



## 3G-DL40SA

4.0" SQUARE ADJUSTABLE  
DOWNLIGHT

4.0" square, adjustable high performance downlight  
 Proprietary hot aiming mechanism with sliding center beam optimization  
 0° - 40° lockable tilt and 362° lockable rotation  
 Regressed LED source for enhanced glare control  
 Lumen range up to 3000lm (80+, 90+, and 97+ CRI options)  
 Remodel housing available along with other housing options  
 1% dimming standard with several integral driver options



### ORDERING INFORMATION

<b>PROJECT:</b>	<input type="text"/>	<b>TYPE:</b>	<input type="text"/>
<b>CATALOG #:</b>	<input type="text"/>	<b>DATE:</b>	<input type="text"/>

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE	VOLTAGE
<b>3G-DL40SA</b>	<b>10</b> - 1000 LUMENS	<b>S80</b> - 80+ CRI	<b>27K</b> - 2700K	<b>20D</b> - 20° <sup>2</sup>	<b>UNV</b> - 120/277V
	<b>15</b> - 1500 LUMENS	<b>H90</b> - 90+ CRI	<b>30K</b> - 3000K	<b>40D</b> - 40°	<b>120</b> - 120V
	<b>22</b> - 2200 LUMENS	<b>H97</b> - 97+ CRI <sup>1</sup>	<b>35K</b> - 3500K	<b>60D</b> - 60°	<b>347</b> - 347V (0-10V ONLY)
	<b>30</b> - 3000 LUMENS		<b>40K</b> - 4000K		

DRIVER	FLANGE TYPE	BEVELED INSERT	HOUSING TYPE
<b>DIM</b> - 0-10V (STANDARD 100-1%) <b>LE</b> - PHASE DIMMING <sup>3</sup> (TRIAC/ELV, 100-1%) <b>DO1</b> - 0-10V (eldoLED, 100-0.1%) <sup>4</sup> <b>DALI</b> - DALI (100-1%) <sup>4</sup> <b>DHL2</b> - LUTRON HI-LUME LDE1 (1% ECOSYSTEM) <b>DMX</b> - DMX (eldoLED, 100-0%) <sup>4</sup>	<b>WT</b> - WHITE TRIM <b>ST</b> - SILVER TRIM <b>BT</b> - BLACK TRIM <b>XTR</b> - TRIMLESS	<b>WI</b> - WHITE <b>SI</b> - SILVER <b>BI</b> - BLACK	<b>RMD</b> - REMODEL (NON-IC) <b>NCF</b> - NEW CONSTRUCTION FRAME (NON-IC) <b>NC</b> - NEW CONSTRUCTION HOUSING (CP RATED) <b>IC</b> - NEW CONSTRUCTION IC HOUSING <sup>5</sup>

OPTIONS
<b>SF70</b> - SOFTENING LENS (SUPPLIED STANDARD) <b>LS70</b> - LINEAR SPREAD LENS <b>SB70</b> - SANDBLASTED LENS <b>CP</b> - CHICAGO PLENUM <sup>6</sup> <b>BH</b> - C-CHANNEL BAR HANGERS <b>EMR</b> - EMERGENCY BATTERY (REMOTE) <sup>7</sup>  Maximum 1 optical accessory

<sup>1</sup> Available in 30K and 35K as standard  
<sup>2</sup> 20D reflector available up to 2200lm  
<sup>3</sup> Phase dimming options available in 120V only  
<sup>4</sup> DALI-2 (Type 6) provided as standard. Consult factory for DALI Type 8 option  
<sup>5</sup> New Construction IC housing available up to 2200lm  
<sup>6</sup> Chicago Plenum option available with New Construction Housing  
<sup>7</sup> Emergency battery installed remotely by others. Not accessible through the inside of the fixture

JULY 14, 2023



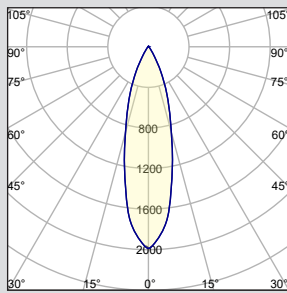
### PERFORMANCE CHART BASED ON 60° BEAM AND 3500K SOURCE WITH SOFTENING LENS

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)
<b>1000LMs</b>	761	10.4	73	670	10.4	64	624	10.4	60
<b>1500LMs</b>	1026	14.2	72	903	14.2	64	842	14.2	59
<b>2200LMs</b>	1511	22.5	67	1330	22.5	59	1239	22.5	55
<b>3000LMs</b>	1966	32.1	61	1730	32.1	54	1612	32.1	50

LUMEN OUTPUT ADJUSTMENT FACTORS	CCT	Multiplier
	2700K	0.945
	3000K	0.985
	3500K	1.00
	4000K	1.01

### PHOTOMETRY

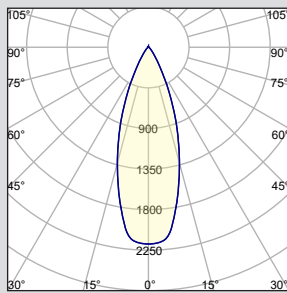
#### 20D - 20° BEAM ANGLE



#### 3G-DL40SA-15-S80-35K-20D

LUMEN OUTPUT: 1500LM  
 DELIVERED LUMENS: 915LMs  
 SYSTEM WATTS: 14.2W  
 EFFICACY: 64LPW  
 CRI: 80+  
 CCT: 3500K

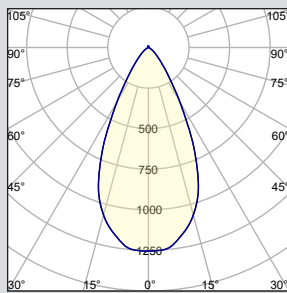
#### 40D - 40° BEAM ANGLE



#### 3G-DL40SA-15-S80-35K-40D

LUMEN OUTPUT: 1500LM  
 DELIVERED LUMENS: 1018LMs  
 SYSTEM WATTS: 14.2W  
 EFFICACY: 72LPW  
 CRI: 80+  
 CCT: 3500K

#### 60D - 60° BEAM ANGLE



#### 3G-DL40SA-15-S80-35K-60D

LUMEN OUTPUT: 1500LM  
 DELIVERED LUMENS: 1026LMs  
 SYSTEM WATTS: 14.2W  
 EFFICACY: 72LPW  
 CRI: 80+  
 CCT: 3500K

**TECHNICAL****HOUSING**

Remodel, new construction frame, shallow housing, and IC housing options available  
Maximum ceiling thickness of 1" (1.5" for Remodel housing). 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°, 40°, 60°  
All models provided standard with softening lens

**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**

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**

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 ships with bar hangers (14" to 26" extension)  
Standard new construction and IC housings available with optional c-channel bar hangers

**LISTING**

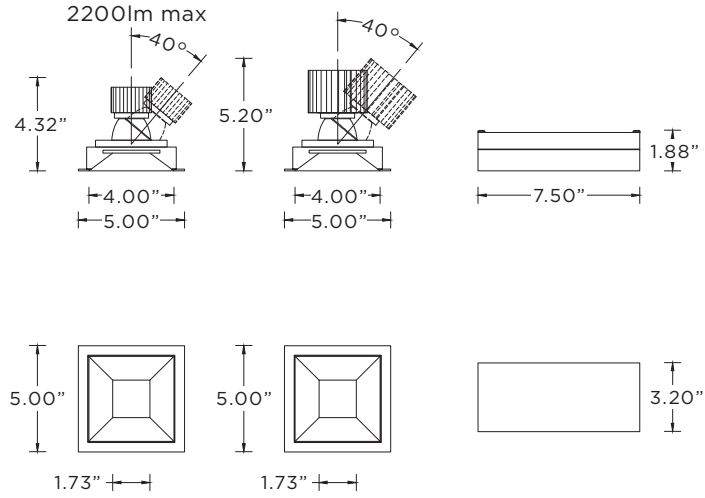
ETL listed and conforms to UL1598 standard. Certified to CSA22.2 NO.250.0. Rated for indoor dry or damp locations

**WARRANTY**

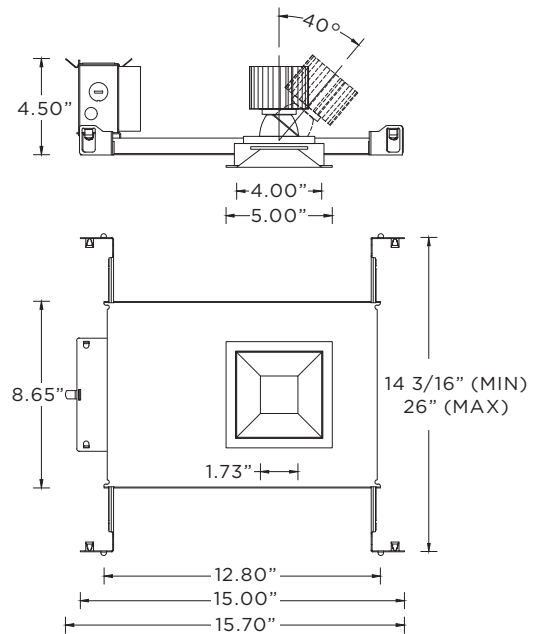
5 Year Warranty on LED and drivers  
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use  
Ambient temperature at fixture should not exceed 25°C

**TRIM HOUSING OPTIONS**

**RMD - Remodel (Non-IC)**

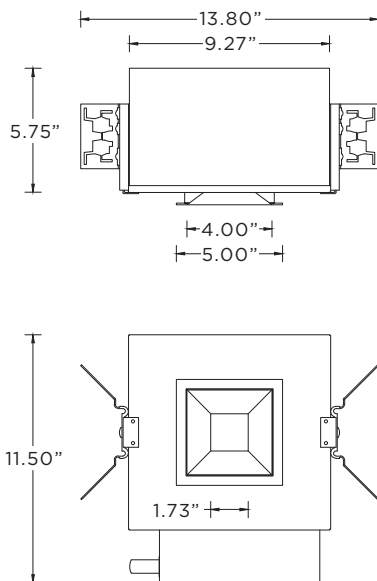


**NCF - New Construction Frame (Non-IC)**



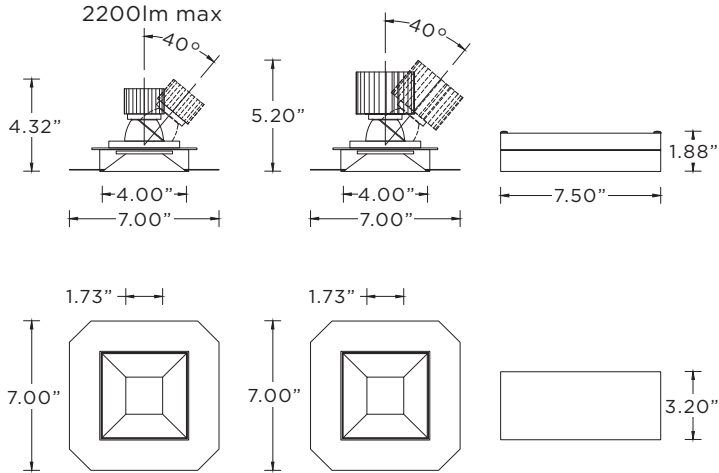
**NC - New Construction Housing (Non-IC and CP rated)**

**IC - New Construction IC Housing (2200lm max)**

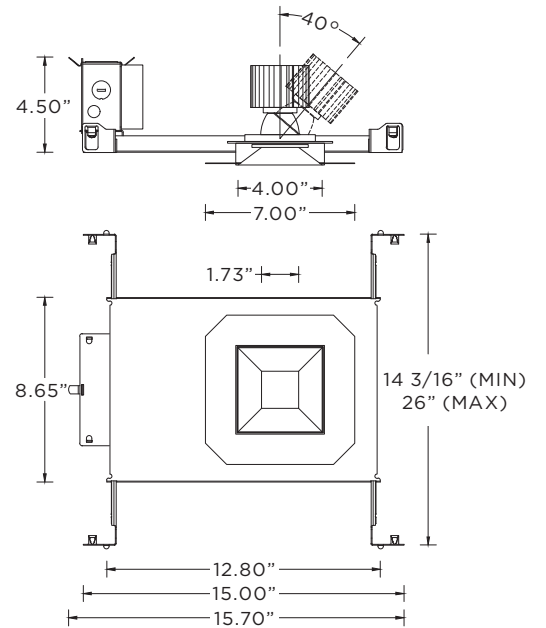


**TRIMLESS HOUSING OPTIONS**

**RMD - Remodel (Non-IC)**



**NCF - New Construction Frame (Non-IC)**



**NC - New Construction Housing (Non-IC and CP rated)**

**IC - New Construction IC Housing (2200lm max)**

