



3G-PDL45RF

4.5" DOWNLIGHT CYLINDER
7" AND 11" HEIGHT
DYNAMIC WHITE

4.5" diameter high performance cylinders
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:		TYPE:	
CATALOG #:		DATE:	

CAT. NO	FIXTURE HEIGHT	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE
3G-PDL45RF	7H - 7" HEIGHT* 11H - 11" HEIGHT	DW - DIM TO WARM (1800-3000K) TW - TUNABLE WHITE ¹ (2700-6500K)	08 - 800 LUMENS 12 - 1200 LUMENS 20 - 2000 LUMENS	H90 - 90+ CRI	10D - 10° ⁴ 20D - 20° 40D - 40° 60D - 60° 90D - 90°*
	*7H available in Dim to Warm option only. Available in DIM and LE driver options only.				* 90D reflector supplied standard with lens

VOLTAGE	DRIVER	CYLINDER FINISH	INSERT FINISH
UNV - 120/277V 120 - 120V	DIM - 0-10V (STANDARD 100-1%) LE - PHASE DIMMING ² (TRIAC/ELV, 100-1%) LTEA - LUTRON HI-LUME LTEA ² (FWD PHASE, 100-1%) D01 - 0-10V (eldoLED, 100-0.1%) ¹ DALI - DALI (eldoLED, 100-1%) ^{1,3} DHL2 - LUTRON HI-LUME LDE1 (1% ECOSYSTEM) DMX - DMX (eldoLED, 100-0%) ¹	WH - WHITE BK - BLACK SV - SILVER CF - CUSTOM RAL COLOR	WI - WHITE BI - BLACK SI - SILVER CF - CUSTOM RAL COLOR

CANOPY FINISH	SUSPENSION TYPE	SUSPENSION LENGTH	OPTIONS
WCN - WHITE (STANDARD) BCN - BLACK SCN - 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	LS70 - LINEAR SPREAD SB70 - SANDBLASTED LENS SF70 - SOFTENING LENS
		All suspension options are field cuttable	Maximum 1 optical accessory Not available with 90D reflector option

- ¹ Tunable White option not available in 7" height. Available with D01, DALI and DMX drivers
² Phase dimming options available in 120V only
³ DALI-2 (Type 6) provided as standard. Consult factory for DALI Type 8 option
⁴ 10° reflector available with 800lm option only

3GD - Warm Dim
3GT - Tunable White

AUGUST 27, 2021

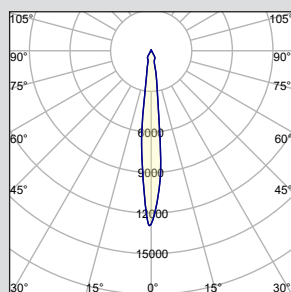


PERFORMANCE CHART BASED ON 20° BEAM ANGLE AND 3500K SOURCE

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

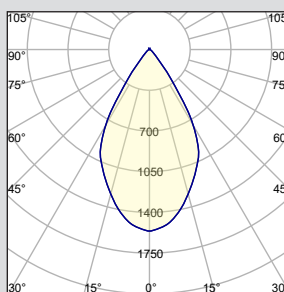
10D - 10° BEAM ANGLE



3G-PDL45RF-DW-08-H90-10D

LUMEN OUTPUT: 800LMs
 DELIVERED LUMENS: 887LMs
 SYSTEM WATTS: 10.0W
 EFFICACY: 86LPW
 CRI: 90+
 CCT: 3500K

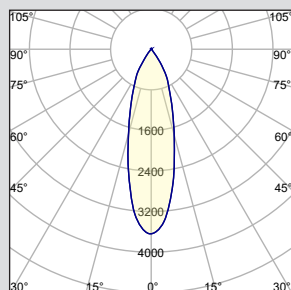
60D - 60° BEAM ANGLE



3G-PDL45RF-DW-08-H90-60D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1234LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 80LPW
 CRI: 90+
 CCT: 3500K

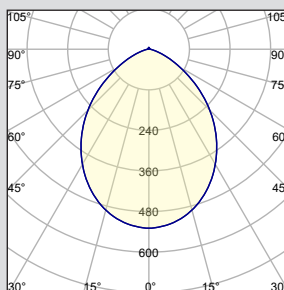
20D - 20° BEAM ANGLE



3G-PDL45RF-DW-08-H90-20D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1200LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 78LPW
 CRI: 90+
 CCT: 3500K

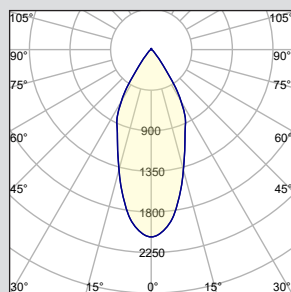
90D - 90° BEAM ANGLE



3G-PDL45RF-DW-08-H90-90D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1064LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 69LPW
 CRI: 90+
 CCT: 3500K

40D - 40° BEAM ANGLE



3G-PDL45RF-DW-08-H90-40D

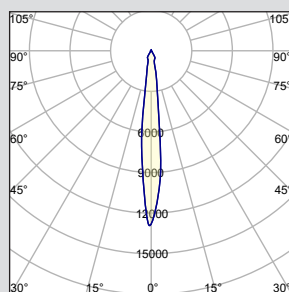
LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1196LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 78LPW
 CRI: 80+
 CCT: 3500K

PERFORMANCE CHART BASED ON 20° BEAM ANGLE AND 3500K SOURCE

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

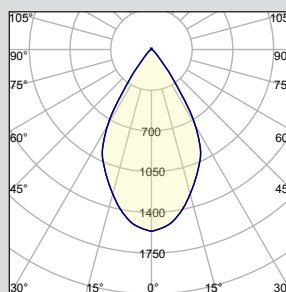
10D - 10° BEAM ANGLE



3G-PDL45RF-TW-08-H90-10D

LUMEN OUTPUT: 800LMs
 DELIVERED LUMENS: 918LMs
 SYSTEM WATTS: 12.6W
 EFFICACY: 73LPW
 CRI: 90+
 CCT: 3500K

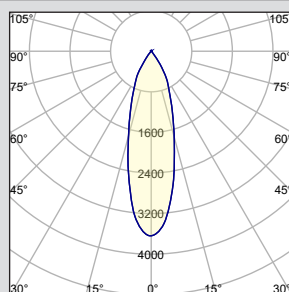
60D - 60° BEAM ANGLE



3G-PDL45RF-TW-08-H90-60D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1202LMs
 SYSTEM WATTS: 16.6W
 EFFICACY: 72LPW
 CRI: 90+
 CCT: 3500K

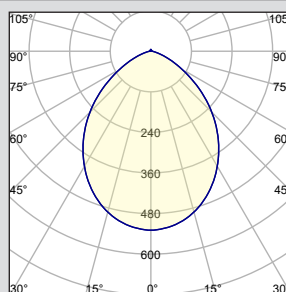
20D - 20° BEAM ANGLE



3G-PDL45RF-TW-08-H90-20D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1180LMs
 SYSTEM WATTS: 16.6W
 EFFICACY: 71LPW
 CRI: 90+
 CCT: 3500K

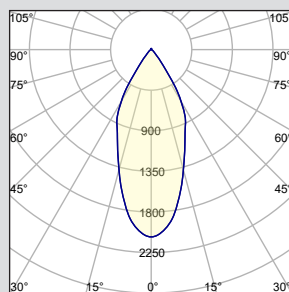
90D - 90° BEAM ANGLE



3G-PDL45RF-TW-08-H90-90D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1046LMs
 SYSTEM WATTS: 16.6W
 EFFICACY: 63LPW
 CRI: 90+
 CCT: 3500K

40D - 40° BEAM ANGLE



3G-PDL45RF-TW-08-H90-40D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1152LMs
 SYSTEM WATTS: 16.6W
 EFFICACY: 69LPW
 CRI: 90+
 CCT: 3500K

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
Cast aluminum insert with matte powder coated finish

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.
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

Bridgelux LED module (field replaceable)
Color consistency <3 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)
Standard, 18-gauge, 5 conductor single circuit braided power feed (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 tested to cUL standards. Suitable for dry and damp locations

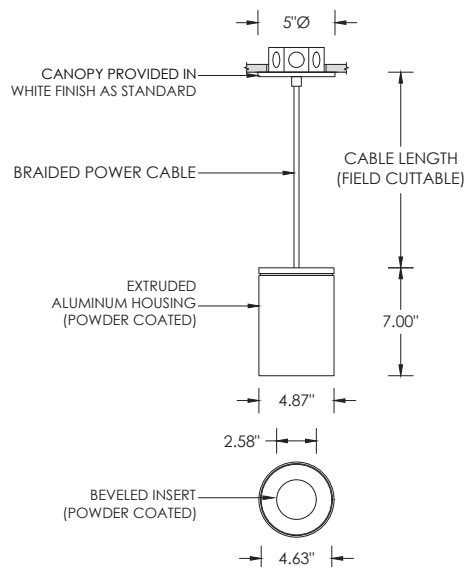
WARRANTY

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

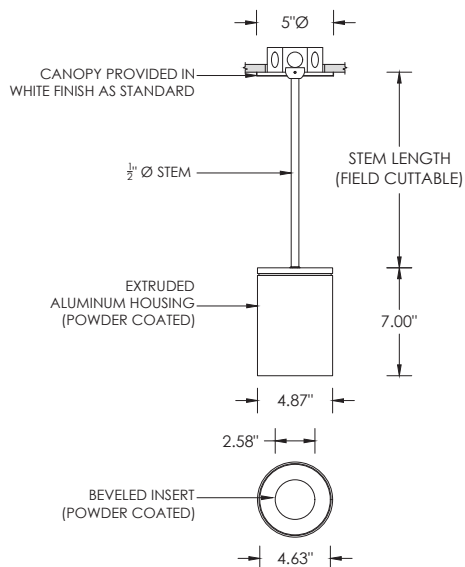
DRAWINGS AND DIMENSIONS 7" HEIGHT

RECESSED J-BOX (4" OCTAGONAL BY OTHERS)

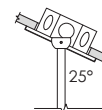
CABLE SUSPENSION



STEM SUSPENSION

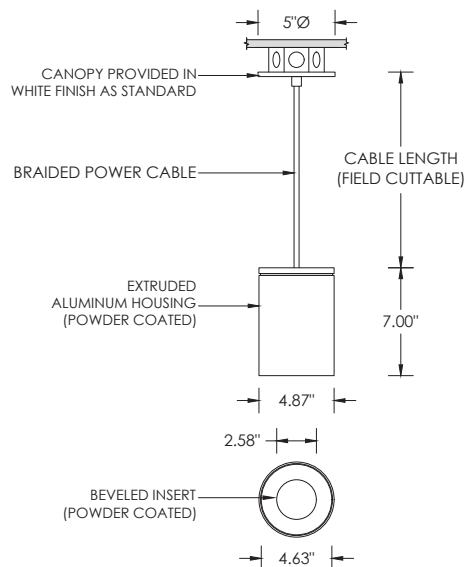


SUITABLE FOR SLOPED CEILING

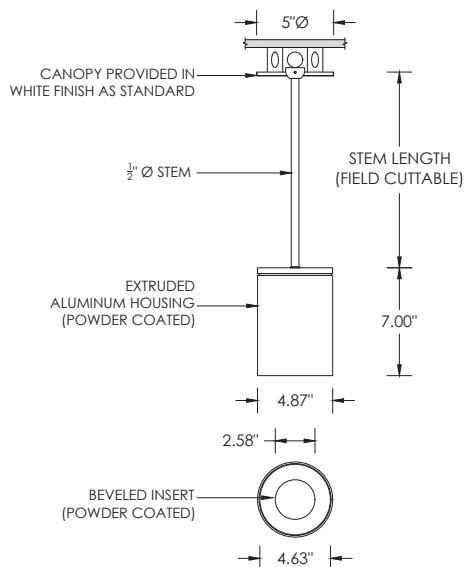


SURFACE MOUNTED J-BOX (4" OCTAGONAL BY OTHERS)

CABLE SUSPENSION



STEM SUSPENSION

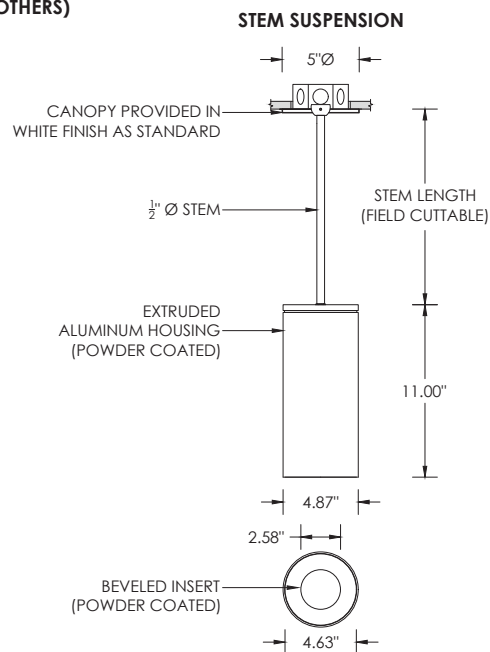
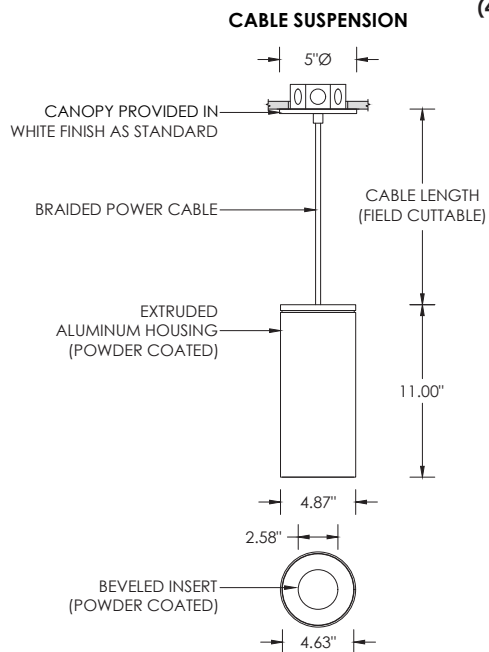


SUITABLE FOR SLOPED CEILING

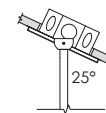


DRAWINGS AND DIMENSIONS 11" HEIGHT

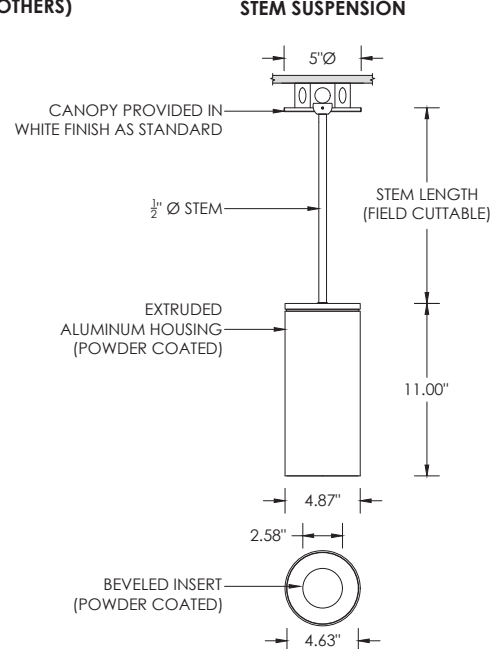
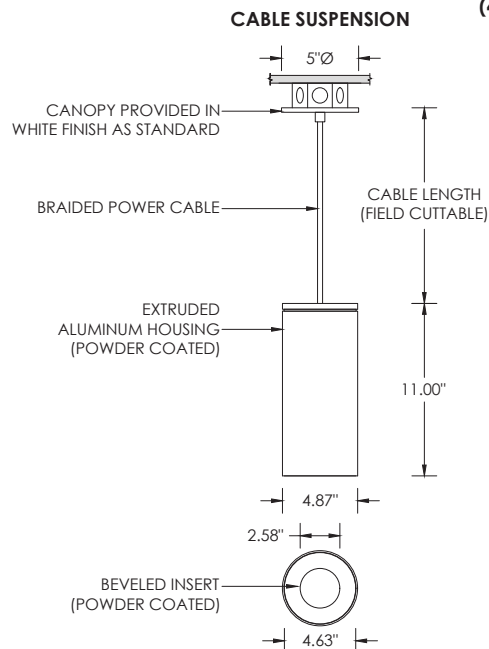
RECESSED J-BOX (4" OCTAGONAL BY OTHERS)



SUITABLE FOR
SLOPED CEILING



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



SUITABLE FOR
SLOPED CEILING

