



## 3G-SDL33RF70

3.3" DOWNLIGHT CYLINDER  
DEEP REGRESS  
7" AND 11" HEIGHT

3.3" diameter high performance cylinders  
Companion to 3G-DL33R series downlight family  
Extruded aluminum housing with powder coated finish  
Regressed LED source for enhanced glare control  
Lumen range up to 3000lm (80+, 90+, and 97+ CRI 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	FIXTURE HEIGHT	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE
<b>3G-SDL33RF70</b>	<b>7H</b> - 7" HEIGHT*	<b>10</b> - 1000 LUMENS	<b>S80</b> - 80+ CRI	<b>27K</b> - 2700K	<b>10D</b> - 10° <sup>2</sup>
	<b>11H</b> - 11" HEIGHT	<b>15</b> - 1500 LUMENS	<b>H90</b> - 90+ CRI	<b>30K</b> - 3000K	<b>20D</b> - 20°
		<b>22</b> - 2200 LUMENS	<b>H97</b> - 97+ CRI <sup>1</sup>	<b>35K</b> - 3500K	<b>40D</b> - 40°
		<b>30</b> - 3000 LUMENS		<b>40K</b> - 4000K	<b>60D</b> - 60°
	*7H available up to 2200lm with integral driver (DIM & LE options). Select remote driver for 3000lm output				<b>85D</b> - 85°

VOLTAGE	DRIVER	HOUSING FINISH	INSERT FINISH
<b>UNV</b> - 120/277V	<b>DIM</b> - 0-10V (STANDARD 100-1%)	<b>WH</b> - WHITE	<b>WI</b> - WHITE
<b>120</b> - 120V	<b>LE</b> - PHASE DIMMING <sup>3</sup> (TRIAC/ELV, 100-1%)	<b>BK</b> - BLACK	<b>BI</b> - BLACK
<b>347</b> - 347V (0-10V ONLY)*	<b>LTEA</b> - LUTRON HI-LUME LTEA <sup>3</sup> (FWD PHASE, 100-1%)	<b>SV</b> - SILVER	<b>SI</b> - SILVER
	<b>D01</b> - 0-10V (eldoLED, 100-0.1%) <sup>5</sup>	<b>CF</b> - CUSTOM RAL COLOR	<b>CI</b> - CUSTOM RAL COLOR
	<b>DALI</b> - DALI (eldoLED, 100-1%) <sup>4,5</sup>		
	<b>DHL2</b> - LUTRON HI-LUME LDE1 (1% ECOSYSTEM)		
	<b>DMX</b> - DMX (eldoLED, 100-0%) <sup>5</sup>		
	<b>RDIM</b> - REMOTE 0-10 (100-1%)		
	<b>RLE</b> - REMOTE PHASE DIMMING (TRIAC/ELV, 100-1%)		
*Not available with 7H model	Remote drivers supplied with enclosure		

### OPTIONS

- SF70** - SOFTENING LENS
- SB70** - SANDBLASTED LENS
- LS70** - LINEAR SPREAD
- CFW** - WHITE CONDUIT FEED CANOPY
- CFB** - BLACK CONDUIT FEED CANOPY
- CFS** - SILVER CONDUIT FEED CANOPY
- EMR** - EMERGENCY BATTERY (REMOTE)<sup>6</sup>

Maximum 1 optical accessory  
Not available with 85D reflector option

- <sup>1</sup> 97+ CRI 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> 3000LM option not available with D01, DALI and DMX driver options
- <sup>6</sup> Emergency battery installed remotely by others. Not accessible through the inside of the fixture

FEBRUARY 04, 2022





# 3G-SDL33RF70

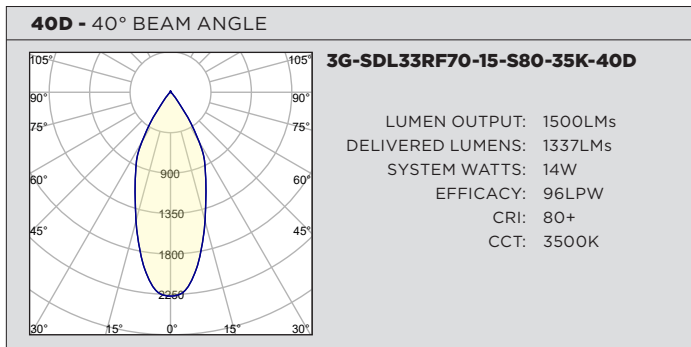
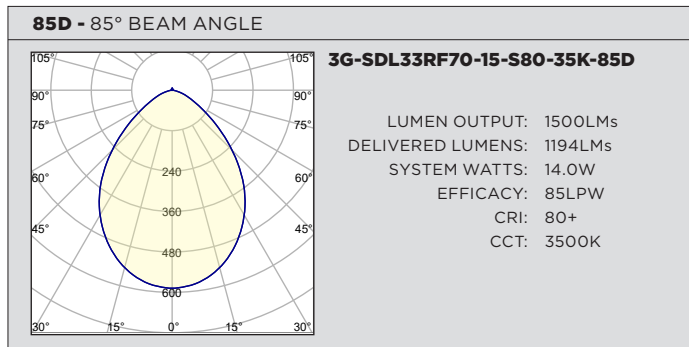
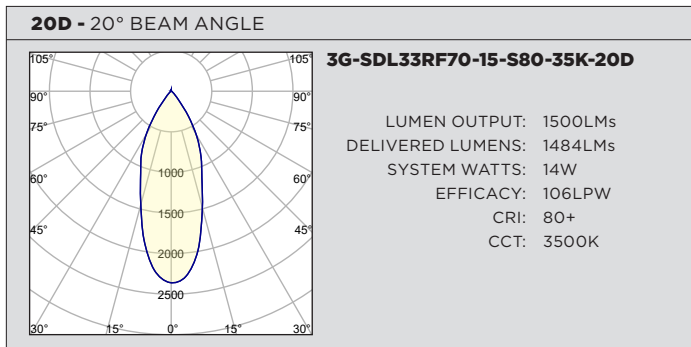
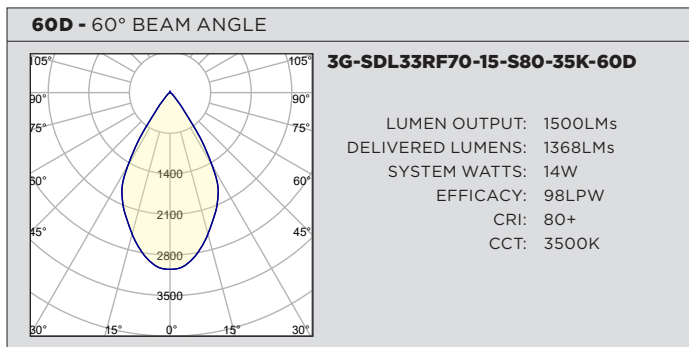
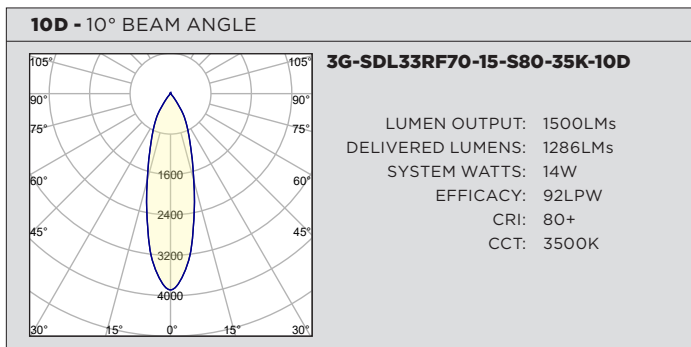
LIGHTING 3.3" DOWNLIGHT CYLINDER DEEP REGRESS 7" AND 11" HEIGHT

## PERFORMANCE CHART BASED ON 20° BEAM ANGLE 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)
1000LMs	1081	10.3	105	951	10.3	92	818	10.3	79
1500LMs	1484	14.0	106	1306	14.0	93	1096	14.0	78
2200LMs	2197	21.9	100	1933	21.9	88	1643	21.9	75
3000LMs	2724	31.3	87	2397	31.3	77	2086	31.3	67

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

## PHOTOMETRY





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LIGHTING 3.3" DOWNLIGHT CYLINDER DEEP REGRESS 7" AND 11" HEIGHT

## 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 (10° reflector not interchangeable)  
Available in 10°, 20°, 40°, 60° and 85°

### 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

### 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  
Twist and lock mechanism

### LISTING

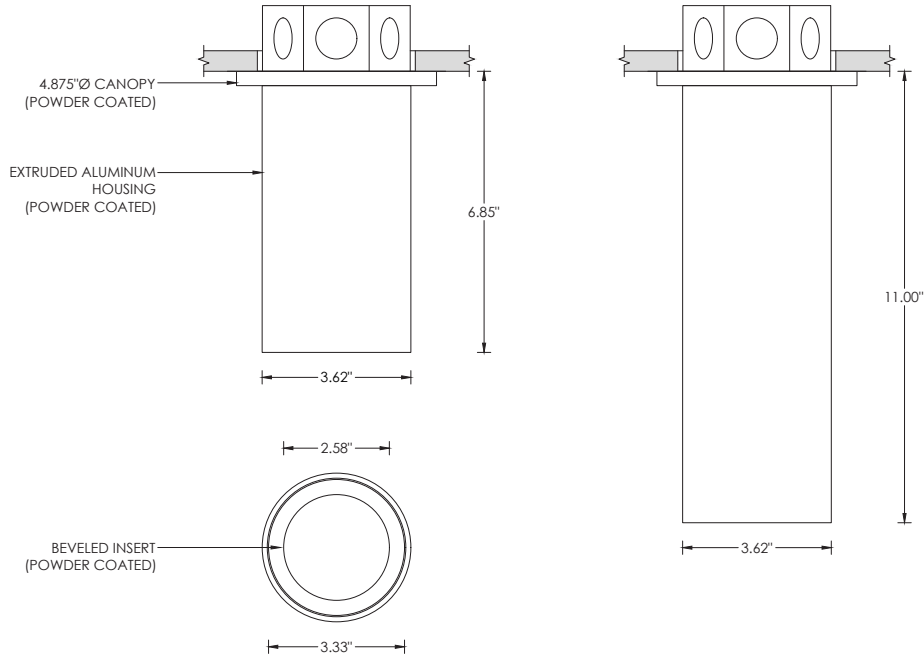
ETL listed and tested to cUL standards. Suitable for dry and damp locations

### WARRANTY

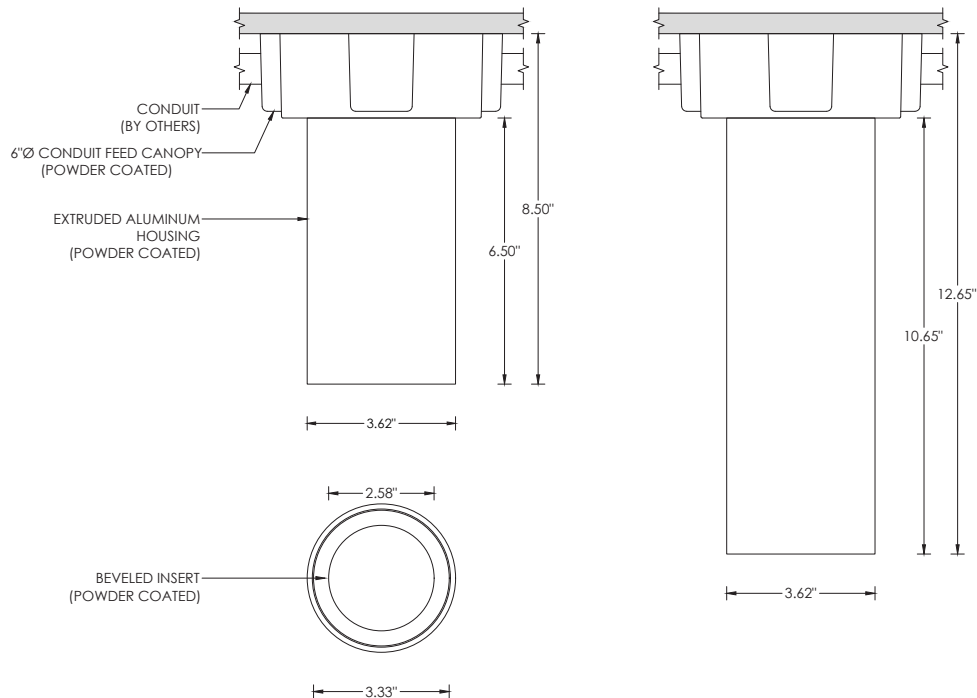
5 Year Warranty on LED and drivers  
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use  
Ambient temperature at fixture should not exceed 25°C

### DRAWINGS AND DIMENSIONS

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



#### SURFACE 4" OCTAGONAL X 1.5" DEEP JUNCTION BOX BY OTHERS CONDUIT FEED CANOPY MOUNT (CFX OPTION)





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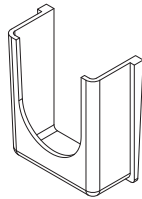
LIGHTING 3.3" DOWNLIGHT CYLINDER DEEP REGRESS 7" AND 11" HEIGHT

**DRAWINGS AND DIMENSIONS**

**CONDUIT FEED CANOPY MOUNTING OPTIONS**



CONDUIT COVER  
3 PROVIDED WITH EACH  
CONDUIT FEED CANOPY



BLANK  
2 PROVIDED WITH EACH  
CONDUIT FEED CANOPY

