

# 3G LIGHTING

## 3G-SDL33SF

3.3" SURFACE DOWNLIGHT  
7" AND 11" HEIGHT



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  
Lumen range up to 2200lm (80+, 90+, and 97+ CRI 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	FIXTURE HEIGHT	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE
3G-SDL33SF	7H - 7" HEIGHT *	10 - 1000 LUMENS	S80 - 80+ CRI <sup>1</sup>	27K - 2700K	20D - 20°
	11H - 11" HEIGHT	15 - 1500 LUMENS	H90 - 90+ CRI	30K - 3000K	40D - 40°
		22 - 2200 LUMENS	H97 - 97+ CRI <sup>1</sup>	35K - 3500K 40K - 4000K	60D - 60° 90D - 90°
	*7H available up to 1500lm with integral driver (DIM & LE options). Select remote driver option for higher lumen outputs				

VOLTAGE	DRIVER	HOUSING FINISH	INSERT FINISH
UNV - 120/277V 120 - 120V 347 - 347V <sup>2</sup>	DIM - 0-10V (100-1%) LE - PHASE DIM <sup>3</sup> (TRIAC/ELV, 100-1%) D01 - 0-10V (100-0.1%) DALI - DALI (100-1%) <sup>4</sup> DHL2 - LUTRON HI-LUME (1% ECOSYSTEM) DMX - DMX (100-0%) RDIM - REMOTE 0-10 (100-1%) RLE - REMOTE PHASE (TRIAC/ELV, 100-1%)	WH - WHITE BK - BLACK SV - SILVER CF - CUSTOM RAL COLOR	WI - WHITE BI - BLACK SI - SILVER CI - CUSTOM RAL COLOR
*Not available with 7H model	Remote drivers supplied with enclosure		

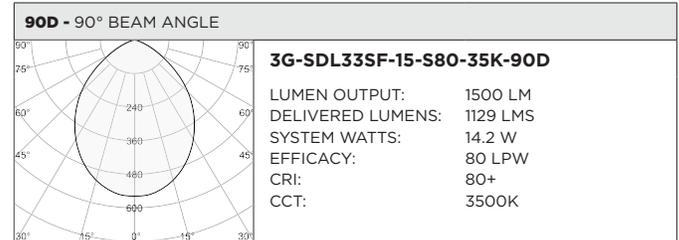
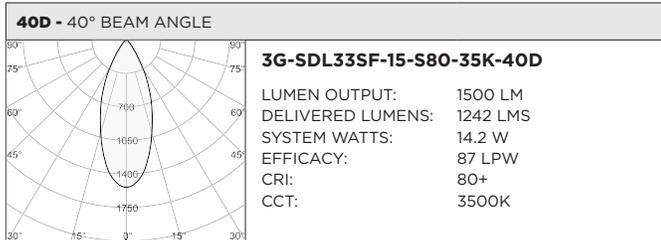
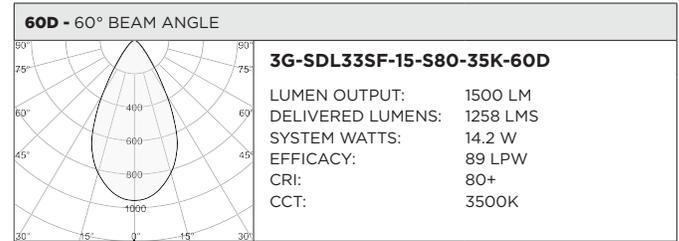
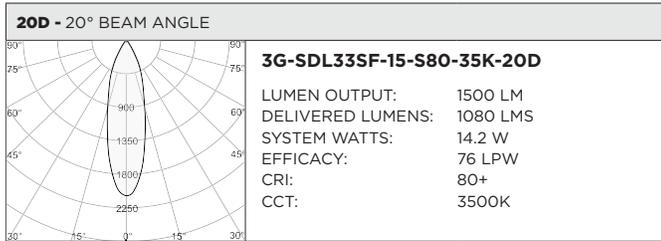
OPTIONS
LS - LINEAR SPREAD LENS SB - SANDBLASTED LENS SF - SOFTENING LENS (SUPPLIED STANDARD) EMR - EMERGENCY BATTERY (REMOTE) <sup>5</sup>
Maximum 1 optical accessory Not available with 90D reflector option

- 1 S80 not available in 27K. H97 available in 30K and 35K as standard
- 2 347 available in "DIM" 0-10V and "RDIM" 0-10V only (100-1%). Not available with 7H model
- 3 Phase dimming options available in 120V only
- 4 DALI-2 (Type 6) provided as standard. Consult factory for DALI Type 8 option
- 5 Emergency battery installed remotely by others. Not accessible through the inside of the fixture

BASED ON 60° BEAM ANGLE 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>	925	10.4	89	814	10.4	78	759	10.4	73
<b>1500LMs</b>	1258	14.2	89	1107	14.2	78	1031	14.2	73
<b>2200LMs*</b>	1832	22.5	81	1612	22.5	72	1502	22.5	67

LUMEN OUTPUT MULTIPLIER: 27K=0.94, 30K=0.97, 35K=1.00, 40K=1.01  
\*FOR 7" MODEL (7H) WITH INTEGRAL DRIVER AND 2200LM OPTION, USE A MULTIPLIER OF 0.91



## 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°

## 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  
120V Forward Phase/Reverse Phase driver option with 100-1% dimming range  
Standard 120/277V universal voltage with several driver options  
All drivers are integral and easily accessible through luminaire aperture  
7" models include 0-10V drivers that operate only with dimmers that sink current (not designed for source current)  
Compatible 0-10V dimmers for all 7" height models listed below:  
**Lutron** NFTV, **Lutron** DDTV , **Lutron** DVSTV, **Lutron** VIVE RMJS-8TN, **Leviton** IP710-DLZ, **Philips** SR1200ZTUNV, **Cooper** SF10P

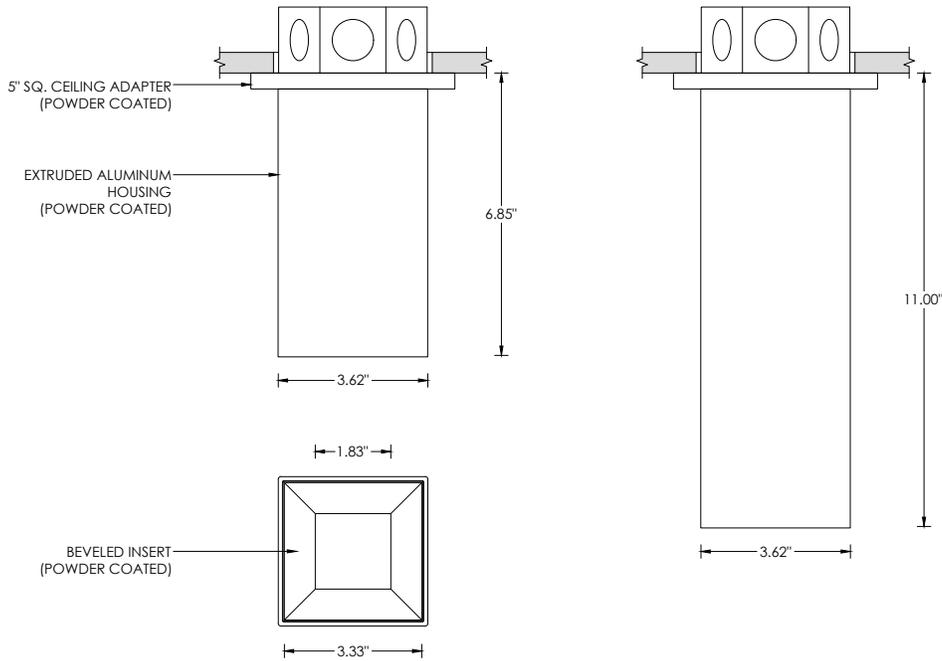
## LED SYSTEM

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

All hardware included for mounting to 4" octagonal junction box  
Conduit feed cut-out canopy option designed to mount to 4" octagonal junction box  
Seamless canopy option designed to mount to 4" octagonal junction box for new construction only  
Twist and lock mechanism

**RECESSED 4" OCTAGONAL JUNCTION BOX BY OTHERS**  
STANDARD CANOPY MOUNT



**RECESSED 4" OCTAGONAL JUNCTION BOX BY OTHERS**  
SEAMLESS CANOPY MOUNT (FXC OPTION) FOR NEW CONSTRUCTION ONLY

