



## 3GQ-PDL45RF

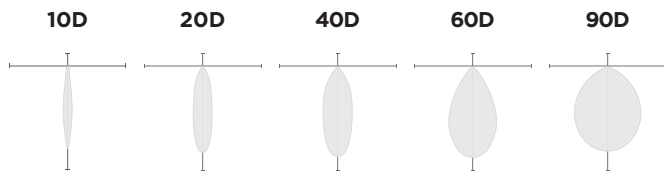
4" DOWNLIGHT CYLINDER  
7" AND 11" HEIGHT

4" diameter, high performance cylinder with upgraded performance  
Standard 95+ CRI LED system with performance up to 120 LPW  
Delivered lumen range up to 2500lm 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



**10 DAY QUICKSHIP**  
MAX ORDER SIZE: 50 pcs

### OPTICS



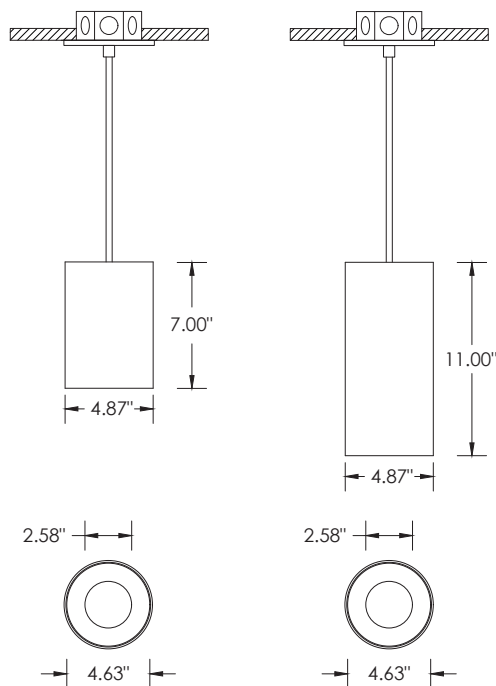
### PERFORMANCE

| LUMEN OUTPUT | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|--------------|------------------|--------------|----------------|
| 1000         | 1000             | 8.5          | 118            |
| 1500         | 1500             | 13.1         | 115            |
| 2000         | 2000             | 17.8         | 113            |
| 2500         | 2500             | 22.7         | 110            |

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

### DIMENSIONS

#### CABLE SUSPENSION



**3GQ-PDL45RF**

4" DOWNLIGHT CYLINDER - 7" AND 11" HEIGHT

**ORDERING INFORMATION**

|                  |  |              |  |
|------------------|--|--------------|--|
| <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                                                                                                      |
|--------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>3GQ-PDL45RF</b> | <b>7H</b> - 7" HEIGHT *<br><b>11H</b> - 11" HEIGHT | <b>10</b> - 1000 LUMENS<br><b>15</b> - 1500 LUMENS<br><b>20</b> - 2000 LUMENS<br><b>25</b> - 2500 LUMENS | <b>H95</b> - 95+ CRI | <b>30K</b> - 3000K<br><b>35K</b> - 3500K<br><b>40K</b> - 4000K | <b>10D</b> - 10° <sup>1</sup><br><b>20D</b> - 20°<br><b>40D</b> - 40°<br><b>60D</b> - 60°<br><b>90D</b> - 90° * |
|                    | *7H available up to 2000lm                         | All lumen outputs are<br><b>delivered lumens</b> at 95+ CRI                                              |                      |                                                                | *90D optic supplied with lens<br>Not available with other<br>lens options                                       |

| VOLTAGE               | DRIVER                      | HOUSING FINISH                         | INSERT FINISH                          | CANOPY TYPE                   |
|-----------------------|-----------------------------|----------------------------------------|----------------------------------------|-------------------------------|
| <b>UNV</b> - 120/277V | <b>DIM</b> - 0-10V (100-1%) | <b>WH</b> - WHITE<br><b>BK</b> - BLACK | <b>WI</b> - WHITE<br><b>BI</b> - BLACK | <b>CN</b> - CANOPY (STANDARD) |

| CANOPY FINISH                                       | SUSPENSION TYPE                                    | SUSPENSION LENGTH                                  | OPTIONS                                             |
|-----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-----------------------------------------------------|
| <b>WCF</b> - WHITE (STANDARD)<br><b>BCF</b> - BLACK | <b>WC</b> - WHITE CABLE<br><b>BC</b> - BLACK CABLE | <b>C60</b> - 60" CABLE<br><b>C120</b> - 120" CABLE | <b>SF</b> - SOFTENING LENS *<br>(SUPPLIED STANDARD) |
|                                                     |                                                    | All suspension options are field cuttable          | *Softening lens not provided with 90D optic         |

<sup>1</sup> 10D reflector available up to 2000lm



## 3GQ-PDL45RF

4" DOWNLIGHT CYLINDER - 7" AND 11" HEIGHT

## PERFORMANCE | TECHNICAL

### PERFORMANCE

| LUMEN OUTPUT | DELIVERED LUMENS | SYSTEM WATTS | EFFICACY (LPW) |
|--------------|------------------|--------------|----------------|
| 1000         | 1000             | 8.5          | 118            |
| 1500         | 1500             | 13.1         | 115            |
| 2000         | 2000             | 17.8         | 113            |
| 2500         | 2500             | 22.7         | 110            |

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

### MULTIPLIERS

| BEAM ANGLE |      |
|------------|------|
| 10D        | 0.97 |
| 20D        | 1.00 |
| 40D        | 0.94 |
| 60D        | 0.95 |
| 90D        | 0.90 |

| COLOR TEMP |      |
|------------|------|
| 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

### LED SYSTEM

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

### ELECTRICAL

Standard 0-10V, constant current drivers  
100-1% dimming range and >0.9 power factor  
Integral drivers are easily accessible through luminaire aperture

### MOUNTING

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

### LISTING

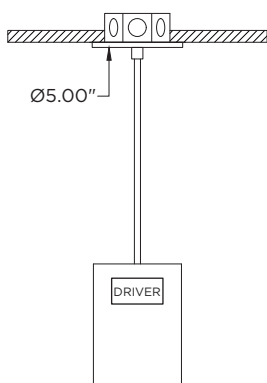
ETL listed and conforms to UL1598 standard  
Certified to CSA22.2 NO.250.0.  
Rated for dry or damp locations

### WARRANTY

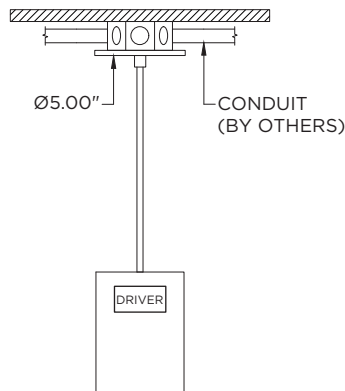
5 year limited warranty  
LED system rated for operation in ambient environments up to 25°C

## DRAWINGS & DIMENSIONS

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



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



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:

- |                                                       |                             |
|-------------------------------------------------------|-----------------------------|
| <input checked="" type="checkbox"/> LBC Red List Free | % Disclosed: 100% at 100ppm |
| <input type="checkbox"/> LBC Red List Approved        | VOC Content: Not Applicable |
| <input type="checkbox"/> 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](https://living-future.org/declare)