

3G LIGHTING

3G-PDL45RM5

4.5" MINI MADISON CYLINDER
7" AND 11" HEIGHT
DYNAMIC WHITE

4.5" diameter high performance adjustable cylinder
Companion to 3G's Madison product family
Machined aluminum double gimbal. Adjustable and lockable
1.95" Regressed LED source for enhanced glare control
Extruded aluminum housing with powder coated finish
Twist and lock construction and no visible hardware
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	FIXTURE HEIGHT	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE
3G-PDL45RM5	7H - 7" HEIGHT*	DW - DIM TO WARM (1800-3000K) TW - TUNABLE WHITE ¹ (2700-6500K)	08 - 800 LUMENS	H90 - 90+ CRI	20D - 20° ⁴
	11H - 11" HEIGHT		12 - 1200 LUMENS 20 - 2000 LUMENS		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 & INSERT FINISH	GIMBAL 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%) DALI - DALI (eldoLED, 100-1%) ³ DHL2 - LUTRON HI-LUME LDE1 (1% ECOSYSTEM) DMX - DMX (eldoLED, 100-0%)	WH - WHITE BK - BLACK SV - SILVER CF - CUSTOM RAL COLOR	NG - NATURAL BG - BLACK WG - WHITE

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	HXB50 - BLACK HEXCELL LOUVER LS50 - LINEAR SPREAD SB50 - SANDBLASTED LENS SF50 - SOFTENING LENS
		All suspension options are field cuttable	Maximum 2 optical accessories 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 20° reflector available with 800lm option only

3GD - Warm Dim
3GT - Tunable White

MAY 31, 2021

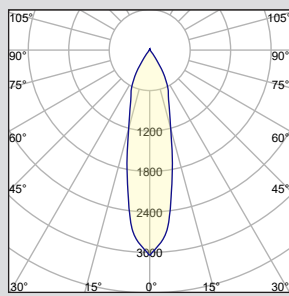


PERFORMANCE CHART BASED ON 60° BEAM AND 3000K SOURCE

DIM TO WARM LUMEN OUTPUT	90+ CRI (3000K)		
	DELIVERED LUMENS	SYSTEM WATTS	EFFICACY (LPW)
800LMs	N/A	N/A	N/A
1200LMs	1145	15.4	74
2000LMs	1611	23.2	69

PHOTOMETRY

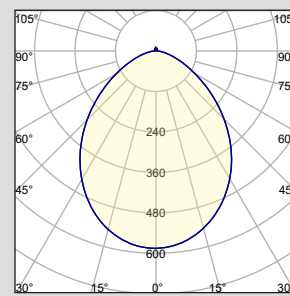
20D - 20° BEAM ANGLE



3G-PDL45RM5-DW-15-08-H90-20D

LUMEN OUTPUT: 800LMs
 DELIVERED LUMENS: 685LMs
 SYSTEM WATTS: 10.3W
 EFFICACY: 66LPW
 CRI: 90+
 CCT: 3500K

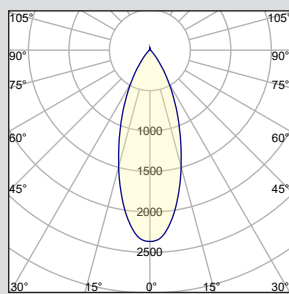
90D - 90° BEAM ANGLE



3G-PDL45RM5-DW-15-08-H90-90D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1054LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 68LPW
 CRI: 90+
 CCT: 3500K

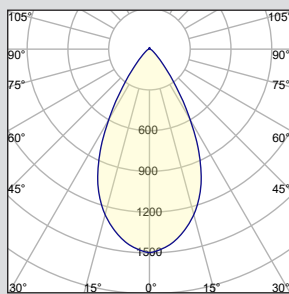
40D - 40° BEAM ANGLE



3G-PDL45RM5-DW-15-08-H90-40D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1113LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 72LPW
 CRI: 90+
 CCT: 3500K

60D - 60° BEAM ANGLE



3G-PDL45RM5-DW-15-08-H90-60D

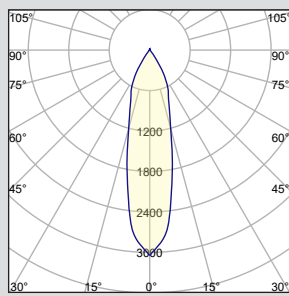
LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1145LMs
 SYSTEM WATTS: 15.4W
 EFFICACY: 74LPW
 CRI: 90+
 CCT: 3500K

PERFORMANCE CHART BASED ON 60° BEAM AND 3000K 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	1076	16.6	65	1127	16.6	68	1266	16.6	76
2000LMs	1523	24.5	62	1558	24.5	64	1824	24.5	74

PHOTOMETRY

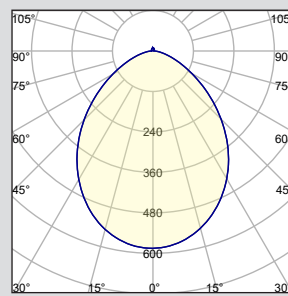
20D - 20° BEAM ANGLE



3G-PDL45RM5-TW-15-08-H90-20D

LUMEN OUTPUT: 800LMs
 DELIVERED LUMENS: 715LMs
 SYSTEM WATTS: 12.6W
 EFFICACY: 57LPW
 CRI: 90+
 CCT: 3500K

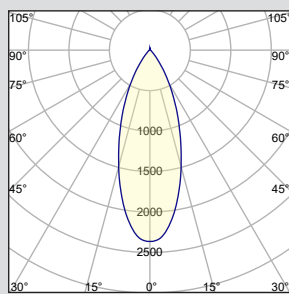
90D - 90° BEAM ANGLE



3G-PDL45RM5-TW-15-08-H90-90D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1037LMs
 SYSTEM WATTS: 16.6W
 EFFICACY: 62LPW
 CRI: 90+
 CCT: 3500K

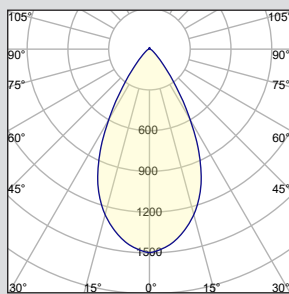
40D - 40° BEAM ANGLE



3G-PDL45RM5-TW-15-08-H90-40D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1121LMs
 SYSTEM WATTS: 12.6W
 EFFICACY: 68LPW
 CRI: 90+
 CCT: 3500K

60D - 60° BEAM ANGLE



3G-PDL45RM5-TW-15-08-H90-60D

LUMEN OUTPUT: 1200LMs
 DELIVERED LUMENS: 1127LMs
 SYSTEM WATTS: 24.5W
 EFFICACY: 68LPW
 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" machined aluminum trim insert feature 3G's Mini Madison double gimbal
Solid aluminum 50mm double gimbal with dual axis adjustability (35°x35°)
Each double gimbal can be locked in place

OPTICS

Regressed LED source for enhanced glare control
Proprietary anodized, aluminum reflectors are field replaceable (20° reflector not interchangeable)
Available in 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

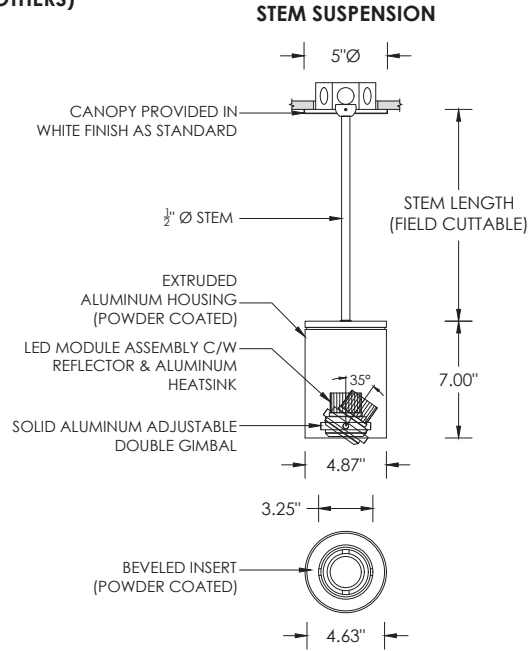
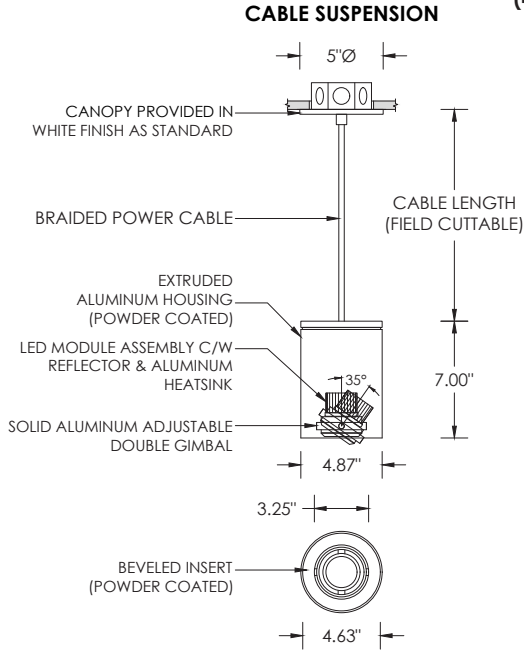
ETL listed and tested to UL standards. Suitable for dry and damp locations

WARRANTY

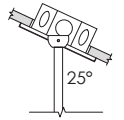
5 Year Warranty on LED and drivers
Manufacturer 1 Year Warranty for defects in material and workmanship under normal use
Ambient temperature at fixture should not exceed 25°C

DRAWINGS AND DIMENSIONS 7" HEIGHT

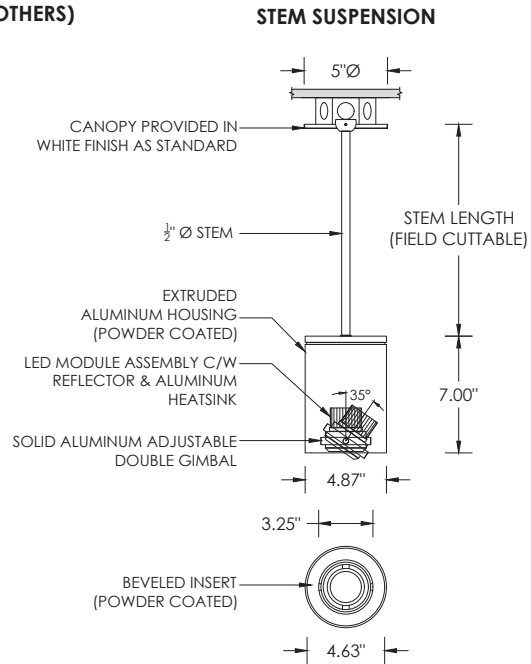
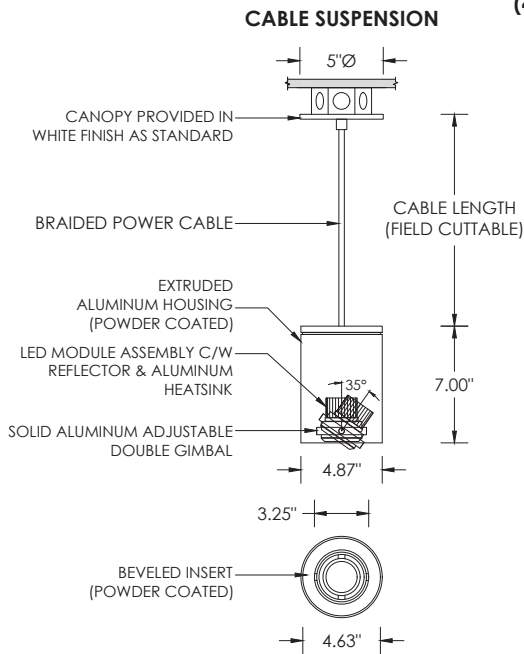
RECESSED J-BOX (4" OCTAGONAL BY OTHERS)



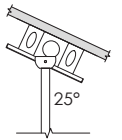
SUITABLE FOR SLOPED CEILING



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

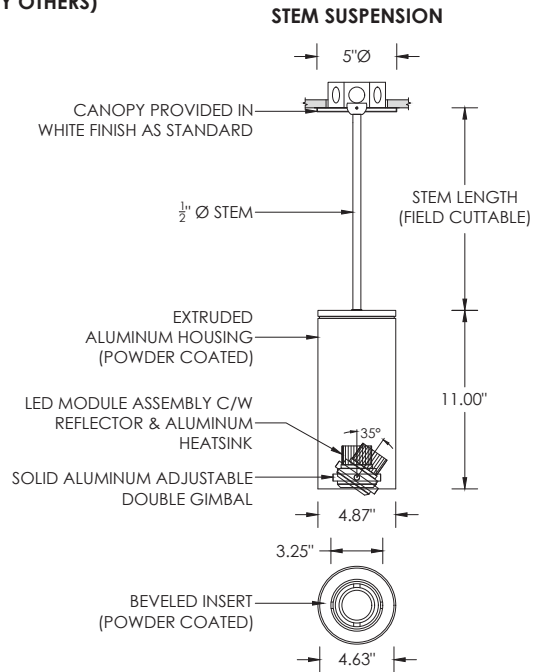
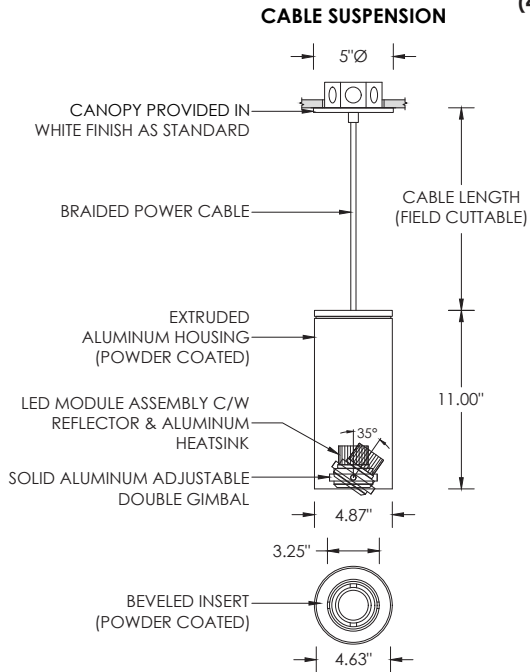


SUITABLE FOR SLOPED CEILING

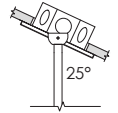


DRAWINGS AND DIMENSIONS 11" HEIGHT

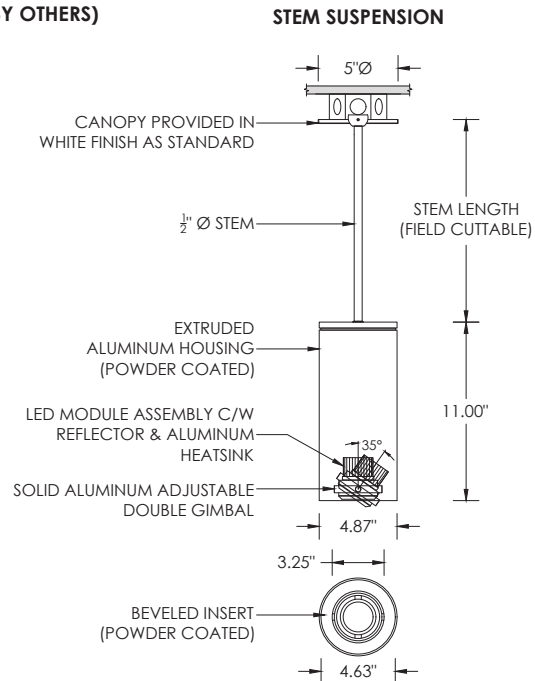
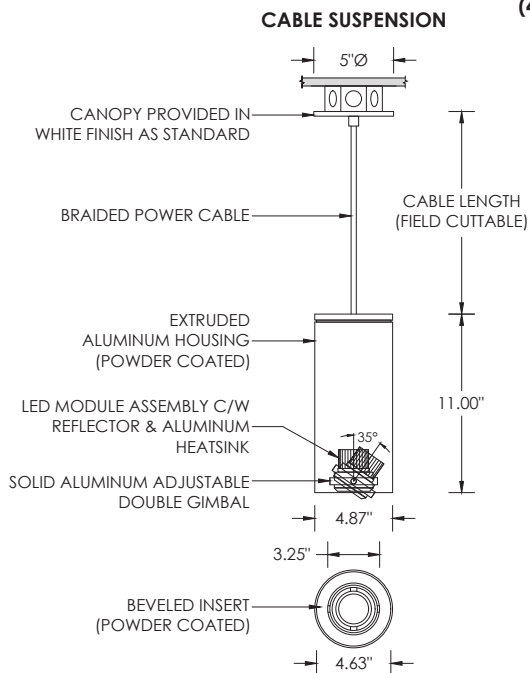
RECESSED J-BOX (4" OCTAGONAL BY OTHERS)



SUITABLE FOR SLOPED CEILING



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



SUITABLE FOR SLOPED CEILING

