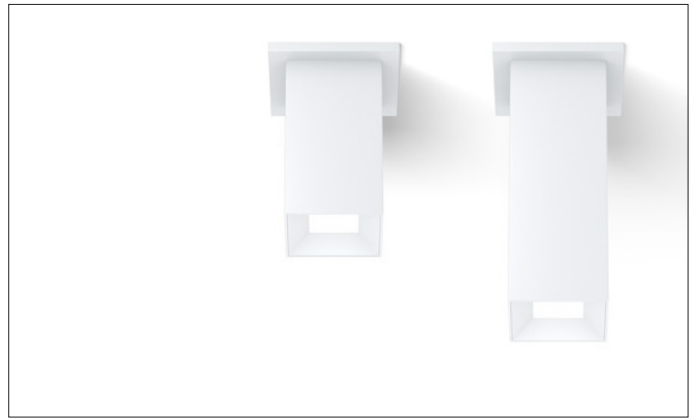


# 3G LIGHTING

## 3G-SDL33SF

3.3" SURFACE DOWNLIGHT  
7" AND 11" HEIGHT  
DYNAMIC WHITE

3.3" high performance downlight surface mounts  
Companion to 3G-DL33S series downlight family  
Extruded aluminum housing with powder coated finish  
Twist and lock construction and no visible hardware  
Regressed LED source for enhanced glare control  
Dim to Warm and Tunable White LED options up to 2000lm (90+ CRI)  
1% dimming standard with several integral driver options



**3GD 3GT**

### 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	FIXTURE HEIGHT	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE
<b>3G-SDL33SF</b>	<b>7H</b> - 7" HEIGHT*	<b>DW</b> - DIM TO WARM (1800-3000K)	<b>08</b> - 800 LUMENS	<b>H90</b> - 90+ CRI	<b>20D</b> - 20° <sup>4</sup>
	<b>11H</b> - 11" HEIGHT	<b>TW</b> - TUNABLE WHITE <sup>1</sup> (2700-6500K)	<b>12</b> - 1200 LUMENS <b>20</b> - 2000 LUMENS		<b>40D</b> - 40° <b>60D</b> - 60° <b>90D</b> - 90°
*7H available in Dim to Warm option only. Available up to 1200lm with integral driver (DIM & LE options). Select remote driver option for higher lumen outputs					

VOLTAGE	DRIVER	CYLINDER FINISH	INSERT FINISH
<b>UNV</b> - 120/277V <b>120</b> - 120V	<b>DIM</b> - 0-10V (STANDARD 100-1%) <b>LE</b> - PHASE DIMMING <sup>2</sup> (TRIAC/ELV, 100-1%) <b>LTEA</b> - LUTRON HI-LUME LTEA <sup>2</sup> (FWD PHASE, 100-1%) <b>DO1</b> - 0-10V (eldoLED, 100-0.1%) <sup>1</sup> <b>DALI</b> - DALI (eldoLED, 100-1%) <sup>1,3</sup> <b>DHL2</b> - LUTRON HI-LUME LDE1 (1% ECOSYSTEM) <b>DMX</b> - DMX (eldoLED, 100-0%) <sup>1</sup> <b>RDIM</b> - REMOTE 0-10 (100-1%) <b>RLE</b> - REMOTE PHASE DIMMING (TRIAC/ELV, 100-1%)	<b>WH</b> - WHITE <b>BK</b> - BLACK <b>SV</b> - SILVER <b>CF</b> - CUSTOM RAL COLOR	<b>WI</b> - WHITE <b>BI</b> - BLACK <b>SI</b> - SILVER <b>CI</b> - CUSTOM RAL COLOR
*Not available with 7H model	Remote drivers supplied with enclosure		

### OPTIONS

- SF60** - SOFTENING LENS
- SB60** - SANDBLASTED LENS
- LS60** - LINEAR SPREAD

Maximum 1 optical accessory  
Not available with 90D reflector option

<sup>1</sup> Tunable White option not available in 7" height. Available with DO1, DALI and DMX drivers  
<sup>2</sup> Phase dimming options available in 120V only  
<sup>3</sup> DALI-2 (Type 6) provided as standard. Consult factory for DALI Type 8 option  
<sup>4</sup> 20° reflector available with 800lm option only

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

JULY 13, 2021

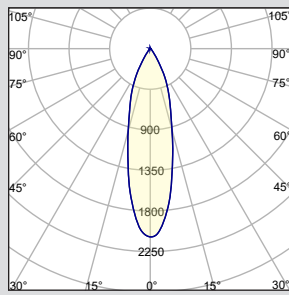


### PERFORMANCE CHART BASED ON 60° BEAM AND 3000K SOURCE WITH SOFTENING LENS

DIM TO WARM LUMEN OUTPUT	90+ CRI (3000K)		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
800LMs	N/A	N/A	N/A
1200LMs	1050	15.4	68
2000LMs	1473	23.2	63

### PHOTOMETRY

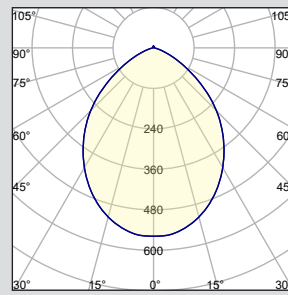
#### 20D - 20° BEAM ANGLE



#### 3G-SDL33SF-DW-08-H90-20D

LUMEN OUTPUT: 800LMs  
 DELIVERED LUMENS: 714LMs  
 SYSTEM WATTS: 10.3W  
 EFFICACY: 69LPW  
 CRI: 90+  
 CCT: 3000K

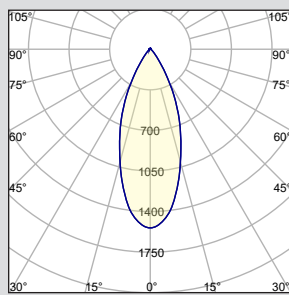
#### 90D - 90° BEAM ANGLE



#### 3G-SDL33SF-DW-12-H90-90D

LUMEN OUTPUT: 1200LM  
 DELIVERED LUMENS: 913LMs  
 SYSTEM WATTS: 15.4W  
 EFFICACY: 59LPW  
 CRI: 90+  
 CCT: 3000K

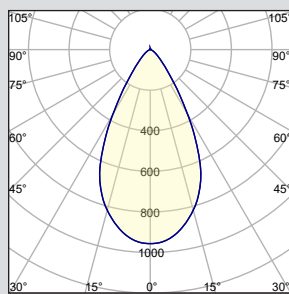
#### 40D - 40° BEAM ANGLE



#### 3G-SDL33SF-DW-12-H90-40D

LUMEN OUTPUT: 1200LM  
 DELIVERED LUMENS: 1042LMs  
 SYSTEM WATTS: 15.4W  
 EFFICACY: 68LPW  
 CRI: 90+  
 CCT: 3000K

#### 60D - 60° BEAM ANGLE



#### 3G-SDL33SF-DW-12-H90-60D

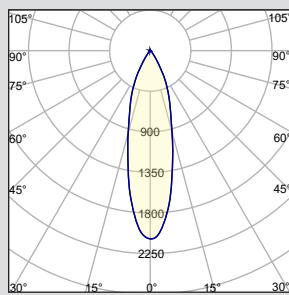
LUMEN OUTPUT: 1200LM  
 DELIVERED LUMENS: 1050LMs  
 SYSTEM WATTS: 15.4W  
 EFFICACY: 68LPW  
 CRI: 90+  
 CCT: 3000K

### PERFORMANCE CHART BASED ON 60° BEAM ANGLE WITH SOFTENING LENS

TUNABLE WHITE 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>	976	16.6	59	1047	16.6	63	1153	16.6	69
<b>2000LMs</b>	1407	24.5	57	1435	24.5	59	1679	24.5	69

### PHOTOMETRY

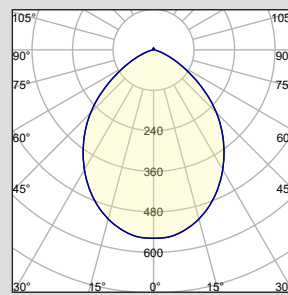
#### 20D - 20° BEAM ANGLE



#### 3G-SDL33SF-TW-08-H90-20D

LUMEN OUTPUT: 800LM  
 DELIVERED LUMENS: 739LMs  
 SYSTEM WATTS: 12.6W  
 EFFICACY: 59LPW  
 CRI: 90+  
 CCT: 3500K

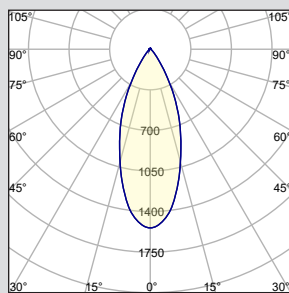
#### 90D - 90° BEAM ANGLE



#### 3G-SDL33SF-TW-12-H90-90D

LUMEN OUTPUT: 1200LM  
 DELIVERED LUMENS: 911LMs  
 SYSTEM WATTS: 16.6W  
 EFFICACY: 55LPW  
 CRI: 90+  
 CCT: 3500K

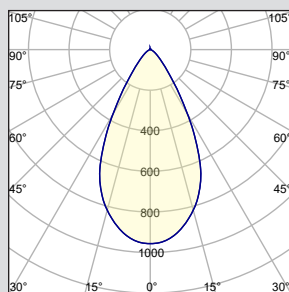
#### 40D - 40° BEAM ANGLE



#### 3G-SDL33SF-TW-12-H90-40D

LUMEN OUTPUT: 1200LM  
 DELIVERED LUMENS: 1036LMs  
 SYSTEM WATTS: 16.6W  
 EFFICACY: 62LPW  
 CRI: 90+  
 CCT: 3500K

#### 60D - 60° BEAM ANGLE



#### 3G-SDL33SF-TW-12-H90-60D

LUMEN OUTPUT: 1200LM  
 DELIVERED LUMENS: 1047LMs  
 SYSTEM WATTS: 16.6W  
 EFFICACY: 63LPW  
 CRI: 90+  
 CCT: 3500K

**TECHNICAL****HOUSING**

Extruded aluminum housing with powder coated finish  
Twist and lock construction with no visible hardware

**BEVELED INSERT**

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

**OPTICS**

Proprietary anodized, aluminum reflectors are field replaceable (20° reflector not interchangeable)  
Available in 20°, 40°, 60° and 90°

**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  
Integral drivers are easily accessible through fixture aperture

**LED SYSTEM**

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

**MOUNTING**

All hardware included for mounting to 4" octagonal junction box  
Twist and lock mechanism

**LISTING**

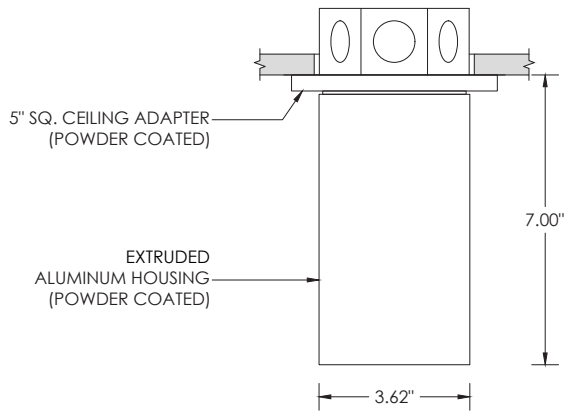
ETL listed and tested to cUL standards. Suitable for dry and damp locations

**WARRANTY**

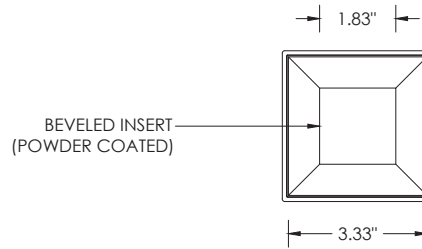
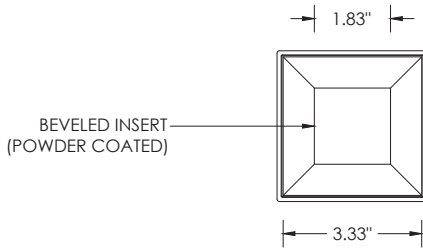
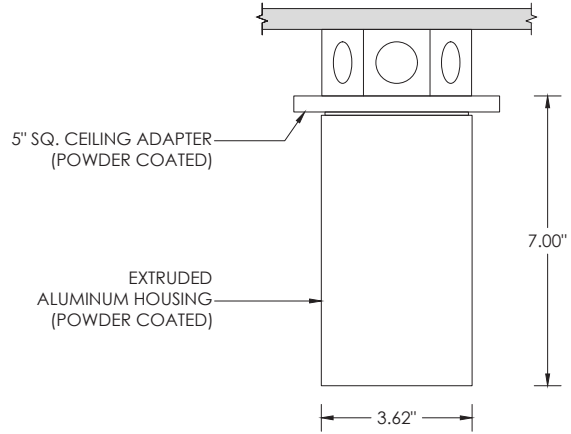
5 Year Warranty on LED and drivers  
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use  
Ambient temperature at fixture should not exceed 25°C

### DRAWINGS AND DIMENSIONS 7" HEIGHT

#### RECESSED J-BOX (4" OCTAGONAL BY OTHERS)

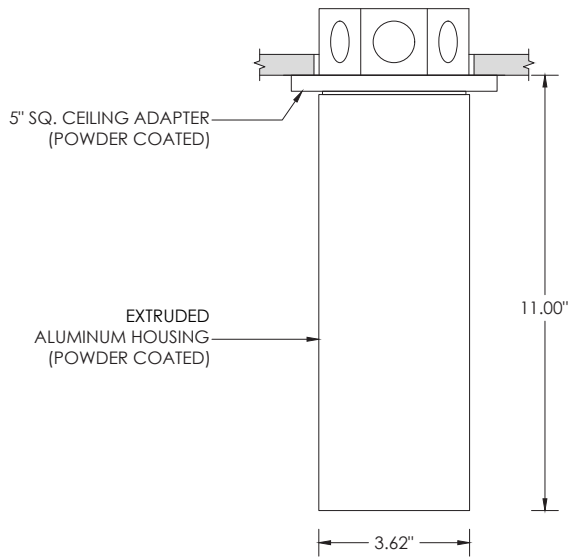


#### SURFACE MOUNTED J-BOX (4" OCTAGONAL BY OTHERS)



### DRAWINGS AND DIMENSIONS 11" HEIGHT

**RECESSED J-BOX  
(4" OCTAGONAL BY OTHERS)**



**SURFACE MOUNTED J-BOX  
(4" OCTAGONAL BY OTHERS)**

