



## 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:		TYPE:	
CATALOG #:		DATE:	

CAT. NO	FIXTURE HEIGHT	LED SOURCE	LUMEN OUTPUT	CRI	BEAM ANGLE
3G-PDL45RM5	7H - 7" HEIGHT*	DW - DIM TO WARM (1800-3000K)	08 - 800 LUMENS	H90 - 90+ CRI	20D - 20° <sup>2</sup>
	11H - 11" HEIGHT	TW - TUNABLE WHITE <sup>1</sup> (2700-6500K)	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	HOUSING FINISH	GIMBAL FINISH
UNV - 120/277V 120 - 120V	DIM - 0-10V (STANDARD 100-1%) LE - PHASE DIMMING <sup>3</sup> (TRIAC/ELV, 100-1%) D01 - 0-10V (eIdoLED, 100-0.1%) <sup>1,4</sup> DALI - DALI (eIdoLED, 100-1%) <sup>1,5</sup> DHL2 - LUTRON HI-LUME LDE1 (1% ECOSYSTEM) DMX - DMX (eIdoLED, 100-0%) <sup>1,4</sup>	WH - WHITE BK - BLACK SV - SILVER CF - CUSTOM RAL COLOR	NG - NATURAL BG - BLACK WG - WHITE

CANOPY	SUSPENSION TYPE	SUSPENSION LENGTH	OPTIONS
WCN - WHITE (STANDARD) BCN - BLACK SCN - SILVER CFW - WHITE CONDUIT FEED CANOPY CFB - BLACK CONDUIT FEED CANOPY CFS - SILVER CONDUIT FEED CANOPY	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  All suspension options are field cuttable	HXB - BLACK HEXCELL LOUVER LS - LINEAR SPREAD SB - SANDBLASTED LENS SF - SOFTENING LENS EMR - EMERGENCY BATTERY (REMOTE)  Maximum 2 optical accessories Not available with 90D reflector option

- <sup>1</sup> Tunable White option not available in 7" height. Available with D01, DALI and DMX drivers  
<sup>2</sup> 20° reflector available with 800lm option only  
<sup>3</sup> Phase dimming options available in 120V only  
<sup>4</sup> Cable suspension not available with D01 and DMX drivers  
<sup>5</sup> DALI-2 (Type 6) provided as standard. Consult factory for DALI Type 8 option  
<sup>6</sup> Fixture operates at 6500K in emergency mode. Emergency battery installed remotely by others. Not accessible through the inside of the fixture

**3GD** - Warm Dim  
**3GT** - Tunable White

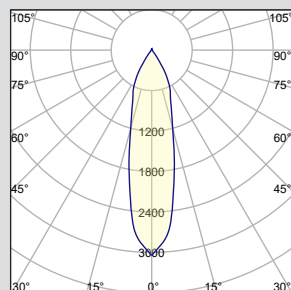
DECEMBER 14, 2023

### 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

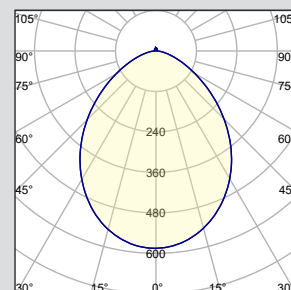
#### 20D - 20° BEAM ANGLE



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

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

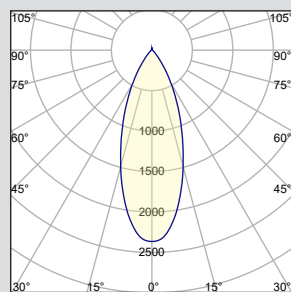
#### 90D - 90° BEAM ANGLE



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

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

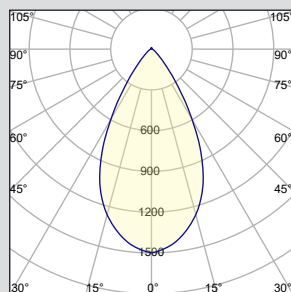
#### 40D - 40° BEAM ANGLE



#### 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

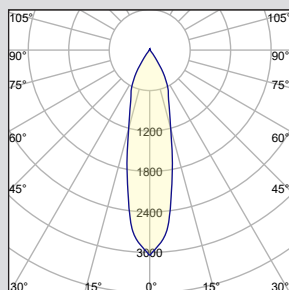
LUMEN OUTPUT: 1200LMs  
 DELIVERED LUMENS: 1145LMs  
 SYSTEM WATTS: 15.4W  
 EFFICACY: 74LPW  
 CRI: 90+  
 CCT: 3500K

### 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

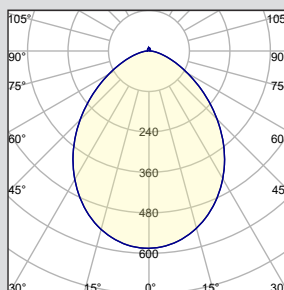
#### 20D - 20° BEAM ANGLE



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

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

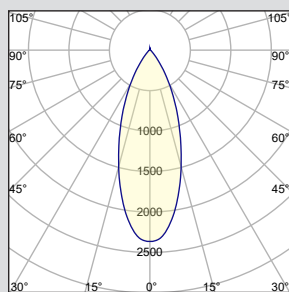
#### 90D - 90° BEAM ANGLE



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

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

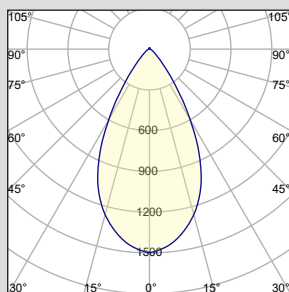
#### 40D - 40° BEAM ANGLE



#### 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 conforms to UL1598 standard. Certified to CSA22.2 NO.250.0. Rated for indoor dry or damp locations

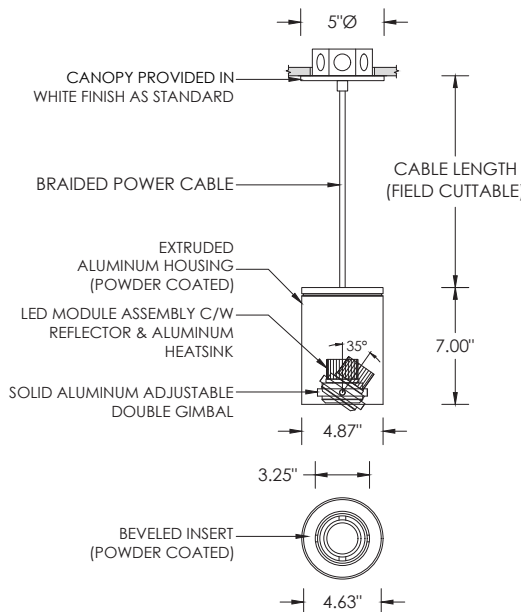
**WARRANTY**

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

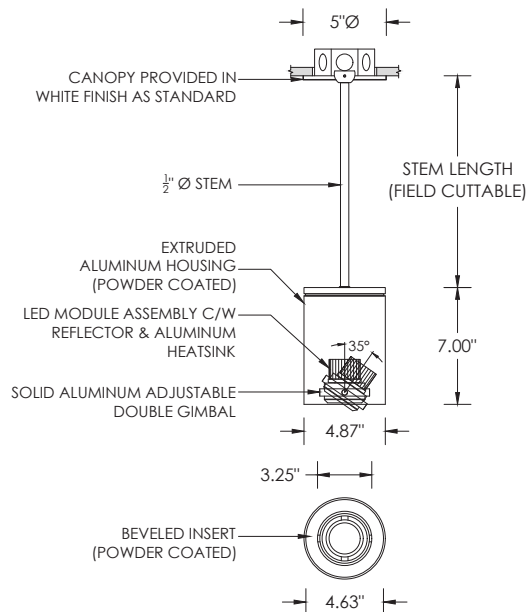
### DRAWINGS AND DIMENSIONS

#### RECESSED 4" OCTAGONAL JUNCTION BOX BY OTHERS STANDARD CANOPY MOUNT

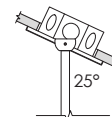
##### CABLE SUSPENSION



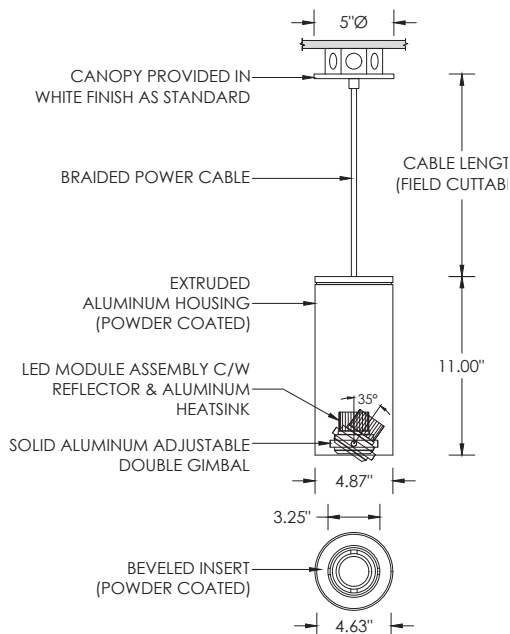
##### STEM SUSPENSION



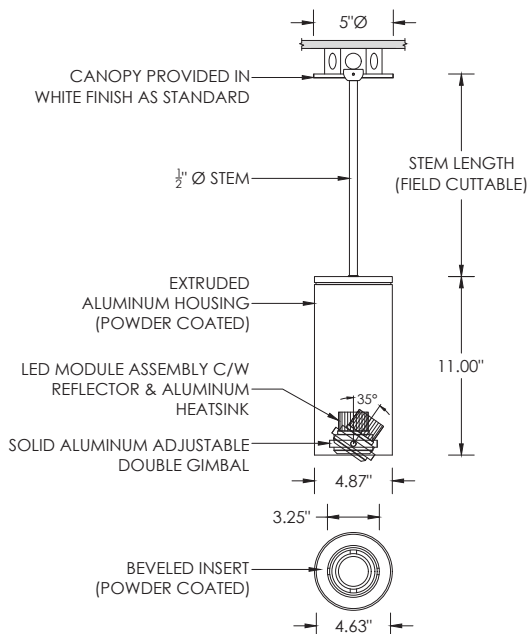
##### SUITABLE FOR SLOPED CEILING



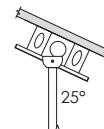
##### CABLE SUSPENSION



##### STEM SUSPENSION

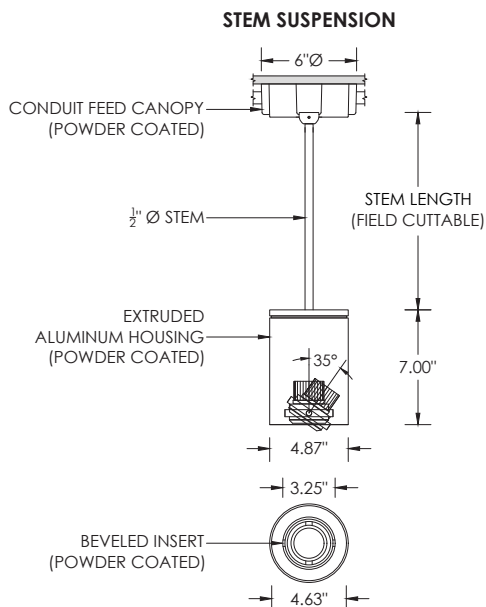
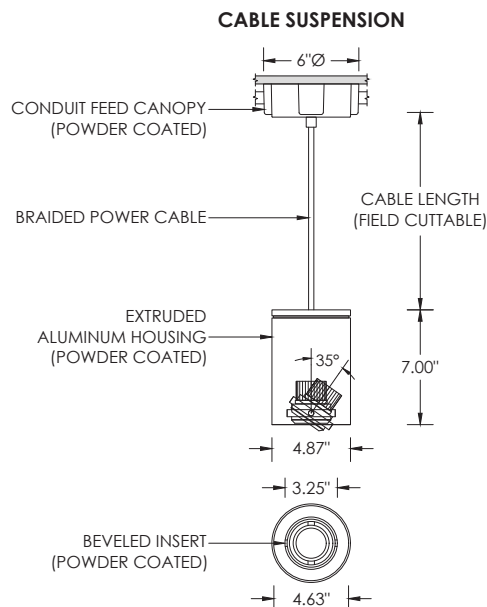


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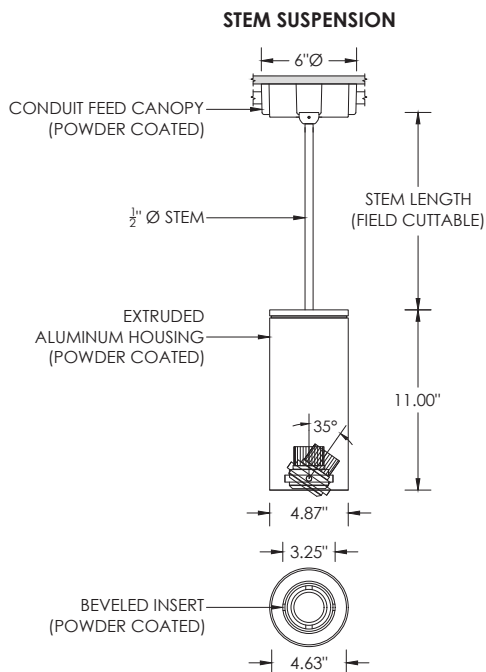
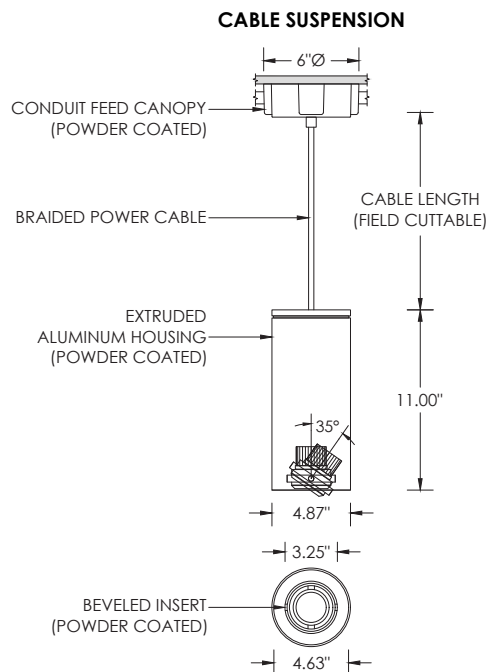
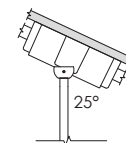


### DRAWINGS AND DIMENSIONS

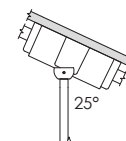
#### SURFACE 4" OCTAGONAL X 1.5" DEEP JUNCTION BOX BY OTHERS CONDUIT FEED CANOPY MOUNT (CFX OPTION)



SUITABLE FOR  
SLOPED CEILING



SUITABLE FOR  
SLOPED CEILING



**DRAWINGS AND DIMENSIONS**

**CONDUIT FEED CANOPY MOUNTING OPTIONS**

