

# 3G LIGHTING

## 3G-DL40SA

4.0" SQUARE ADJUSTABLE  
DYNAMIC WHITE



4.0" square, adjustable high performance downlight  
Dim to Warm and Tunable White LED options up to 2000lm (90+ CRI)  
Regressed LED source for enhanced glare control  
Proprietary hot aiming mechanism with sliding center beam optimization  
0° - 40° lockable tilt and 362° lockable rotation  
Remodel housing available along with other housing options  
1% dimming standard with several integral driver options

**3GD 3GT**

<b>PROJECT:</b>		<b>TYPE:</b>	
<b>CATALOG#:</b>		<b>DATE:</b>	<b>QTY:</b>

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE	VOLTAGE
<b>3G-DL40SA</b>	<b>DW</b> - DIM TO WARM (1800K-3000K) <b>TW</b> - TUNABLE WHITE <sup>1</sup> (2700K-6500K)	<b>08</b> - 800 LUMENS <b>12</b> - 1200 LUMENS <b>20</b> - 2000 LUMENS	<b>H90</b> - 90+ CRI	<b>20D</b> - 20° <sup>2</sup> <b>30D</b> - 30° <b>40D</b> - 40° <b>50D</b> - 50° <b>60D</b> - 60°	<b>UNV</b> - 120/277V <b>120</b> - 120V <b>347</b> - 347V <sup>3</sup>

DRIVER	FLANGE TYPE	BEVELED INSERT	HOUSING TYPE
<b>DIM</b> - 0-10V (100-1%) <b>LE</b> - PHASE DIM <sup>4</sup> (TRIAC/ELV, 100-1%) <b>DO1</b> - 0-10V (100-0.1%) <sup>1</sup> <b>DALI</b> - DALI (100-1%) <sup>1,5</sup> <b>DHL2</b> - LUTRON HI-LUME (1% ECOSYSTEM) <b>DMX</b> - DMX (100-0%) <sup>1</sup>	<b>WT</b> - WHITE TRIM <b>BT</b> - BLACK TRIM <b>ST</b> - SILVER TRIM <b>XTR</b> - TRIMLESS (MUD-IN DRYWALL) (SUPPLIED WITH LENS) <b>MWF</b> - FLANGELESS MILLWORK <sup>6</sup> (SUPPLIED WITH LENS)	<b>WI</b> - WHITE <b>BI</b> - BLACK <b>SI</b> - SILVER	<b>RMD</b> - REMODEL (NON-IC) <b>NCF</b> - NEW CONSTRUCTION FRAME (NON-IC) <b>NC</b> - NEW CONSTRUCTION <sup>7</sup> HOUSING <b>IC</b> - NEW CONSTRUCTION IC HOUSING

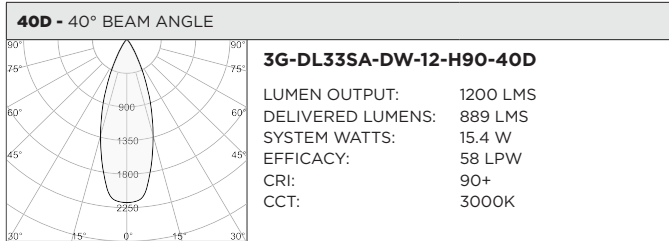
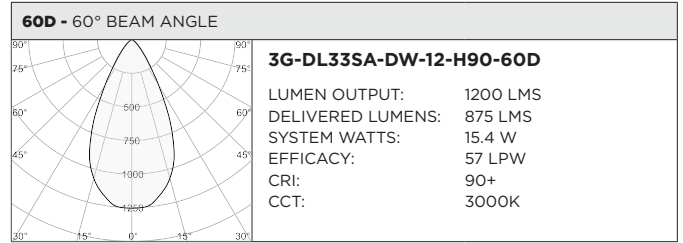
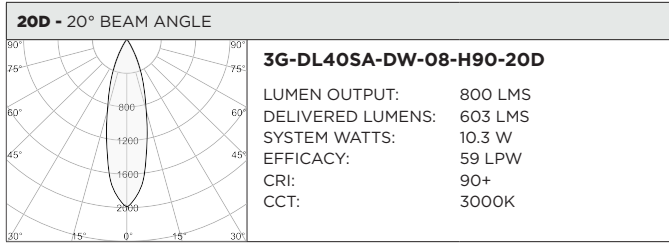
OPTIONS
<b>LS</b> - LINEAR SPREAD LENS <b>SB</b> - SANDBLASTED LENS <b>SF</b> - SOFTENING LENS (SUPPLIED STANDARD) <b>CP</b> - CHICAGO PLENUM <sup>7</sup> <b>BH</b> - C-CHANNEL BAR HANGERS <b>EMR</b> - EMERGENCY BATTERY (REMOTE) <sup>8</sup>
Maximum 1 optical accessory

- 1 Tunable White option available with DO1, DALI and DMX drivers
- 2 20D reflector available with 800 lumen output only
- 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 MWF not available with Remodel (NON-IC)
- 7 Chicago Plenum option available with New Construction Housing
- 8 Fixture operates at 6500K in emergency mode. Emergency battery installed remotely by others. Not accessible through the inside of the fixture

**3GD** - Warm Dim  
**3GT** - Tunable White

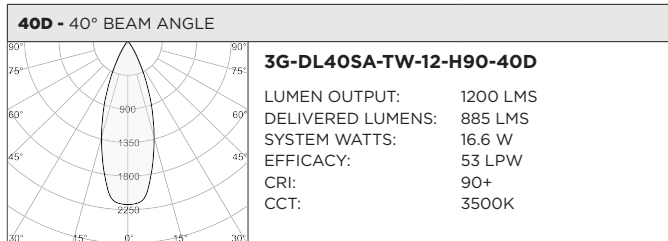
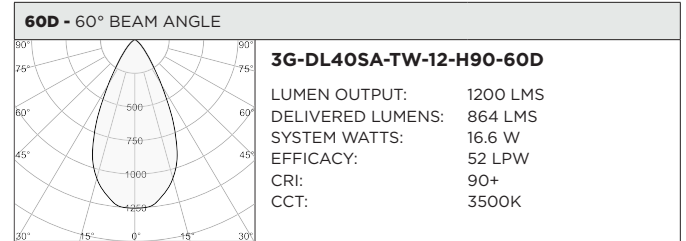
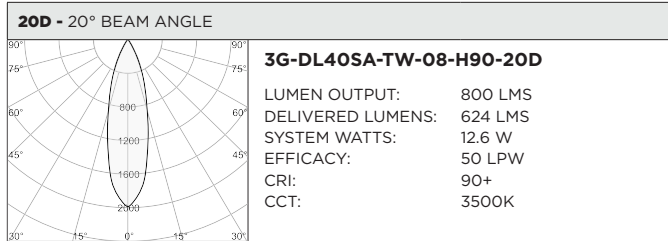
BASED ON 60° BEAM ANGLE AND 3000K SOURCE WITH SOFTENING LENS

LUMEN OUTPUT	90+ CRI (2700K)		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
<b>800LMs</b>	N/A	N/A	N/A
<b>1200LMs</b>	875	15.4	57
<b>2000LMs</b>	1228	23.2	53



BASED ON 60° BEAM ANGLE WITH SOFTENING LENS

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)
<b>800LMs</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>1200LMs</b>	805	16.6	49	864	16.6	52	951	16.6	57
<b>2000LMs</b>	1160	24.5	47	1184	24.5	48	1385	24.5	57



**HOUSING**

Remodel, new construction frame, and IC housing options available  
Maximum ceiling thickness of 1.5". Consult factory for modifications  
All housing options designed to be easily converted in field to trim or trimless with minimal components  
Housing rated for #12 AWG (4 in, 4 out), 90°C conductors and through branch wiring

**BEVELED INSERT**

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

**TRIM**

Cast aluminum trim flange with matte powder coated finish and minimal 0.375" overlap

**TRIMLESS**

Cast aluminum mudding flange features a grooved surface for easy mud-in application  
Integral blocking support provided to ensure fixture is properly secured within ceiling structure

**ADJUSTABILITY**

Proprietary hot aiming mechanism with sliding center beam optimization  
0° - 40° lockable tilt and 362° lockable rotation with Phillips screwdriver

**OPTICS**

Regressed LED source for enhanced glare control  
Proprietary anodized, aluminum reflectors are field replaceable (20° reflector not interchangeable)  
Available in 20°, 30°, 40°, 50° and 60°  
All models provided standard with softening lens

**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**

Remote emergency battery installed by others (not accessible through fixture aperture)  
7W output for 90 minutes (+/- 700lm at 80+ CRI)  
CA Title 24 Certified  
Maximum remote mounting distance:  
50ft (12AWG) or 25ft (14AWG) for fixtures operating at 3000lm or below  
30ft (12AWG) or 20ft (14AWG) for fixtures operating above 3000lm  
Caution: Emergency Battery utilizes more than one power source and servicing should be performed by qualified personnel

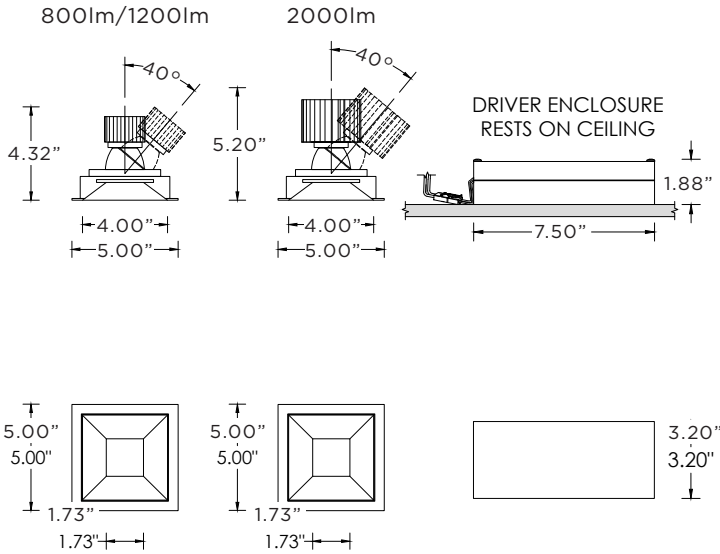
**LED SYSTEM**

<3 SDCM LED module (field replaceable)  
Standard 90+ CRI  
Dim to Warm (1800K-3000K)  
Tunable White (2700K-6500K)  
L70 >50,000 hours  
5 Year Warranty

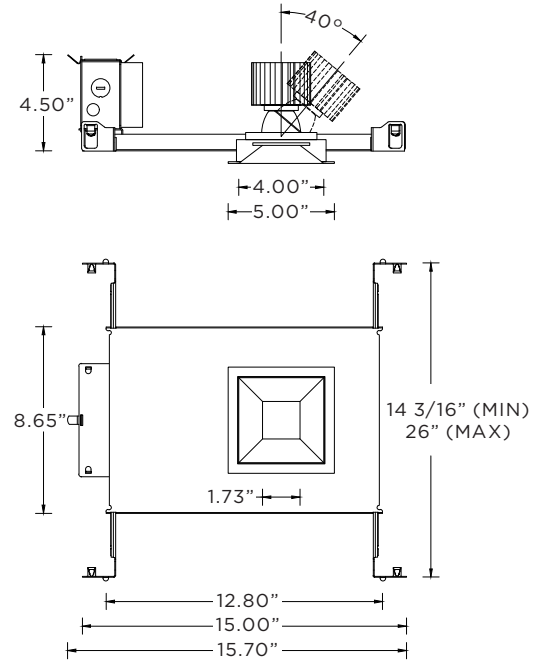
**MOUNTING**

Trim fixture designed for use in drywall, wood, acoustic, and other architectural ceilings  
Trimless fixture designed for use in drywall, mud-in ceiling applications  
Recommended ceiling cut-outs. Trim version (4 11/16" x 4 11/16"). Trimless version (5 1/16" x 5 1/16")  
New construction frame and IC rated shallow housings ship with bar hangers (14" to 26" extension)  
Standard new construction and IC housings available with optional c-channel bar hangers

**RMD - REMODEL (NON-IC)**

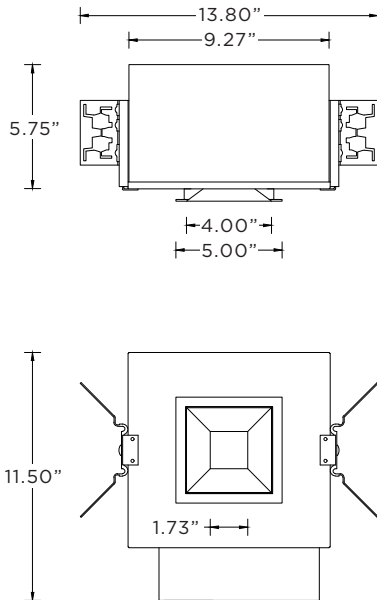


**NCF - NEW CONSTRUCTION FRAME (NON-IC)**

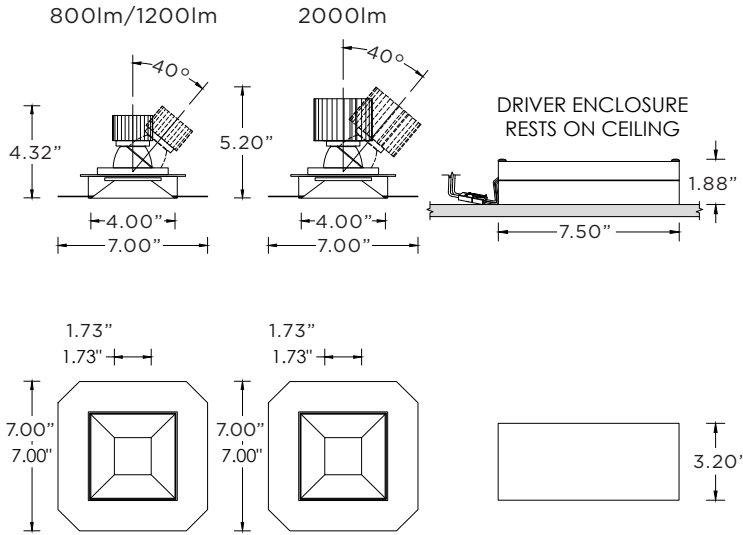


**NC - NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)**

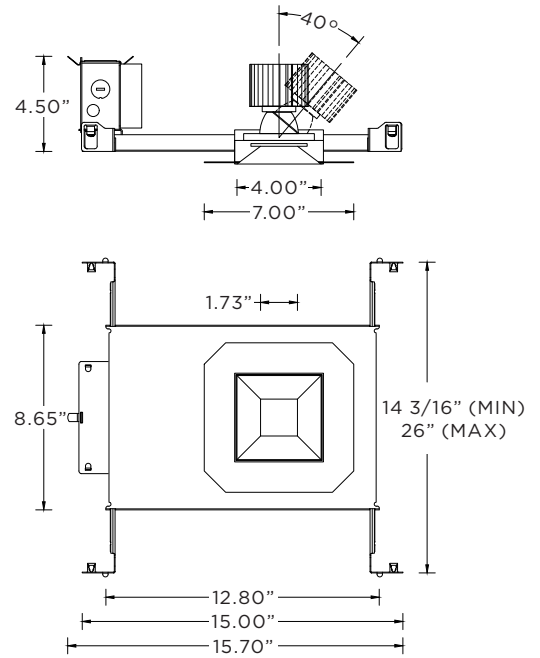
**IC - NEW CONSTRUCTION IC HOUSING**



**RMD - REMODEL (NON-IC)**

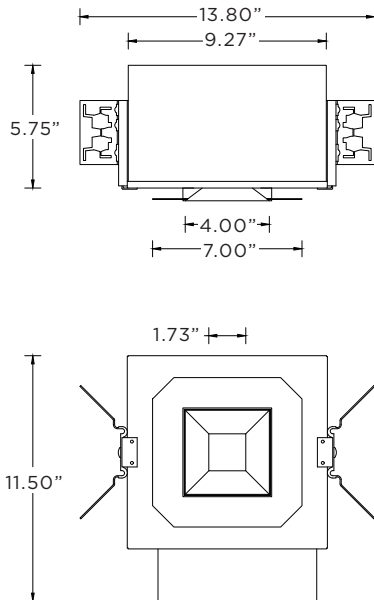


**NCF - NEW CONSTRUCTION FRAME (NON-IC)**

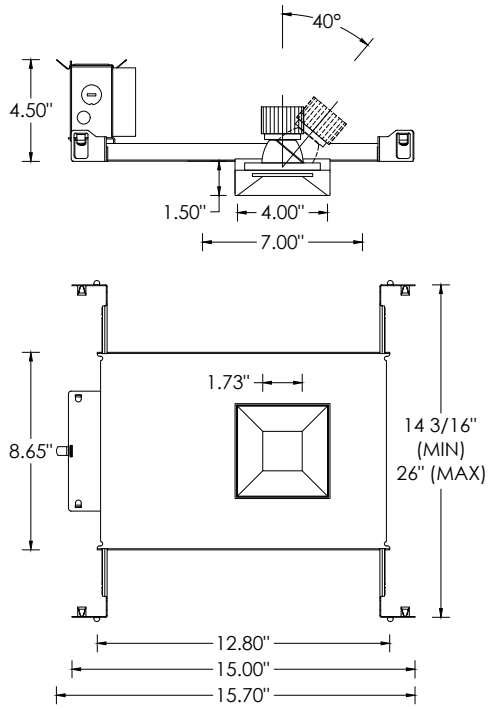


**NC - NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)**

**IC - NEW CONSTRUCTION IC HOUSING**



**NCF - NEW CONSTRUCTION FRAME (NON-IC)**



**NC - NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)**  
**IC - NEW CONSTRUCTION IC HOUSING**

