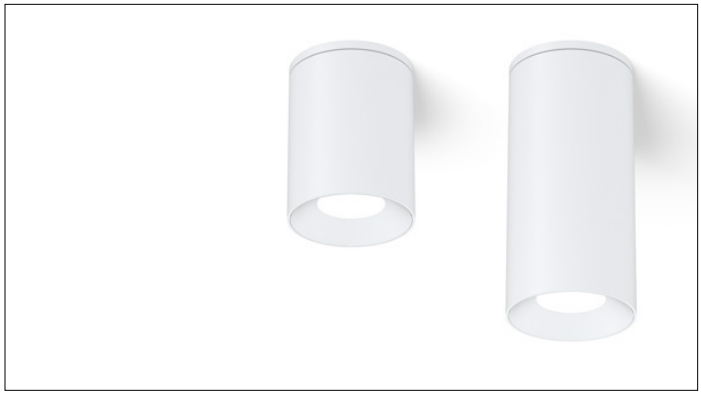
3G-SDL45RF

4" DOWNLIGHT CYLINDER
7" AND 11" HEIGHT
DYNAMIC WHITE



4" diameter high performance cylinders
Companion to 3G-DL45R 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

PROJECT:		**TYPE:**			
CATALOG#:		**DATE:**		**QTY:**	

CAT. NO	FIXTURE HEIGHT	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE
3G-SDL45RF	**7H -** 7" HEIGHT *	**DW -** DIM TO WARM (1800-3000K)	**08 -** 800 LUMENS	**H90 -** 90+ CRI	**10D -** 10° [2]
	11H - 11" HEIGHT	**TW -** TUNABLE WHITE [1] (2700-6500K)	**12 -** 1200 LUMENS		**20D -** 20°
			20 - 2000 LUMENS		**40D -** 40°
					60D - 60°
					90D - 90° *
	*7H available in Dim to Warm only. Maximum 1200lm output (DIM and LE only)				*90D reflector supplied standard with lens

VOLTAGE	DRIVER	HOUSING FINISH	INSERT FINISH
UNV - 120/277V	**DIM -** 0-10V (100-1%)	**WH -** WHITE	**WI -** WHITE
120 - 120V	**LE -** PHASE DIM [3] (TRIAC/ELV, 100-1%)	**BK -** BLACK	**BI -** BLACK
	D01 - 0-10V (100-0.1%) [1]	**SV -** SILVER	**SI -** SILVER
	DALI - DALI (100-1%) [1,4]	**CF -** CUSTOM RAL COLOR	**CI -** CUSTOM RAL COLOR
	DHL2 - LUTRON HI-LUME (1% ECOSYSTEM)		
	DMX - DMX (100-0%) [1]		

OPTIONS
LS - LINEAR SPREAD LENS
SB - SANDBLASTED LENS
SF - SOFTENING LENS (SUPPLIED STANDARD)
CFW - WHITE CONDUIT FEED CANOPY
CFB - BLACK CONDUIT FEED CANOPY
CFS - SILVER CONDUIT FEED CANOPY
EMR - EMERGENCY BATTERY (REMOTE) [5]
Maximum 1 optical accessory only Not available with 90D reflector option

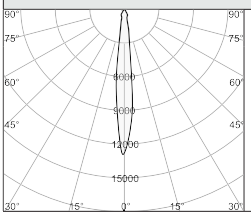
1 Tunable White option not available in 7" height. 11" model available with D01, DALI and DMX driver options only
2 10D reflector available with 800lm option only
3 Phase dimming options available in 120V only
4 DALI-2 (Type 6) provided as standard. Consult factory for DALI Type 8 option
5 Fixture operates at 6500K in emergency mode. Emergency battery installed remotely by others. Not accessible through the inside of the fixture

3GD - Warm Dim
3GT - Tunable White

BASED ON 20° BEAM ANGLE AND 3500K SOURCE

LUMEN OUTPUT	90+ CRI		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
800LMs	N/A	N/A	N/A
1200LMs	1200	15.4	78
2000LMs	1689	23.2	73

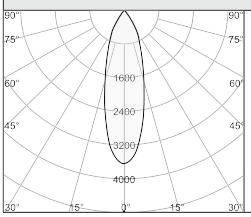
10D - 10° BEAM ANGLE



3G-SDL45RF-DW-08-H90-10D

LUMEN OUTPUT:	800 LMs
DELIVERED LUMENS:	887 LMs
SYSTEM WATTS:	10.0 W
EFFICACY:	86 LPW
CRI:	90+
CCT:	3500K

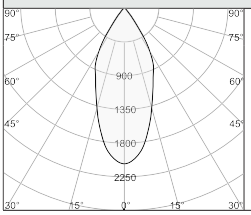
20D - 20° BEAM ANGLE



3G-SDL45RF-DW-08-H90-20D

LUMEN OUTPUT:	1200 LMs
DELIVERED LUMENS:	1200 LMS
SYSTEM WATTS:	15.4 W
EFFICACY:	78 LPW
CRI:	90+
CCT:	3500K

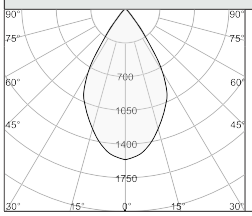
40D - 40° BEAM ANGLE



3G-SDL45RF-DW-08-H90-40D

LUMEN OUTPUT:	1200 LM
DELIVERED LUMENS:	1196 LMS
SYSTEM WATTS:	15.4 W
EFFICACY:	78 LPW
CRI:	90+
CCT:	3500K

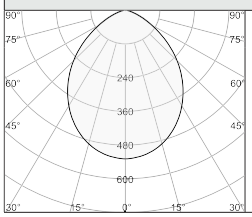
60D - 60° BEAM ANGLE



3G-SDL45RF-DW-08-H90-60D

LUMEN OUTPUT:	1200 LM
DELIVERED LUMENS:	1234 LMS
SYSTEM WATTS:	15.4 W
EFFICACY:	80 LPW
CRI:	90+
CCT:	3500K

90D - 90° BEAM ANGLE



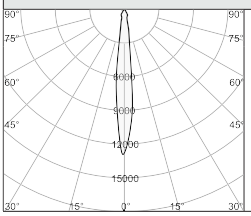
3G-SDL45RF-DW-08-H90-90D

LUMEN OUTPUT:	1200 LM
DELIVERED LUMENS:	1064 LMS
SYSTEM WATTS:	15.4 W
EFFICACY:	69 LPW
CRI:	90+
CCT:	3500K

BASED ON 20° BEAM ANGLE

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)
800LMs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1200LMs	1143	16.6	69	1180	16.6	71	1284	16.6	77
2000LMs	1622	24.5	66	1694	24.5	69	1807	24.5	74

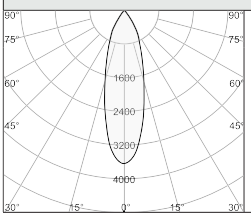
10D - 10° BEAM ANGLE



3G-SDL45RF-TW-08-H90-10D

LUMEN OUTPUT:	800 LM
DELIVERED LUMENS:	918 LMS
SYSTEM WATTS:	12.6 W
EFFICACY:	73 LPW
CRI:	90+
CCT:	3500K

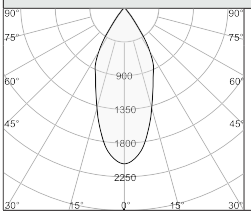
20D - 20° BEAM ANGLE



3G-SDL45RF-TW-08-H90-20D

LUMEN OUTPUT:	1200 LM
DELIVERED LUMENS:	1180 LMS
SYSTEM WATTS:	16.6 W
EFFICACY:	71 LPW
CRI:	90+
CCT:	3500K

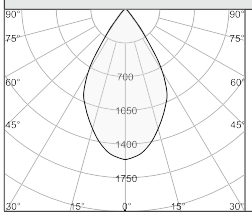
40D - 40° BEAM ANGLE



3G-SDL45RF-TW-08-H90-40D

LUMEN OUTPUT:	1200 LM
DELIVERED LUMENS:	1152 LMS
SYSTEM WATTS:	16.6 W
EFFICACY:	69 LPW
CRI:	90+
CCT:	3500K

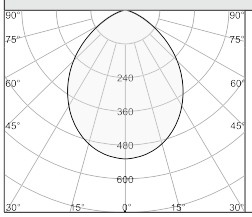
60D - 60° BEAM ANGLE



3G-SDL45RF-TW-08-H90-60D

LUMEN OUTPUT:	1200 LM
DELIVERED LUMENS:	1202 LMS
SYSTEM WATTS:	16.6 W
EFFICACY:	72 LPW
CRI:	90+
CCT:	3500K

90D - 90° BEAM ANGLE



3G-SDL45RF-TW-08-H90-90D

LUMEN OUTPUT:	1200 LM
DELIVERED LUMENS:	1046 LMS
SYSTEM WATTS:	16.6 W
EFFICACY:	63 LPW
CRI:	90+
CCT:	3500K

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

BEVELED INSERT
4" 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 90°

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

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

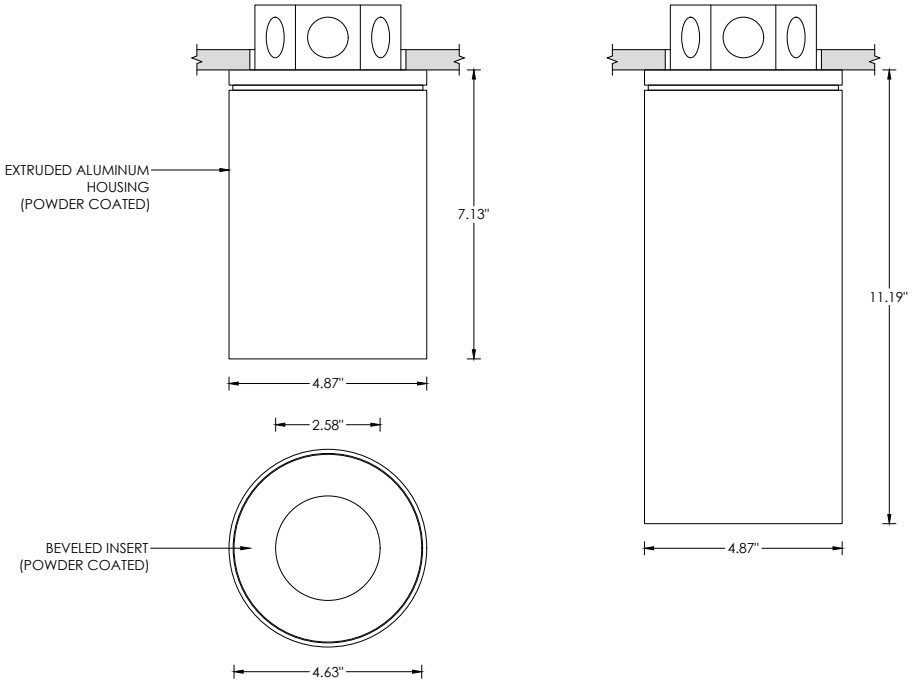
ELECTRICAL
Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage drivers.
120V Forward Phase/Reverse Phase driver option with 100-1% dimming range
eldoLED 0-10V driver option available with 100-0.01% dimming range
eldoLED DALI and 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
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

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

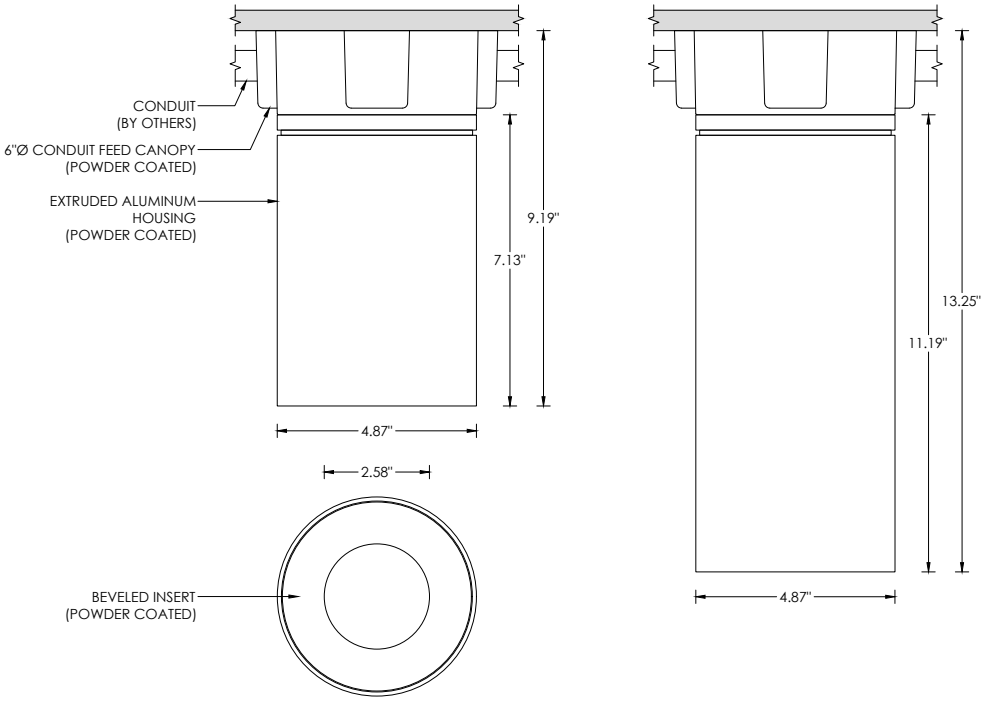
RECESSED 4" OCTAGONAL JUNCTION BOX BY OTHERS

STANDARD CANOPY MOUNT

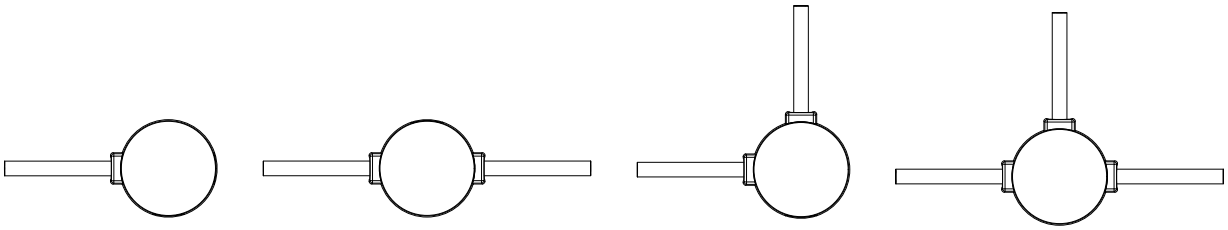


SURFACE 4" OCTAGONAL X 1.5" DEEP JUNCTION BOX BY OTHERS

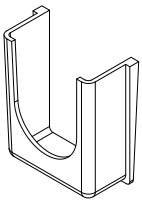
CONDUIT FEED CANOPY MOUNT (CFX OPTION)



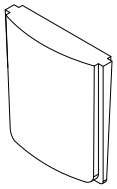
CONDUIT FEED CANOPY MOUNTING OPTIONS



CONDUIT COVER
3 PROVIDED WITH EACH
CONDUIT FEED CANOPY



BLANK
2 PROVIDED WITH EACH
CONDUIT FEED CANOPY



Declare® is a product transparency program administered by the International Living Future Institute (ILFI), providing standardized disclosure of product ingredients, manufacturing location, service life, end-of-life pathways, and Living Building Challenge compliance status.

PRODUCT FAMILY COVERAGE — CYLINDERS

Cylinder luminaires for surface, pendant, and wall-mounted applications. Available with multiple beam angles, lumen packages, and 95+ CRI as standard. Options include low-glare optical control, UGR-rated configurations, multiple mounting and canopy systems, adjustable downlight modules, dual-axis gimbals, and low-glare multicell optics.

LBC RED LIST FREE

This product family carries a Declare® designation of LBC Red List Free, the highest designation within the Declare program. Products with this designation contain no intentionally added Red List chemicals above applicable Declare reporting thresholds and have been evaluated against the Living Building Challenge Red List.

Red List Free
INTERNATIONAL LIVING FUTURE INSTITUTE™

BUILDING CERTIFICATION PROGRAMS

Material transparency documentation is increasingly requested as part of building certification programs and owner standards. Declare labels may be used as supporting documentation for project teams pursuing:

- Living Building Challenge (LBC)
- WELL Building Standard™ v1
- WELL Building Standard™ v2
- LEED®
- Other material disclosure and material health initiatives

Project certification requirements are determined at the building level and should be evaluated by the project team.

Declare℠

Cylinders
3G Lighting

Final Assembly: Woodbridge, Ontario, Canada
Life Expectancy: 7+ Year(s)
End of Life Options: Recyclable (95%), Landfill (5%)

Ingredients:

Aluminum UNS A96063; Steel, cold roll UNS G10080; Copper UNS C11000; Pulp, cellulose; Aluminum diethylphosphinate; Benzene, ethenyl-, polymer with 1,3-butadiene, hydrogenated; Distillates (petroleum), hydrotreated heavy naphthenic; Polypropylene; Paper; Tin, Organic; Starch, base-hydrolyzed, borated; 2,4,8,10-Tetraoxa-3,9-diphosphaspiro[5.5]undecane, 3,9-bis[2,4-bis(1,1-dimethylethyl)phenoxy]-; Vinyl acetate; Phosphorus; Iron; Zinc; 1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-

Living Building Challenge Criteria: Compliant

I-13 Red List:
■ LBC Red List Free
□ LBC Red List Approved
□ Declared

% Disclosed: 100% at 100ppm
VOC Content: Not Applicable

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

GLG-0002
EXP. 01 JUN 2027
Original Issue Date: 2026

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INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare