

3G LIGHTING

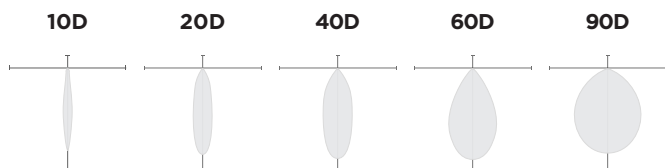
3G-PDL45RF

4.5" DOWNLIGHT CYLINDER
7" AND 11" HEIGHT

4.5" diameter, high performance cylinder with upgraded performance
Standard 95+ CRI LED system with performance up to 118 LPW
Delivered lumen range up to 3000lm 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



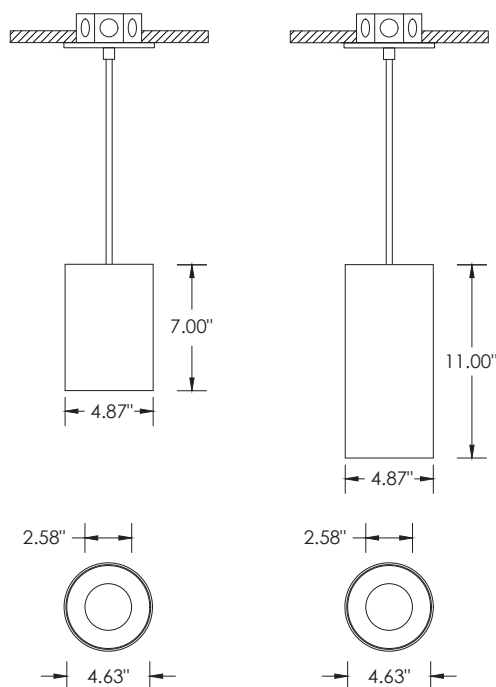
PERFORMANCE

LUMEN OUTPUT	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
1000	1000	8.5	118
1500	1500	13.1	115
2000	2000	17.8	113
2500	2500	22.7	110
3000	3000	27.1	111

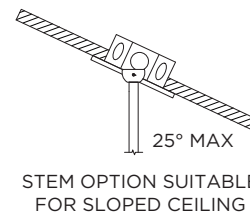
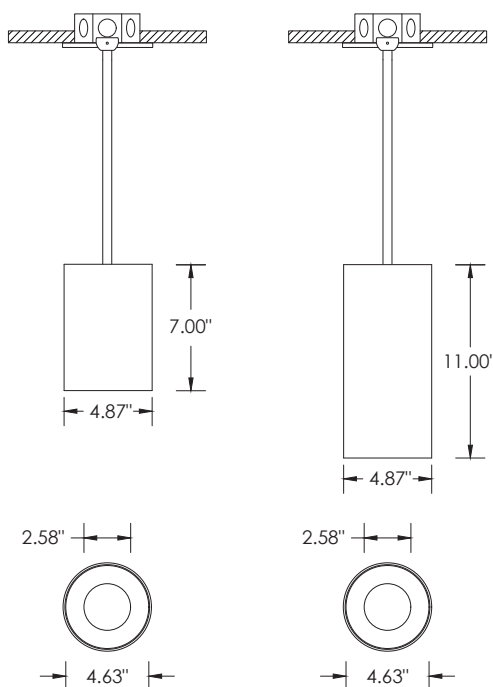
BASED ON 95+ CRI, 3500K, 20D OPTIC WITH SOFTENING LENS
Lumen output and actual wattage may vary +/- 5%

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 <small>*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</small>	10 - 1000 LUMENS 15 - 1500 LUMENS 20 - 2000 LUMENS 25 - 2500 LUMENS 30 - 3000 LUMENS <small>All lumen outputs are delivered lumens at 95+ CRI</small>	H95 - 95+ CRI	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	10D - 10° ¹ 20D - 20° 40D - 40° 60D - 60° 90D - 90° * <small>*90D optic supplied with lens Not available with other lens options</small>

VOLTAGE	DRIVER	HOUSING FINISH	INSERT FINISH	CANOPY
UNV - 120/277V 120 - 120V 347 - 347V ²	DIM - 0-10V (100-1%) LE - PHASE DIM ³ <small>(TRIAC/ELV, 100-1%)</small> D01 - 0-10V (100-0.1%) ⁵ DALI - DALI (100-1%) ^{4,5} DMX - DMX (100-0%) ⁵ DHL2 - LUTRON HI-LUME LDE1 ⁵ <small>(1% ECOSYSTEM)</small>	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 <small>Power Canopy suitable for 7" Cylinder with 2500lm and 11" Cylinder with 3000lm</small>

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 <small>All suspension options are field cuttable</small>	SF - SOFTENING LENS * <small>(SUPPLIED STANDARD)</small> LS - LINEAR SPREAD LENS SB - SANDBLASTED LENS EMR - REMOTE EMERGENCY ⁶ BATTERY <small>*Softening lens not provided with 90D optic Maximum 1 optical accessory</small>

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	0.97
20D	1.00
40D	0.94
60D	0.95
90D	0.90

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
4.5" 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

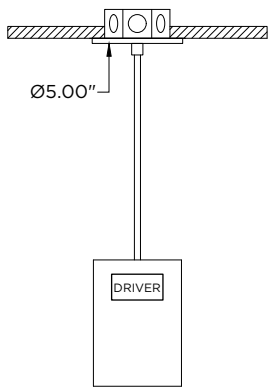
LISTING

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

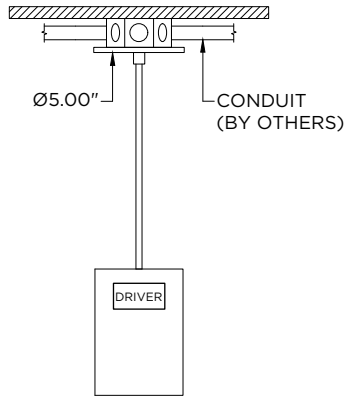
WARRANTY

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

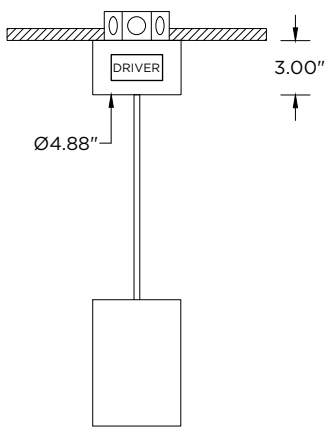
CN - STANDARD CANOPY
RECESSED J-BOX (BY OTHERS)



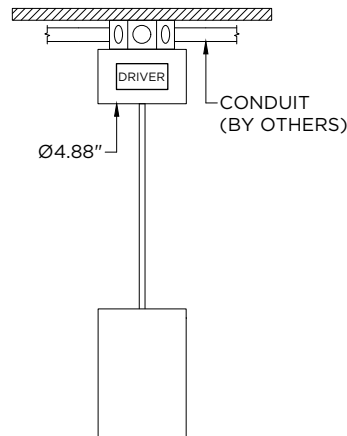
CN - STANDARD CANOPY
SURFACE MOUNT J-BOX (BY OTHERS)



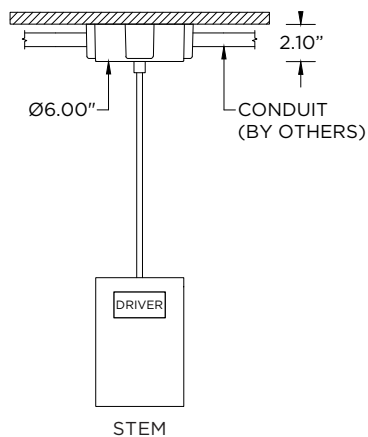
PC - POWER CANOPY
RECESSED J-BOX (BY OTHERS)



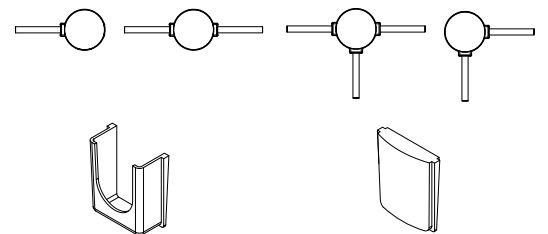
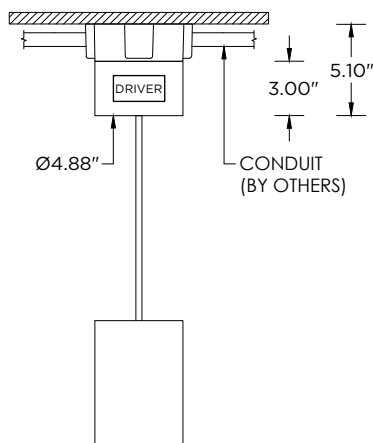
PC - POWER CANOPY
SURFACE MOUNT J-BOX (BY OTHERS)



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