



3G-PCL45R

4.5" DIAMETER CYLINDER
PENDANT MOUNTED



4.5" diameter high performance cylinder
Companion to 3G-DL45R series downlight family
Extruded aluminum housing with powder coated finish
Twist lock construction and no visible hardware
Regressed LED source for enhanced glare control
Lumen range of 1000lm to 4000lm (80+, 90+, and 97+ CRI options)
1% dimming standard with several integral driver options

ORDERING INFORMATION

PROJECT:	<input type="text"/>	TYPE:	<input type="text"/>
CATALOG #:	<input type="text"/>	DATE:	<input type="text"/>

CAT. NO	LUMEN OUTPUT	CRI	COLOR TEMP	BEAM ANGLE	VOLTAGE	DRIVER
3G-PCL45R	10 - 1000 LUMENS	S80 - 80+CRI (STANDARD) H90 - 90+ CRI H97 - 97+ CRI ¹	27K - 2700K	20D - 20°	UNV - 120V-277V 120 - 120V ² 347 - 347V (0-10V ONLY)	DIM - 0-10V (STANDARD 100%-1) DHL2 - LUTRON (ECO SYSTEM "H" 100-1%) DALI - DALI (100-1%) LE - PHASE DIMMING ² (TRIAC/ELV, 100-1%, 120V ONLY) DO1 - 0-10V (100-0.1%) DMX - DMX (100-0%)
	15 - 1500 LUMENS		30K - 3000K	40D - 40°		
	22 - 2200 LUMENS		35K - 3500K	60D - 60°		
	30 - 3000 LUMENS		40K - 4000K			
	40 - 4000 LUMENS					

CYLINDER FINISH	CANOPY FINISH	SUSPENSION TYPE	SUSPENSION LENGTH	OPTIONS
WH - WHITE BK - BLACK SV - SILVER CF - CUSTOM RAL COLOR	WH - WHITE (STANDARD) BK - BLACK SV - SILVER	WC - WHITE CABLE BC - BLACK CABLE CC - CLEAR CABLE RSW - WHITE RIGID STEM RSB - BLACK RIGID STEM RSS - SILVER RIGID STEM RSC - CUSTOM RAL STEM	C36 - 36" CABLE C72 - 72" CABLE (FIELD CUTTABLE) S24 - 24" STEM S48 - 48" STEM S72 - 72" STEM (FIELD CUTTABLE)	SB70 - SANDBLASTED LENS SF70 - SOFTENING LENS LS70 - LINEAR SPREAD HXB70 - BLACK HEXELL LOUVER Maximum 1 optical accessory

¹ 97+ CRI available up to 3000lm
² Forward phase/Reverse phase driver available up to 2200lm and only in 120V

PERFORMANCE CHART

80+ CRI (Based on 35K and 20° Beam Angle)

LUMEN OUTPUT	SYSTEM WATTS	DELIVERED LUMENS	EFFICACY LM/W
1000 LUMENS	10.0	1044	104.1
1500 LUMENS	14.0	1462	104.1
2200 LUMENS	20.7	2150	104.1
3000 LUMENS	32.9	2935	89.1
4000 LUMENS	42.5	3469	81.7

90+ CRI (Based on 35K and 20° Beam Angle)

LUMEN OUTPUT	SYSTEM WATTS	DELIVERED LUMENS	EFFICACY LM/W
1000 LUMENS	10.0	880	87.7
1500 LUMENS	16.0	1407	87.7
2200 LUMENS	24.8	2173	87.7
3000 LUMENS	32.9	2579	78.3
4000 LUMENS	44.6	3136	70.3

97+ CRI (Based on 35K and 20° Beam Angle)

LUMEN OUTPUT	SYSTEM WATTS	DELIVERED LUMENS	EFFICACY LM/W
1000 LUMENS	10.0	772	77.0
1500 LUMENS	16.0	1236	77.0
2200 LUMENS	24.8	1908	77.0
3000 LUMENS	32.9	2270	69.0
4000 LUMENS	N/A	N/A	N/A

LUMEN OUTPUT ADJUSTMENT FACTORS: (27K=0.945) (30K=0.985) (35K=1.00) (40K=1.01)

EDITION 01/19





3G-PCL45R

4.5" DIAMETER CYLINDER PENDANT MOUNTED

TECHNICAL

HOUSING

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

BEVELED INSERT

4.5" with regressed LED source for enhanced glare control
Machined aluminum beveled insert with powder coated finish

OPTICS

Proprietary anodized, aluminum reflectors are field replaceable
Available in 20°, 40°, and 60°

ELECTRICAL

Standard 0-10V, 100-1% dimming and 0.9 power factor
Standard 120V-277V universal voltage drivers. Optional 347V 0-10V driver
Lutron EcoSystem and eldoLED Dali options available with 100-1% dimming
120V Forward Phase/Reverse Phase driver option with 100-1% dimming
All drivers are integral and easily accessible through cylinder housing

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
Average rated life of > 50,000 hours
5-year warranty

MOUNTING

1/2" diameter rigid stem option with hang straight (field cuttable with provided stem adapter)
Adjustable aircraft cable option with power cable
All hardware included for mounting to 4" octagonal junction box
Canopy provided in white finish as standard

LISTING

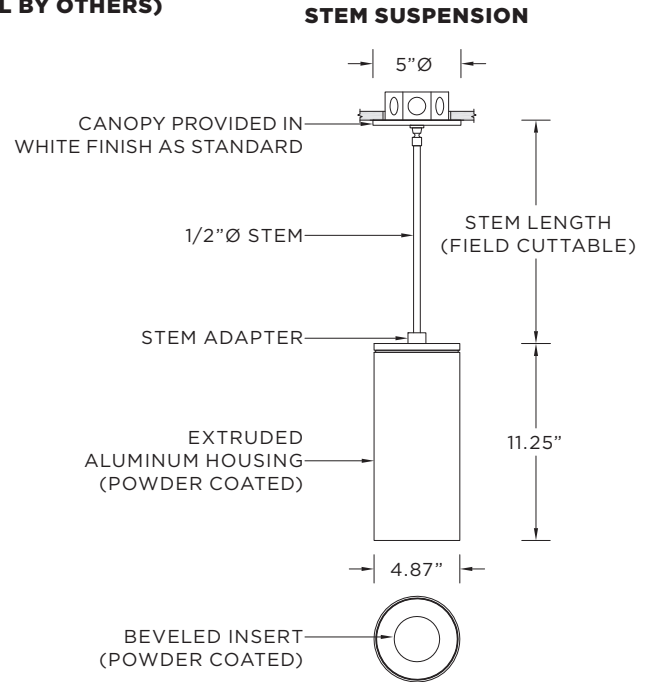
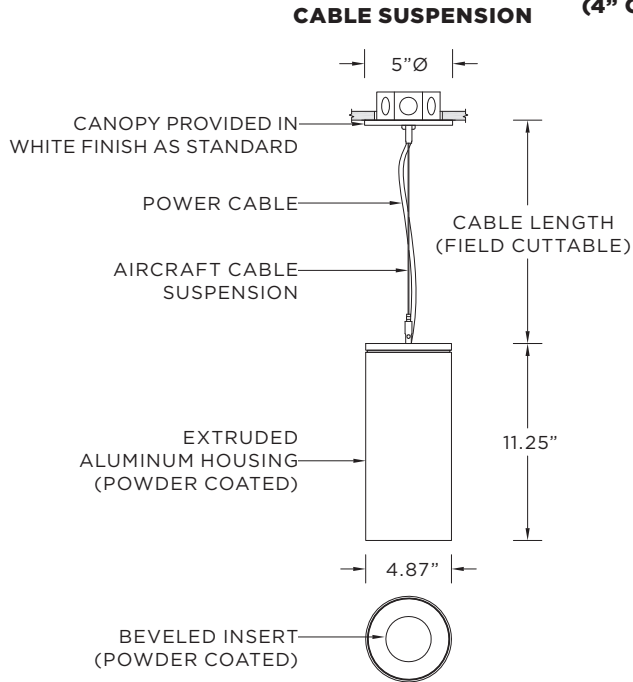
ETL listed and tested to UL standards. Suitable for dry and damp locations

WARRANTY

5 Year warranty on LED and drivers
Manufacturer 1-year warranty for defects in material and workmanship under normal use

DRAWINGS AND DIMENSIONS

RECESSED J-BOX (4" OCTAGONAL BY OTHERS)



SURFACE MOUNTED J-BOX (4" OCTAGONAL BY OTHERS)

