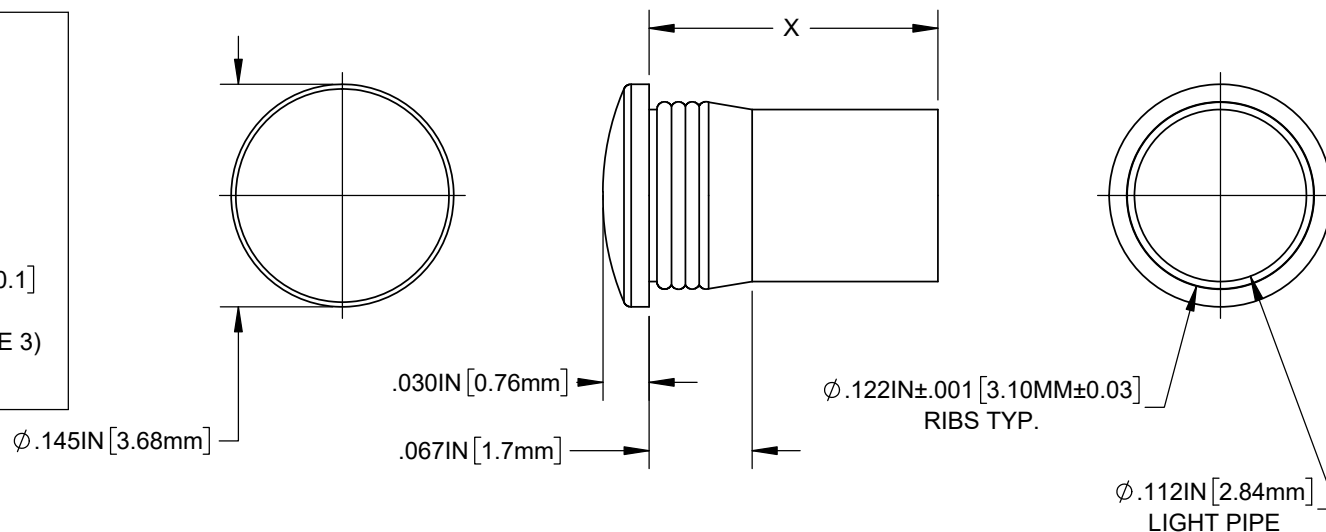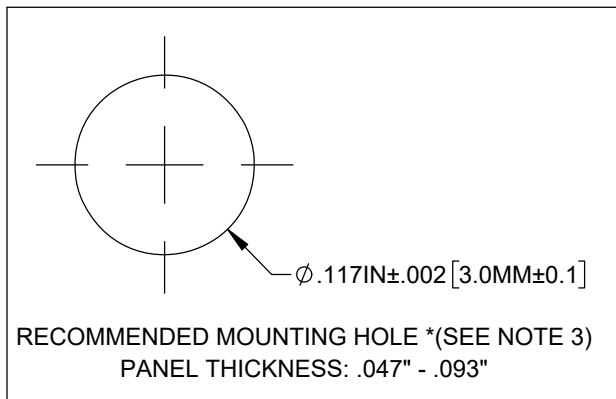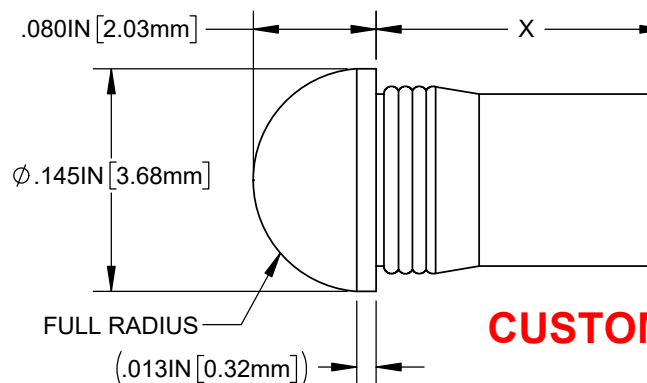NOTES:
1. MATERIAL: POLYCARBONATE, UL94V-0, CLEAR.
2. OPERATING TEMPERATURE: -40°C to 120°C.
3. THE RECOMMENDED REFERENCED MOUNTING HOLE IS SPECIFIED FOR EASE OF ASSEMBLY AND IP54 APPLICATION REQUIREMENTS AS TESTED BY BIVAR. THE LIGHT PIPE(S) MUST BE INSERTED FIRMLY PERPENDICULAR INTO THE PANEL OR SURFACE'S HOLE OPENING WITH THE FLANGE FULLY FLUSHED AFTER PANEL INSTALLATION. ADJUSTMENTS TO THESE MOUNTING HOLE DIMENSIONS CAN BE MADE BASED ON AVAILABLE TOOLS, EQUIPMENT, PANEL MATERIAL, AND MFG CAPABILITIES TO PROPERLY FIT THE LIGHT PIPE(S) IN THE PANEL OR SURFACE FOR ITS INTENDED APPLICATION.

∅.117IN±.002 [3.0MM±0.1]

RECOMMENDED MOUNTING HOLE *(SEE NOTE 3)
PANEL THICKNESS: .047" - .093"

∅.145IN [3.68mm]

.030IN [0.76mm]
.067IN [1.7mm]

X

∅.122IN±.001 [3.10MM±0.03]
RIBS TYP.

∅.112IN [2.84mm]
LIGHT PIPE

.080IN [2.03mm]

X

∅.145IN [3.68mm]

FULL RADIUS

(.013IN [0.32mm])

PART NO.	X = BODY LENGTH	LENS FACE
GLP2-100-R-54	0.100IN [2.54mm]	ROUND
GLP2-125-R-54	0.125IN [3.2mm]	ROUND
GLP2-215-R-54	0.215IN [5.5mm]	ROUND
GLP2-250-R-54	0.250IN [6.4mm]	ROUND
GLP2-350-R-54	0.350IN [8.9mm]	ROUND
GLP2-375-R-54	0.375IN [9.5mm]	ROUND
GLP2-500-R-54	0.500IN [12.7mm]	ROUND
GLP2-625-R-54	0.625IN [15.9mm]	ROUND
GLP2-750-R-54	0.750IN [19.0mm]	ROUND
GLP2-1000-R-54	1.000IN [25.4mm]	ROUND
GLP2-1200-R-54	1.200IN [30.5mm]	ROUND
GLP2-100-D-54	0.100IN [2.54mm]	DOME
GLP2-125-D-54	0.125IN [3.2mm]	DOME
GLP2-250-D-54	0.250IN [6.4mm]	DOME
GLP2-313-D-54	0.313IN [7.9mm]	DOME
GLP2-350-D-54	0.350IN [8.9mm]	DOME
GLP2-375-D-54	0.375IN [9.5mm]	DOME
GLP2-500-D-54	0.500IN [12.7mm]	DOME
GLP2-625-D-54	0.625IN [15.9mm]	DOME
GLP2-750-D-54	0.750IN [19.0mm]	DOME
GLP2-1200-D-54	1.200IN [30.5mm]	DOME
GLP2-7MM-D-54	0.276IN [7.0mm]	DOME

ROUND FACE
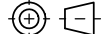
DOME FACE

CUSTOMER USE DRAWING

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)

DECIMALS
.X   ± .1
.XX   ± .01
.XXX   ± .005

ANGULAR
X°   ± 1°

BIVAR ®
4 THOMAS, IRVINE, CA. 92618
TEL: (949) 951-8808   FAX: (949) 951-3974

TITLE: PRESS-FIT PANEL MOUNT LIGHT PIPE (D/R), IP-54

DESIGNED: A. VALDEZ   DATE: 6/7/2024
REVISED: K. BARON   DATE: 4/16/2025
CHECKED: R. PEREYRA   DATE: 4/16/2025

DRAWING NO: GLP2-XXX-Y-ZZ   REVISION: D1

SHEET SIZE: A   CAGE CODE: 32559

SCALE: 8:1   SHEET # 1 OF 1

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING