

3G LIGHTING

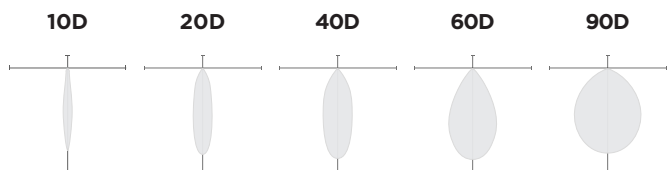
3G-PDL45RF

4" DOWNLIGHT CYLINDER
7" AND 11" HEIGHT

4" diameter, high performance cylinder with upgraded performance
Standard 95+ CRI LED system with performance up to 126 LPW
Delivered lumen range up to 3434lm at 95+ CRI
Regressed LED source with enhanced glare control
10° to 90° beam angle options suitable for various applications
Extruded aluminum construction with no visible hardware
Companion to 3G's DL45R series downlight family



OPTICS



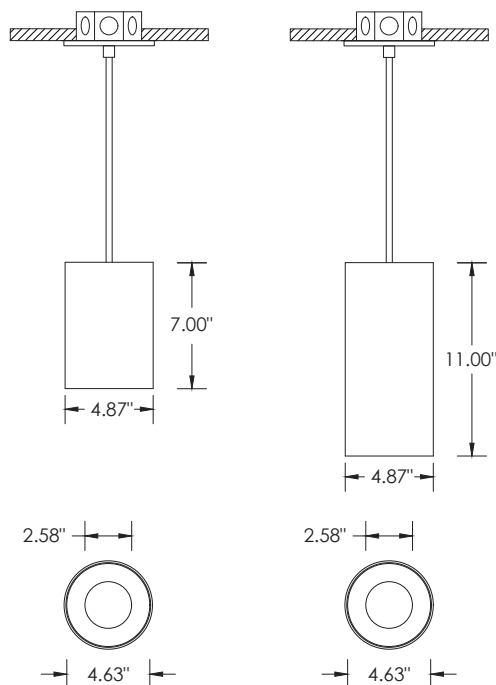
PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	9.1	110
1500	1500	14.0	108
2000	2000	19.0	105
2500	2500	24.2	103
3000	3006	28.9	104

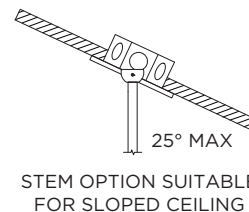
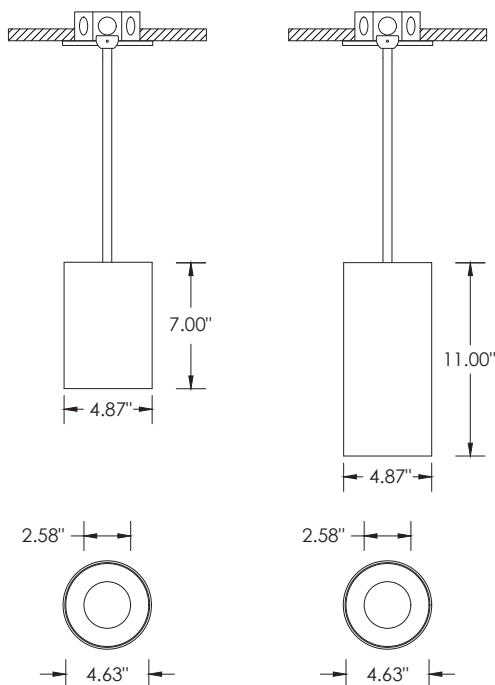
BASED ON 95+ CRI, 3500K, 20D OPTIC WITH SOFTENING LENS
Lumen output and actual wattage may vary +/- 5%

DIMENSIONS

CABLE SUSPENSION



STEM SUSPENSION



PROJECT:		TYPE:	
CATALOG#:		DATE:	QTY:

CAT. NO	FIXTURE HEIGHT	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE
3G-PDL45RF	7H - 7" HEIGHT * 11H - 11" HEIGHT *7H available up to 2000lm with integral driver and 2500lm with Power Canopy 11H available up to 2500lm with integral driver and 3000lm with Power Canopy	10 - 1000 LUMENS 15 - 1500 LUMENS 20 - 2000 LUMENS 25 - 2500 LUMENS 30 - 3000 LUMENS All lumen outputs are delivered lumens at 95+ CRI	H95 - 95+ CRI	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	10D - 10° ¹ 20D - 20° 40D - 40° 60D - 60° 90D - 90° * *90D optic supplied with lens Not available with other lens options

VOLTAGE	DRIVER	HOUSING FINISH	INSERT FINISH	CANOPY
UNV - 120/277V 120 - 120V 347 - 347V ²	DIM - 0-10V (100-1%) LE - PHASE DIM ³ (TRIAC/ELV, 100-1%) D01 - 0-10V (100-0.1%) ⁵ DALI - DALI (100-1%) ^{4,5} DMX - DMX (100-0%) ⁵ DHL2 - LUTRON HI-LUME LDE1 ⁵ (1% ECOSYSTEM)	WH - WHITE BK - BLACK SV - SILVER CF - CUSTOM COLOR	WI - WHITE BI - BLACK SI - SILVER CI - CUSTOM COLOR	CN - CANOPY (STANDARD) PC - POWER CANOPY * CF - CONDUIT CANOPY Power Canopy suitable for 7" Cylinder with 2500lm and 11" Cylinder with 3000lm

CANOPY FINISH	SUSPENSION TYPE	SUSPENSION LENGTH	OPTIONS
WCF - WHITE (STANDARD) BCF - BLACK SCF - SILVER	WC - WHITE CABLE BC - BLACK CABLE RSW - WHITE RIGID STEM RSB - BLACK RIGID STEM RSS - SILVER RIGID STEM RSC - CUSTOM RAL STEM	C60 - 60" CABLE C120 - 120" CABLE S48 - 48" STEM S96 - 96" STEM All suspension options are field cuttable	SF - SOFTENING LENS * (SUPPLIED STANDARD) LS - LINEAR SPREAD LENS SB - SANDBLASTED LENS EMR - REMOTE EMERGENCY ⁶ BATTERY *Softening lens not provided with 90D optic Maximum 1 optical accessory

- ¹ 10D reflector available up to 2000lm
² 347 available in "DIM" 0-10V only (100-1%). Not available with 7" model
³ Phase dimming options available in 120V only
⁴ DALI-2 (Type 6) provided as standard
⁵ DMX and DHL2 not available with 7H model or "PC" Power Canopy option. D01, DALI, DMX, and DHL2 not available with 3000lm option
⁶ Supplied with enclosure that contains both Emergency Battery and driver. Installed remotely by others. Not accessible through fixture aperture

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BASED ON 95+ CRI, 3500K, 20D OPTIC WITH SOFTENING LENS
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MULTIPLIERS

BEAM ANGLE	
10D	1.07
20D	1.12
40D	1.00
60D	1.04
90D	0.96

COLOR TEMP	
2700K	0.98
3000K	1.00
3500K	1.00
4000K	1.02

HOUSING

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

BEVELED INSERT

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

OPTICS

Proprietary anodized, aluminum reflectors
Beam angle available in 10°, 20°, 40°, 60° and 90°
Reflectors are field replaceable (10° reflector not interchangeable)
Softening lens supplied standard

ELECTRICAL

Standard 0-10V, constant current drivers
100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage with several driver options
120V Forward Phase/Reverse Phase driver option (100-1%)
Integral drivers are easily accessible through luminaire aperture

LED SYSTEM

Standard 95+ CRI
Color consistency <2 SDCM
Available in 27K, 30K, 35K, and 40K
L90 > 50,000 hours

MOUNTING

1/2" diameter rigid stem option with sloped ceiling adapter (field cuttable)
Standard, 18-gauge, 5 conductor single circuit braided power feed cable (black and white finish)
All hardware included for mounting to 4" octagonal junction box
Canopy provided in white finish as standard
Conduit feed cut-out canopy option designed to mount to 4" octagonal junction box

EMERGENCY

7W output for 90 minutes (+/- 825lm at 95+ CRI). Title 24 Certified Remote emergency battery (not accessible through fixture aperture)
Maximum remote mounting distance: 50ft (12AWG) or 25ft (14AWG)
Caution: Emergency Battery utilizes more than one power source and servicing should be performed by qualified personnel

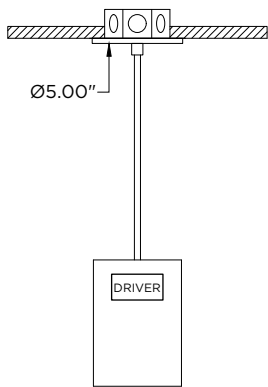
LISTING

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

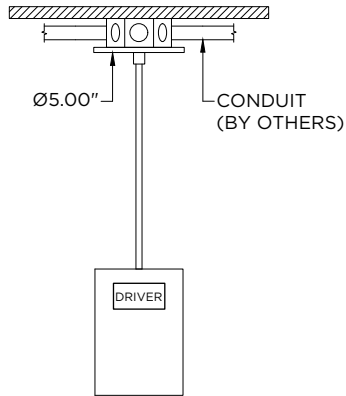
WARRANTY

5 year limited warranty
LED system rated for operation in ambient environments up to 25°C

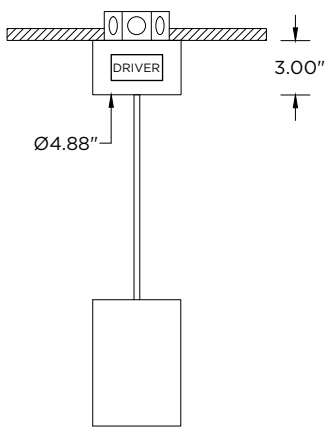
CN - STANDARD CANOPY
RECESSED J-BOX (BY OTHERS)



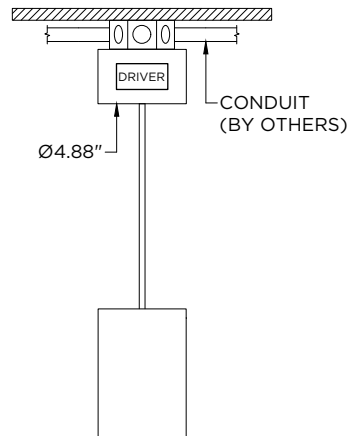
CN - STANDARD CANOPY
SURFACE MOUNT J-BOX (BY OTHERS)



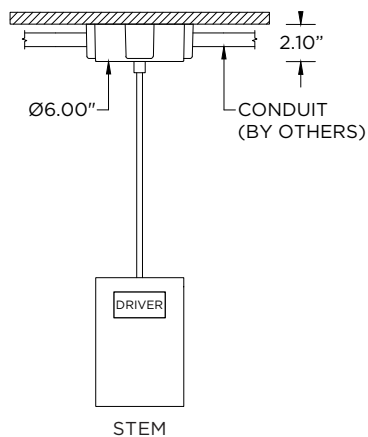
PC - POWER CANOPY
RECESSED J-BOX (BY OTHERS)



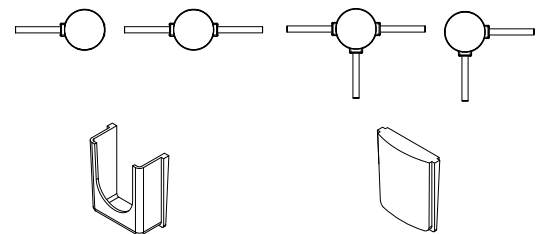
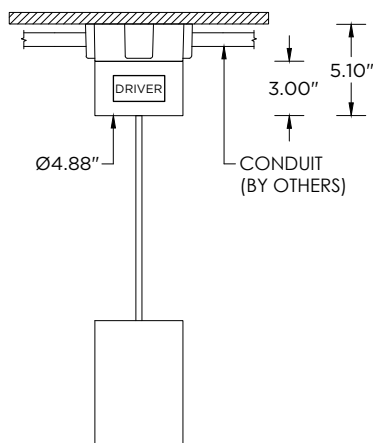
PC - POWER CANOPY
SURFACE MOUNT J-BOX (BY OTHERS)



CF - CONDUIT FEED CANOPY
SURFACE MOUNT J-BOX (BY OTHERS)



CF - CONDUIT FEED CANOPY & PC - POWER CANOPY
SURFACE MOUNT J-BOX (BY OTHERS)



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.



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 | % Disclosed: 100% at 100ppm |
| ☐ LBC Red List Approved | VOC Content: Not Applicable |
| ☐ Declared | |

I-10 Interior Performance: Not Applicable

I-14 Responsible Sourcing: Not Applicable

GLG-0002

EXP. 01 JUN 2027

Original Issue Date: 2026

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare