in 27K, 30K, 35K, and 40K
L90 > 50,000 hours

ELECTRICAL

Standard 0-10V, constant current drivers
100-1% dimming range and > 0.9 power factor
Standard 120/277V universal voltage with several driver options
120V Forward Phase/Reverse Phase driver option (100-1%)
Integral drivers are easily accessible through channel aperture

EMERGENCY

Title 24 Certified. 7W output for 90 minutes
800lm at 95+ CRI (fixed DL) and 765lm at 95+ CRI (adjustable DL)
Remote emergency battery (not accessible through fixture aperture)
Maximum remote mounting distance:
3000lm or below - 50ft (12AWG) or 25ft (14AWG)
Caution: Emergency Battery utilizes more than one power source and servicing should be performed by qualified personnel

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

LISTING

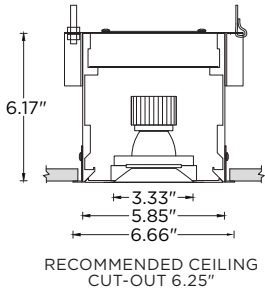
ETL listed and conforms to UL1598 standard
Certified to CSA22.2 No.250.0.
JA8 certified
Rated for dry or damp locations

WARRANTY

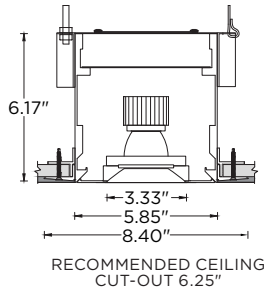
5 Year Warranty on LED and drivers
LED system rated for operation in ambient environments up to 25°C

HARD CEILING

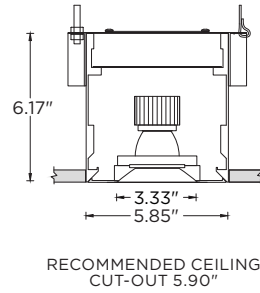
WT - TRIM



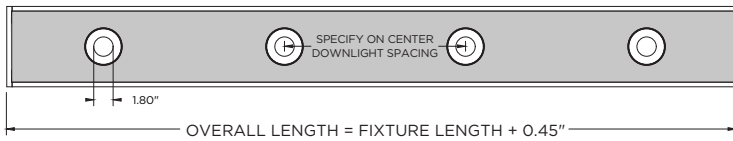
XTR - TRIMLESS



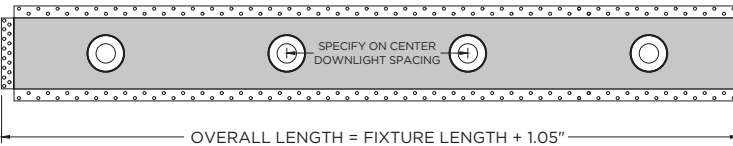
FX - FLANGELESS



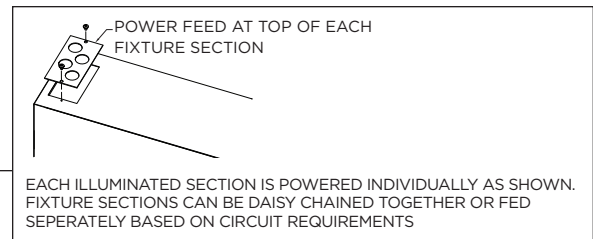
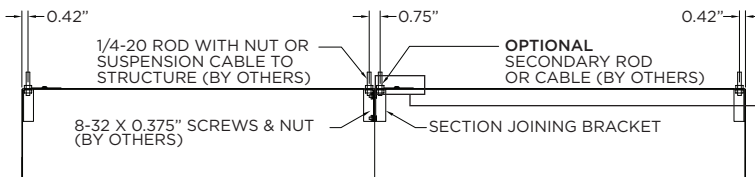
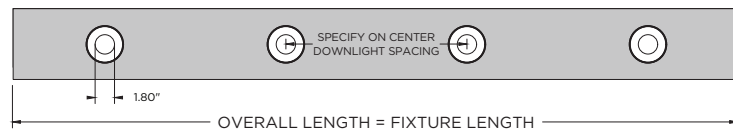
TRIM



TRIMLESS (MUD-IN DRYWALL)



FLANGELESS

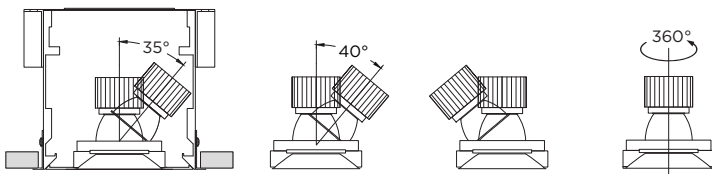


GIMBAL ADJUSTABILITY

WIDTH

LENGTH

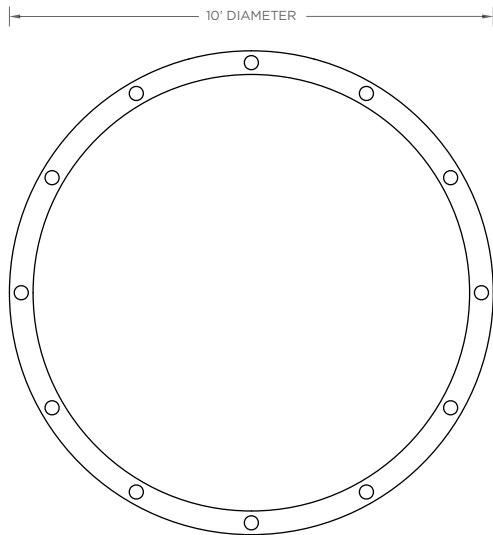
ROTATION



USE ONLINE CONFIGURATOR TO SPECIFY THIS PRODUCT LINE. [CONFIGURE](#)

RING

RUN TYPE	TOTAL DOWNLIGHTS
<input checked="" type="radio"/> - RING <input type="radio"/>	12
10' DIAMETER <input type="text"/>	



Step 1: Select diameter: **2'-60'**

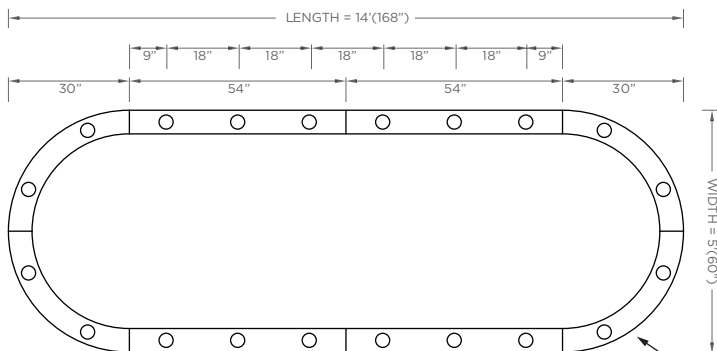
Step 2: Select the total number of downlights

Configurator Logic: Downlight options scale with diameter selection

USE ONLINE CONFIGURATOR TO SPECIFY THIS PRODUCT LINE. [CONFIGURE](#)

CAPSULE (PILL)

RUN TYPE	RADIUS	RADIUS DOWNLIGHTS	TOTAL DOWNLIGHTS
<input checked="" type="radio"/> - CAPSULE <input type="radio"/>	30"	2	20
5' (5' LONG) <input type="text"/>			
14' (14' LONG) <input type="text"/>			



Step 1: Select width: **2'-10'**

Step 2: Select length: **4'-100'**

Step 3: Select the number of downlights in radius segments

Step 4: Select the number of downlights

Configurator Logic: Downlight options scale with diameter selection

RADIUS / RADIUS DOWNLIGHTS
30" RADIUS / 2 DOWNLIGHTS

USE ONLINE CONFIGURATOR TO SPECIFY THIS PRODUCT LINE. [CONFIGURE](#)

L-SHAPE / U-SHAPE / SQUARE / RECTANGLE

RUN TYPE		RADIUS	RADIUS DOWNLIGHTS	TOTAL DOWNLIGHTS
U - U-SHAPE ✕		18" ▾	2 ▾	14 ▾
12' (12' LONG) ▾	----- ▾			
8' (8' LONG) ▾	----- ▾			
10' (10' LONG) ▾	----- ▾			

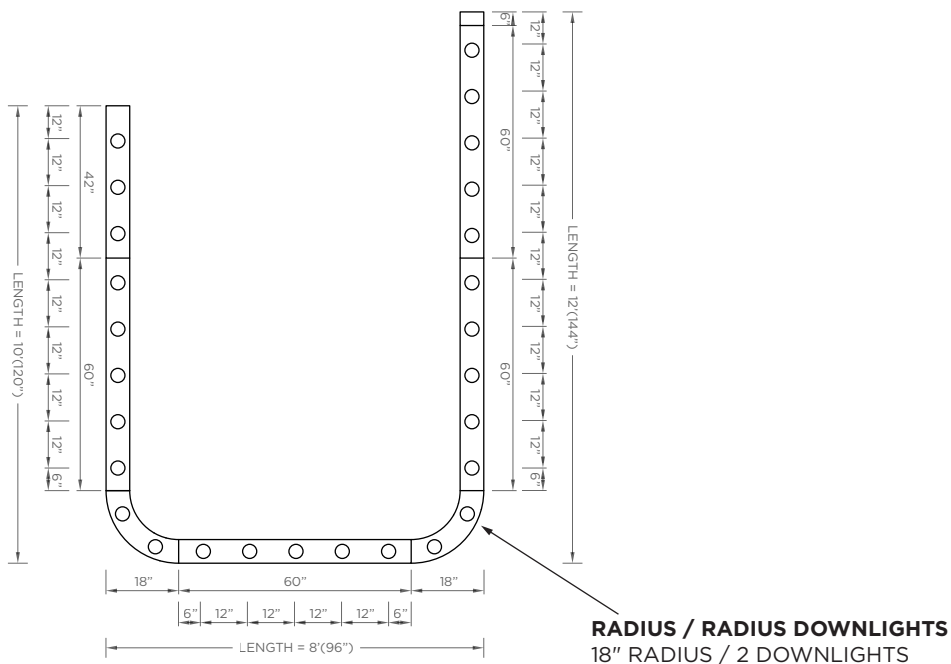
Step 1: Select lengths (2'-100' each side)

Step 2: Select soft corner radius (12"-60")

Step 3: Select number of downlights in radius segments

Step 4: Select the total number of downlights

Configurator Logic: The lengths of each side dictate the soft corner radius size available. Once radius is selected, choose the number of downlights within the radius from the drop down list. Choose the total number of downlights within the entire run from the drop down list. Downlights are distributed proportionally along straight sides according to length, with on-center spacing rules applied automatically.



CUSTOM

RUN TYPE	RADIUS	RADIUS DOWNLIGHTS	TOTAL DOWNLIGHTS
CUS - CUSTOM ✕	----- ▼	----- ▼	----- ▼

Option 1: CAD Layout

Download CAD blocks from the product page and create your layout using available modules in your preferred **CAD software**. Submit a PDF or **DWG/DXF file**.

Modules:

- **Radius options:** 12", 18", 24", 30", 36", 42", 48", 54", 60"
- **Angle segments:** 30°, 45°, 60°, 90°
- **Straight runs:** available in **6" increments**

Configurator Logic: 3G reviews all custom submissions and returns a validated layout with part numbers, downlight counts, sectioning, and circuit guidance.

Option 2: Sketch

Submit a simple sketch with dimensions, number of downlights and spacing, and we'll generate the closest configuration.

