

# 3G LIGHTING

## 3G-DL33SWW

3.3" SQUARE WALL WASH  
DOWNLIGHT



Small 3.3" square, high performance wall wash downlight  
JA8 certified with max 1500lm output  
Regressed LED source for enhanced glare control  
Proprietary wall wash optic and lens  
Lumen range up to 3000lm (80+, 90+, and 97+ CRI options)  
Shallow housing available along with remodel and other housing options  
1% dimming standard with several integral driver options



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

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE	VOLTAGE
<b>3G-DL33SWW</b>	<b>10</b> - 1000 LUMENS <b>15</b> - 1500 LUMENS * <b>22</b> - 2200 LUMENS <b>30</b> - 3000 LUMENS  <small>*JA8 (Title 24) max lumen output is 1500lm.</small>	<b>S80</b> - 80+ CRI <sup>1</sup> <b>H90</b> - 90+ CRI <b>H97</b> - 97+ CRI <sup>1</sup>	<b>27K</b> - 2700K <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K	<b>WW</b> - WALL WASH	<b>UNV</b> - 120/277V <b>120</b> - 120V <b>347</b> - 347V <sup>2</sup>

DRIVER	FLANGE TYPE	BEVELED INSERT	HOUSING TYPE
<b>DIM</b> - 0-10V (100-1%) <b>LE</b> - PHASE DIM <sup>3</sup> <small>(TRIAC/ELV, 100-1%)</small> <b>DO1</b> - 0-10V (100-0.1%) <sup>4</sup> <b>DALI</b> - DALI (100-1%) <sup>4</sup> <b>DHL2</b> - LUTRON HI-LUME <small>(1% ECOSYSTEM)</small> <b>DMX</b> - DMX (100-0%) <sup>4</sup>	<b>WT</b> - WHITE TRIM <b>BT</b> - BLACK TRIM <b>ST</b> - SILVER TRIM <b>XTR</b> - TRIMLESS (MUD-IN DRYWALL) <b>MWF</b> - FLANGELESS MILLWORK <sup>5</sup>	<b>WI</b> - WHITE <b>BI</b> - BLACK <b>SI</b> - SILVER	<b>RMD</b> - REMODEL (NON-IC) <b>NCF</b> - NEW CONSTRUCTION <small>FRAME (NON-IC)</small> <b>SH</b> - SHALLOW HOUSING <sup>6</sup> <small>(IC RATED &amp; CP RATED)</small> <b>NC</b> - NEW CONSTRUCTION <small>HOUSING (CP RATED)</small> <b>IC</b> - NEW CONSTRUCTION <small>IC HOUSING <sup>6</sup></small>

OPTIONS
<b>CP</b> - CHICAGO PLENUM <sup>7</sup> <b>BH</b> - C-CHANNEL BAR HANGERS <b>EMR</b> - EMERGENCY BATTERY (REMOTE) <sup>8</sup>  <small>Maximum 1 optical accessory</small>

<sup>1</sup> S80 not available in 27K. H97 available in 30K and 35K as standard

<sup>2</sup> 347 available in "DIM" 0-10V only (100-1%)

<sup>3</sup> Phase dimming options available in 120V only

<sup>4</sup> DO1, DALI and DMX available up to 2200lm. DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

<sup>5</sup> MWF not available with Remodel (NON-IC)

<sup>6</sup> IC rated Shallow Housing and New Construction IC housing available up to 2200lm

<sup>7</sup> Chicago Plenum option available with Shallow Housing (2200lm max) and New Construction Housing

<sup>8</sup> Emergency battery installed remotely by others. Not accessible through the inside of the fixture

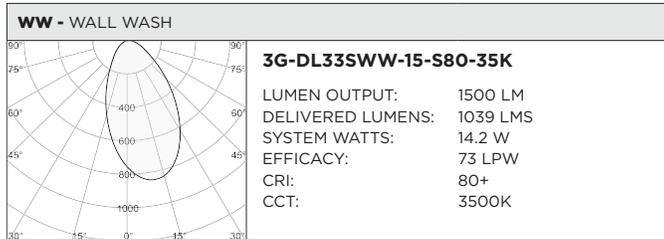


JA8 (Title 24) Listing available with 1500lm maximum  
Available in 90CRI only  
Driver options include "DIM" (0-10V) and "LE" (Phase dimming)

BASED ON WALL WASH OPTIC AND 3500K SOURCE

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>	767	10.4	74	675	10.4	65	629	10.4	60
<b>1500LMs</b>	1039	14.2	73	915	14.2	64	852	14.2	60
<b>2200LMs</b>	1487	22.5	66	1309	22.5	58	1220	22.5	54
<b>3000LMs</b>	1956	31.8	62	1722	31.8	54	1604	31.8	50

LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.97, 35K=1.00, 40K=1.01



**HOUSING**

Remodel, new construction frame, shallow housing, and IC housing options available

Maximum ceiling thickness of 1.5". Consult factory for modifications

All housing options (except millwork) 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  
3.3" 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

**OPTICS**

Regressed LED source for enhanced glare control  
Proprietary wall wash optic  
Asymmetrical lens provides uniformity and smooth illumination across and down the wall

**LISTING**

ETL listed and conforms to UL1598 standard. Certified to CSA22.2 No.250.0.  
JA8 certified  
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

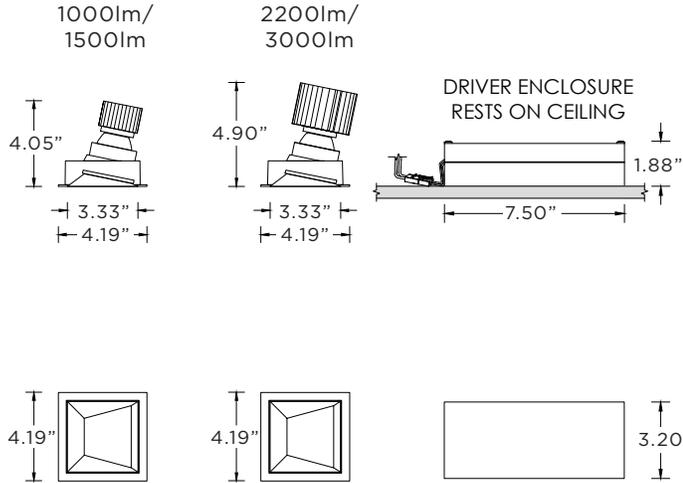
**LED SYSTEM**

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

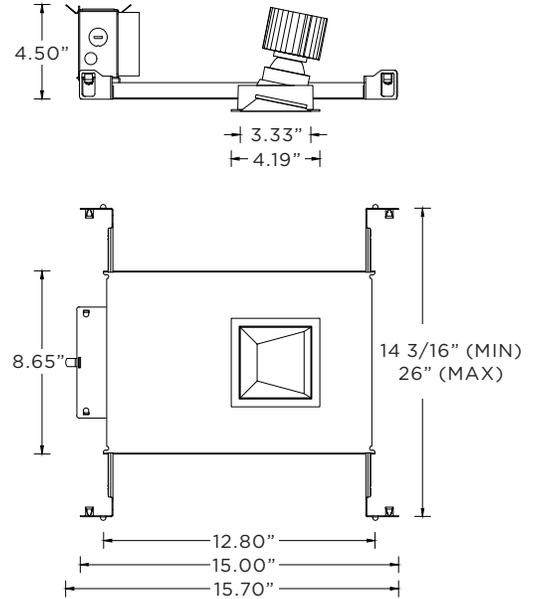
**MOUNTING**

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-out for Millwork Flangeless option (3.56" x 3.56" for ceilings up to 1"). Contact 3G for thicker ceilings  
Recommended ceiling cut-out for all housing options (3 15/16" x 3 15/16")  
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

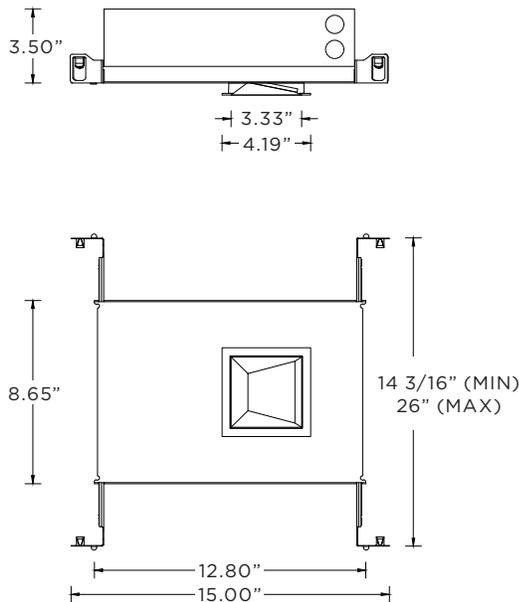
**RMD - REMODEL (NON-IC)**



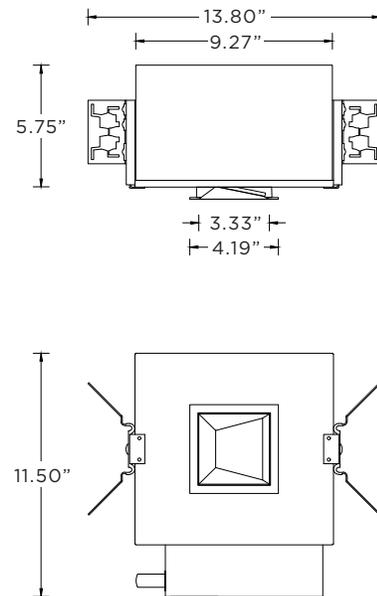
**NCF - NEW CONSTRUCTION FRAME (NON-IC)**



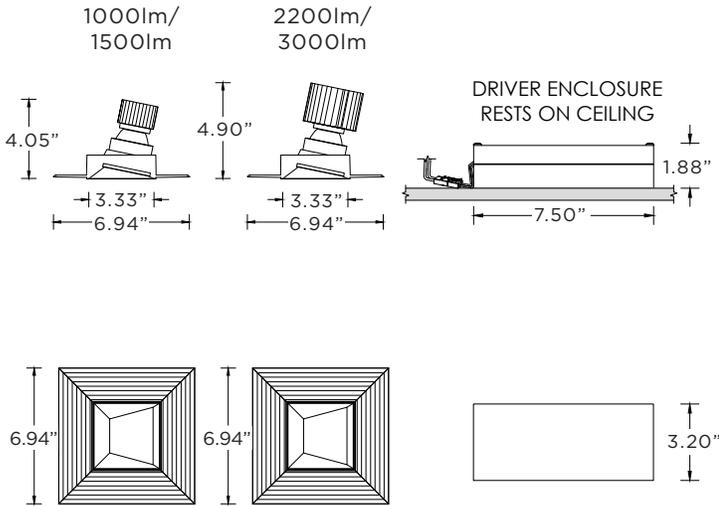
**SH - SHALLOW HOUSING (IC AND CHICAGO PLENUM RATED)  
(2200LM MAX)**



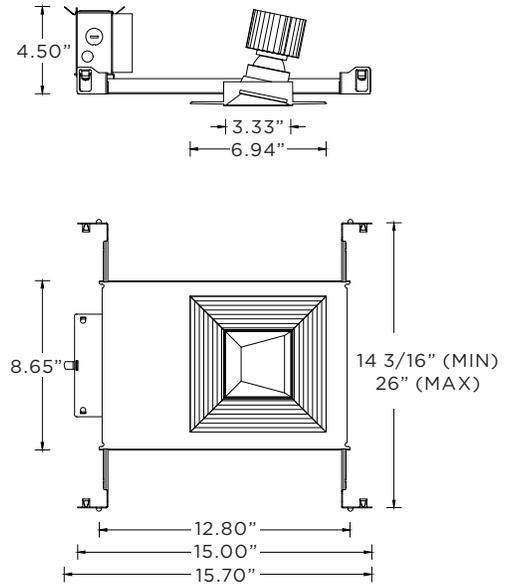
**NC - NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)  
IC - NEW CONSTRUCTION IC HOUSING (2200LM MAX)**



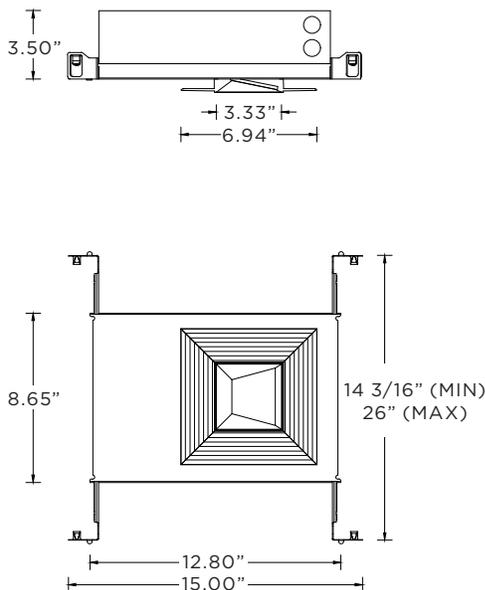
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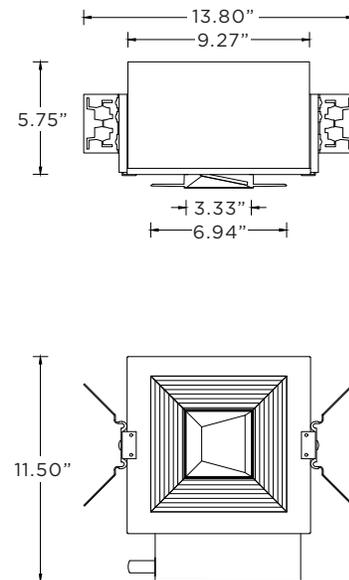
**NCF - NEW CONSTRUCTION FRAME (NON-IC)**



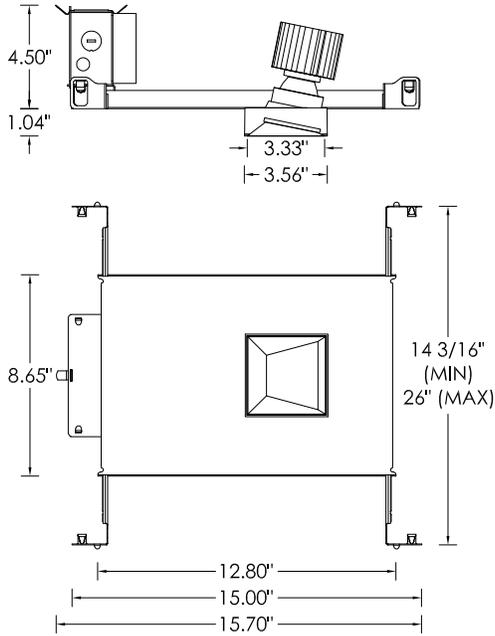
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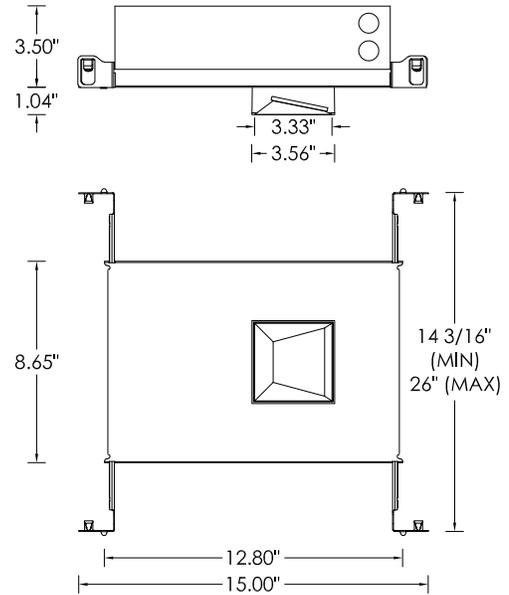
**NC - NEW CONSTRUCTION HOUSING (NON-IC AND CP RATED)  
IC - NEW CONSTRUCTION IC HOUSING (2200LM MAX)**



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



**SH - SHALLOW HOUSING (IC AND CHICAGO PLENUM RATED)  
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