

3G LIGHTING

3G-PCL45R

4.5" DIAMETER CYLINDER
PENDANT MOUNTED
DYNAMIC WHITE

4.5" diameter high performance cylinder
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

ORDERING INFORMATION

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

CAT. NO	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE	VOLTAGE
3G-PCL45R	DW - DIM TO WARM (1800-3000K)	08 - 800 LUMENS	H90 - 90+ CRI	10D - 10° ²	UNV - 120/277V 120 - 120V 347 - 347V (0-10V ONLY)
	TW - TUNABLE WHITE ¹ (2700K-6500K)	12 - 1200 LUMENS 20 - 2000 LUMENS		20D - 20° 40D - 40° 60D - 60° 90D - 90° *	

* 90D reflector supplied standard with lens

DRIVER	CYLINDER & INSERT FINISH	CANOPY FINISH	SUSPENSION TYPE
DIM - 0-10V (STANDARD 100-1%) LE - PHASE DIMMING ³ (TRIAC/ELV, 100-1%) LTEA - LUTRON HI-LUME LTEA ³ (FWD PHASE, 100-1%) D01 - 0-10V (100-0.1%) ¹ DALI - DALI (100-1%) ^{1,4} DHL2 - LUTRON HI LUME LDE1 (1% ECOSYSTEM) DMX - DMX (100-0%) ¹	WH - WHITE (STANDARD) BK - BLACK SV - SILVER CF - CUSTOM RAL COLOR	WCN - WHITE (STANDARD) BCN - BLACK SCN - 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

SUSPENSION LENGTH	OPTIONS
C60 - 60" CABLE C120 - 120" CABLE S48 - 48" STEM S96 - 96" STEM	HXB70 - BLACK HEXCELL LOUVER LS70 - LINEAR SPREAD SB70 - SANDBLASTED LENS SF70 - SOFTENING LENS

All suspension options are field cuttable

Maximum 1 optical accessory

¹ Tunable White option available with D01, DALI and DMX drivers
² 10D reflector available with 800 lumen output only
³ Phase dimming options available in 120V only
⁴ DALI-2 (Type 6) provided as standard. Please consult factory for DALI (Type 8) options

3GD - Warm Dim
3GT - Tunable White

NOVEMBER 26, 2020

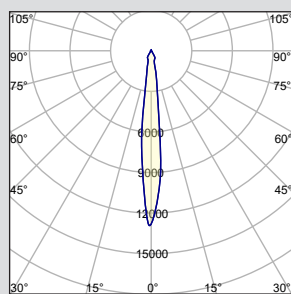


PERFORMANCE CHART BASED ON 20° BEAM AND 3000K SOURCE

DIM TO WARM LUMEN OUTPUT	90+ CRI (3000K)		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
800LMs	N/A	N/A	N/A
1200LMs	1200	15.4	78
2000LMs	1689	23.2	73

PHOTOMETRY

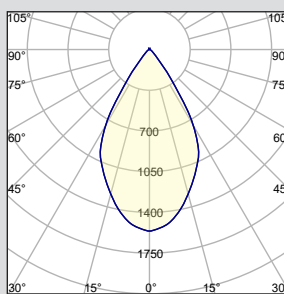
10D - 10° BEAM ANGLE



3G-PCL45R-DW-08-H90-D-10D

TOTAL LUMEN OUTPUT: 800LMs
 NUMBER OF LIGHTS: 887LMs
 TOTAL WATTS: 10.3W
 TOTAL EFFICACY: 86LPW
 CRI: 90+
 CCT: 3000K

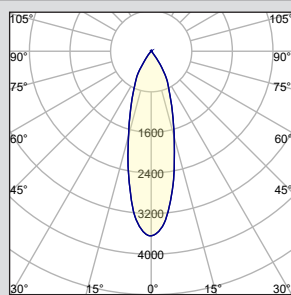
60D - 60° BEAM ANGLE



3G-PCL45R-DW-12-H90-60D

TOTAL LUMEN OUTPUT: 1200LMs
 NUMBER OF LIGHTS: 1234LMs
 TOTAL WATTS: 10.54W
 TOTAL EFFICACY: 80LPW
 CRI: 90+
 CCT: 3000K

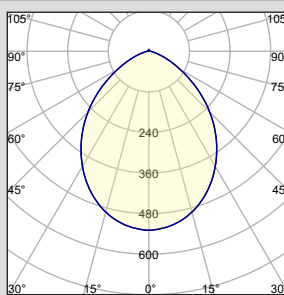
20D - 20° BEAM ANGLE



3G-PCL45R-DW-12-H90-20D

TOTAL LUMEN OUTPUT: 1200LMs
 NUMBER OF LIGHTS: 1200LMs
 TOTAL WATTS: 15.4W
 TOTAL EFFICACY: 78LPW
 CRI: 90+
 CCT: 3000K

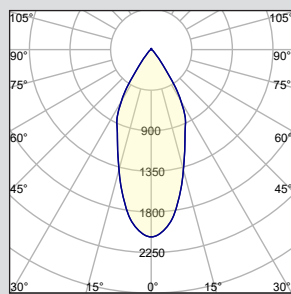
90D - 90° BEAM ANGLE



3G-PCL45R-DW-12-H90-90D

TOTAL LUMEN OUTPUT: 1200LMs
 NUMBER OF LIGHTS: 1064LMs
 TOTAL WATTS: 15.4W
 TOTAL EFFICACY: 69LPW
 CRI: 90+
 CCT: 3000K

40D - 40° BEAM ANGLE



3G-PCL45R-DW-12-H90-40D

TOTAL LUMEN OUTPUT: 1200LMs
 NUMBER OF LIGHTS: 1196LMs
 TOTAL WATTS: 15.4W
 TOTAL EFFICACY: 78LPW
 CRI: 90+
 CCT: 3000K



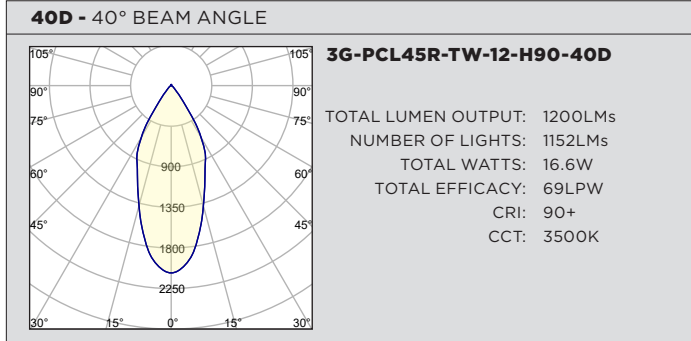
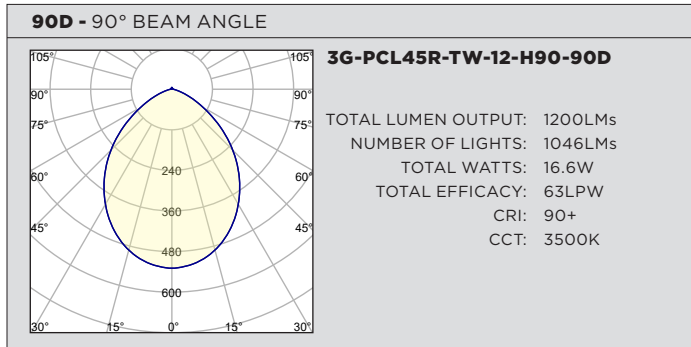
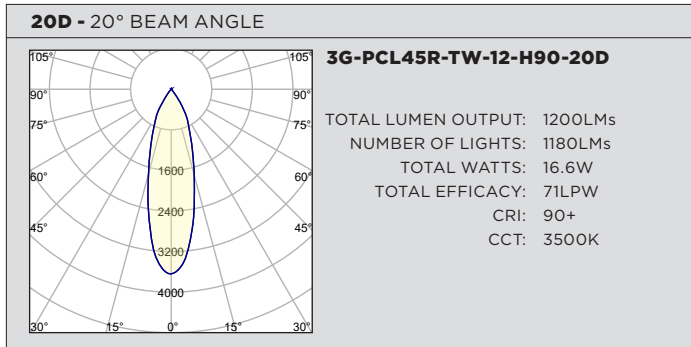
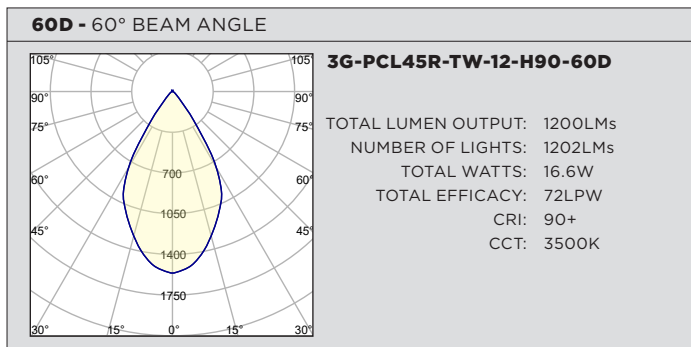
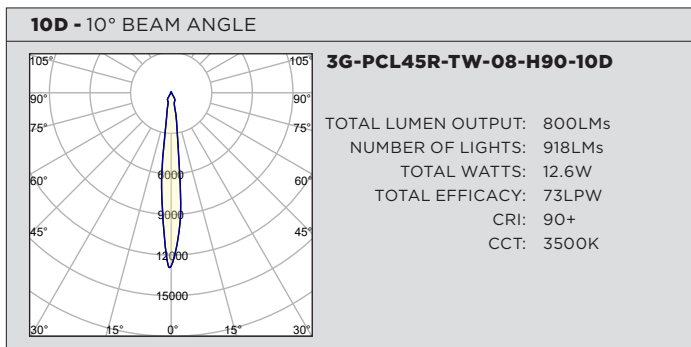
3G-PCL45R

LIGHTING 4.5" DIAMETER CYLINDER PENDANT MOUNTED DYNAMIC WHITE

PERFORMANCE CHART BASED ON 20° BEAM ANGLE

TUNABLE WHITE 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

PHOTOMETRY





3G-PCL45R

LIGHTING 4.5" DIAMETER CYLINDER PENDANT MOUNTED DYNAMIC WHITE

TECHNICAL

HOUSING

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

BEVELED INSERT

4.5" aperture with regressed LED source for enhanced glare control
Twist and lock construction with no visible hardware

OPTICS

Proprietary anodized, aluminum reflectors are field replaceable (10° reflector not interchangeable)
Available in 10°, 20°, 40°, 60° and 90°

ELECTRICAL

Standard 0-10V, constant current drivers with 100-1% dimming range and >0.9 power factor
Standard 120/277V universal voltage drivers. Optional 347V, 0-10V 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

Citizen LED module (field replaceable)
Color consistency <2 SDCM
Standard 90+ CRI
Dim to Warm (1800K-3000K)
Tunable White (2700K-6500K)
L70 >50,000 hours
5 Year Warranty

MOUNTING

1/2" diameter rigid stem option with sloped ceiling adapter (field cuttable)
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

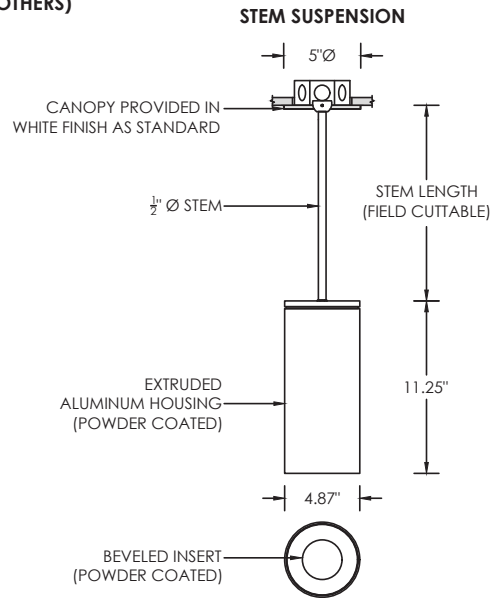
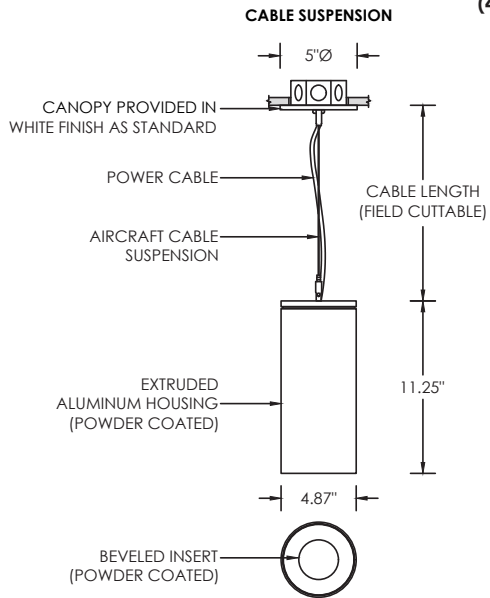
ETL listed and tested to cUL standards. Suitable for dry and damp locations

WARRANTY

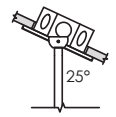
5 Year Warranty on LED and drivers
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
Ambient temperature at fixture should not exceed 25°C

DRAWINGS AND DIMENSIONS

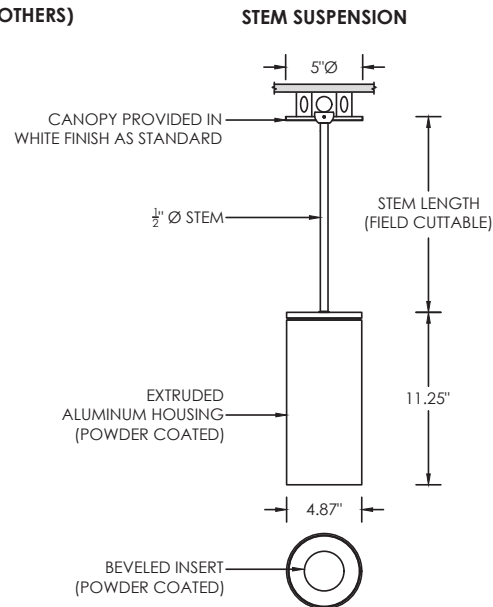
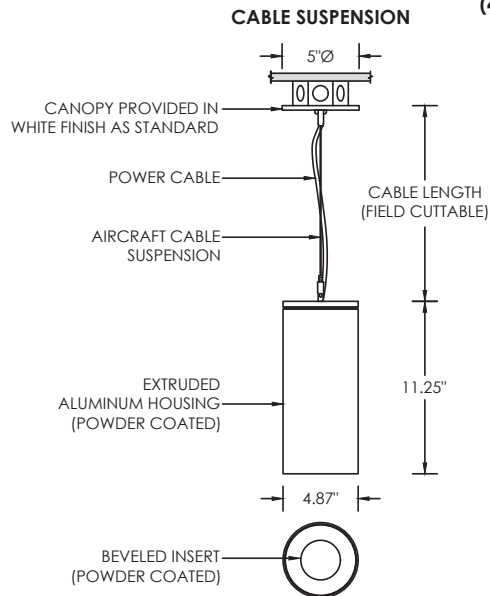
RECESSED J-BOX (4" OCTAGONAL BY OTHERS)



SUITABLE FOR SLOPED CEILING



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



SUITABLE FOR SLOPED CEILING

