

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	CUT
1	LS16-MW-E31CSM-12LED-30K-CAST CANOPY	CAST ALUMINUM	1	
2	LS16-MW-E31CSM-12LED-30K-E31CSM ARM TUBE	7/8" ALUMINUM TUBE	1	
3	LS16-MW-E31CSM-12LED-30K-SHADE	SPUN ALUMINUM 0.080"	1	
4	LS16-MW-E31CSM-12LED-30K-SPHERE CAP	SPUN ALUMINUM 0.090"	1	
5	LS16-MW-E31CSM-12LED-30K-SPHERE RINGS	SPUN ALUMINUM 0.080"	1	
6	LS16-MW-E31CSM-12LED-30K-SPHERE MOUNT	SPUN ALUMINUM 0.0635"	1	
7	LS16-MW-E31CSM-12LED-30K-BELL MOUNT	SPUN ALUMINUM 0.0635"	1	
8	LS16-MW-E31CSM-12LED-30K-LED PLATE	SPUN ALUMINUM 0.0635"	1	
9	LS16-MW-E31CSM-12LED-30K-DRIVER BRACKET	ALUMINUM 0.0635"	1	
10	LS16-MW-E31CSM-12LED-30K-0.5" ROUND BAR	1/2" ALUMINUM ROUND BAR	4	
11	LS16-MW-E31CSM-12LED-30K-0.500" NUT	ALUMINUM 0.500" PLATE	1	
12	LS16-MW-E31CSM-12LED-30K-TUBE LENS	ACRYLIC	1	
13	50 MM HEAT SINK	HEAT SINK	1	
16	EspenTECH_120277V_SKU808076	DRIVER	1	
17	AltaiLED_PCN_D1500_110B-10 WATT	LED	1	

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL ± .003  
ANGULAR: MACH ± .01 BEND ±  
TWO PLACE DECIMAL ±  
THREE PLACE DECIMAL ±.001

INTERPRET GEOMETRIC  
TOLERANCING PER:

MATERIAL

FINISH

ALL BEND RADIUS .030"

APPLICATION

DO NOT SCALE DRAWING

NAME DATE

DRAWN  
CHECKED  
ENG APPR.  
MFG APPR.

Q.A.  
COMMENTS:

TITLE:

LS16-MW-E31CSM-12LED-30K

SIZE DWG. NO.

**A** TICKET 25148

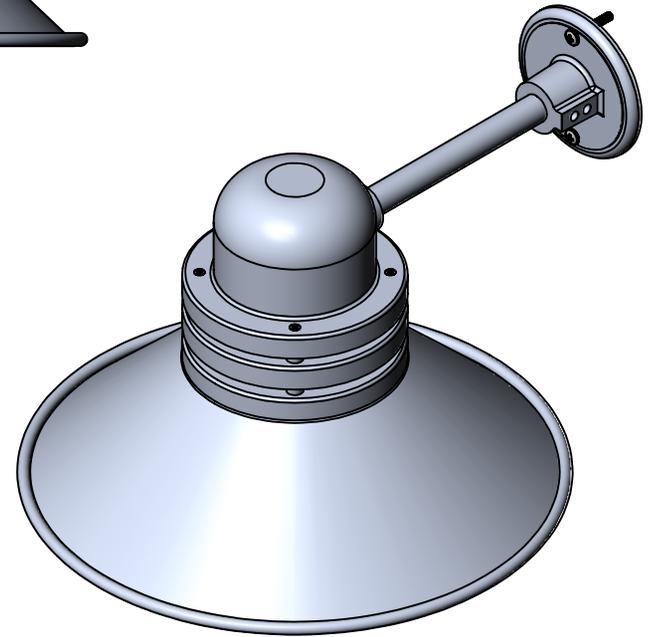
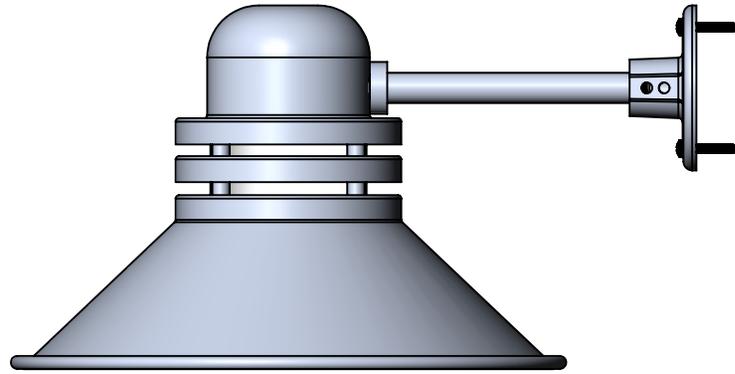
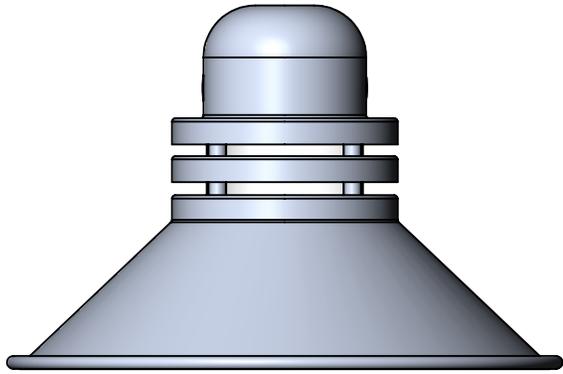
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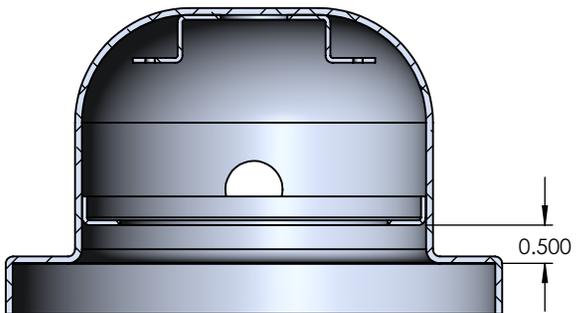
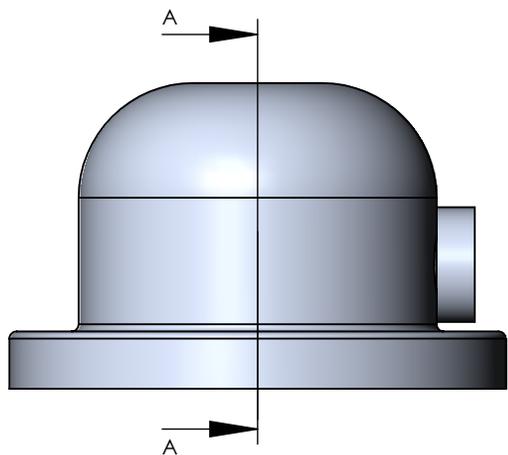
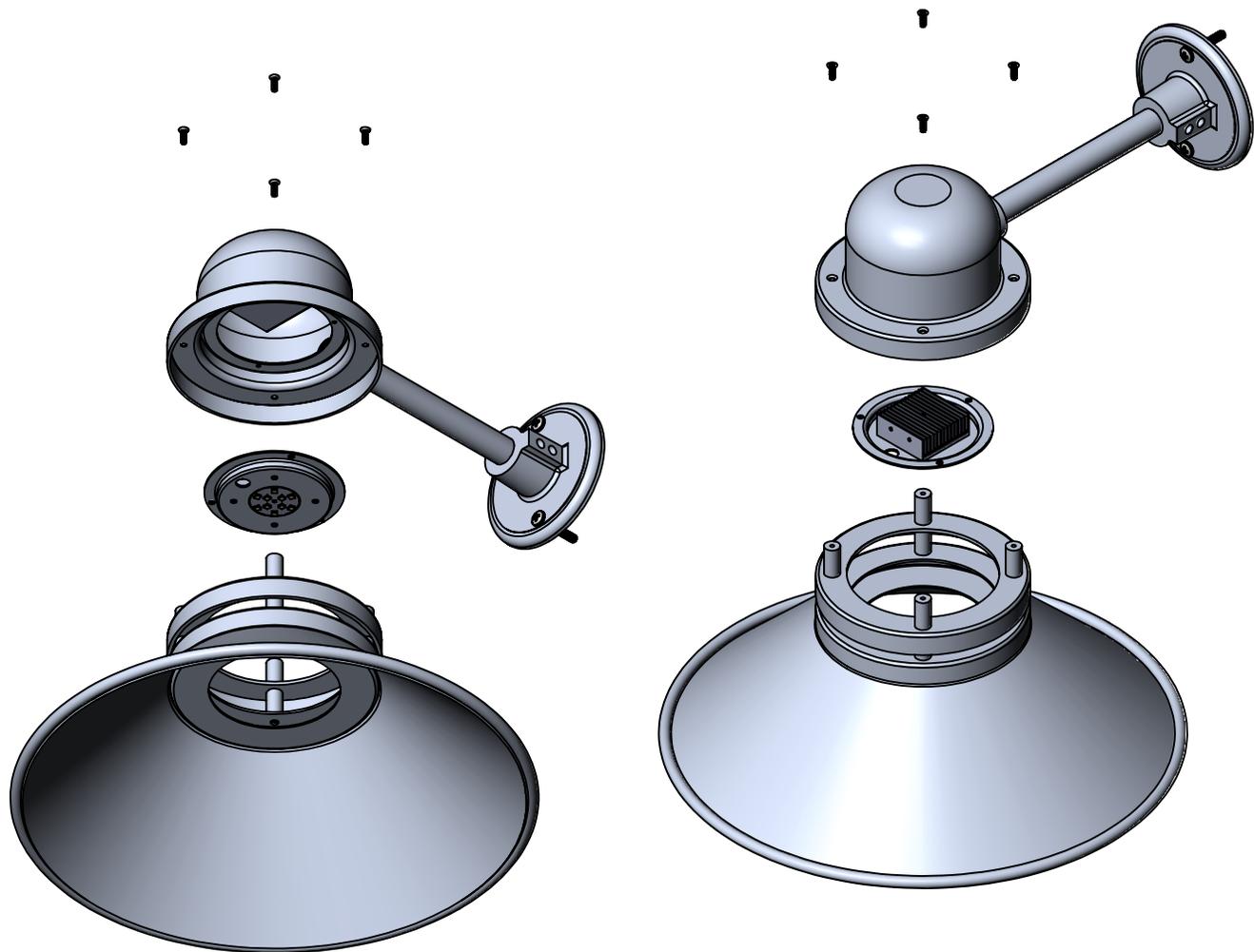
SCALE: 1:7 WEIGHT:

SHEET 1 OF 11

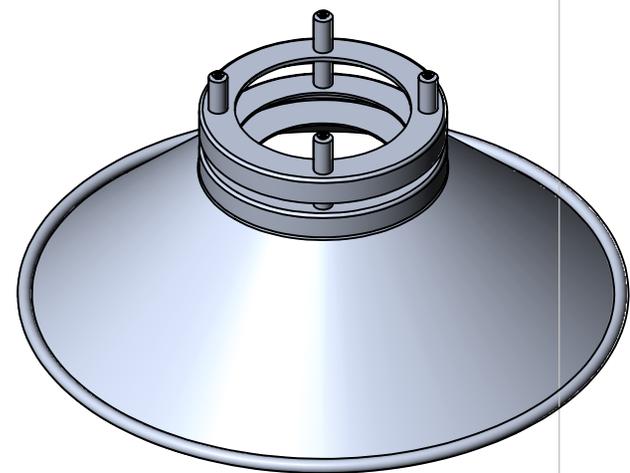
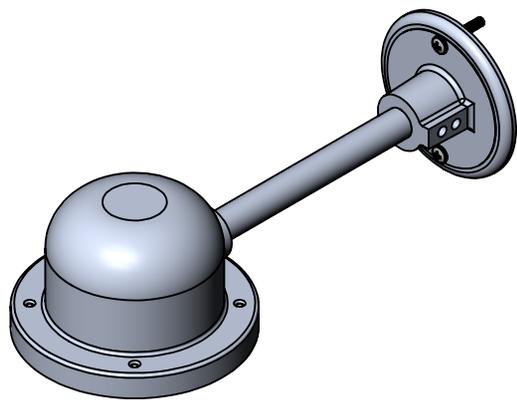
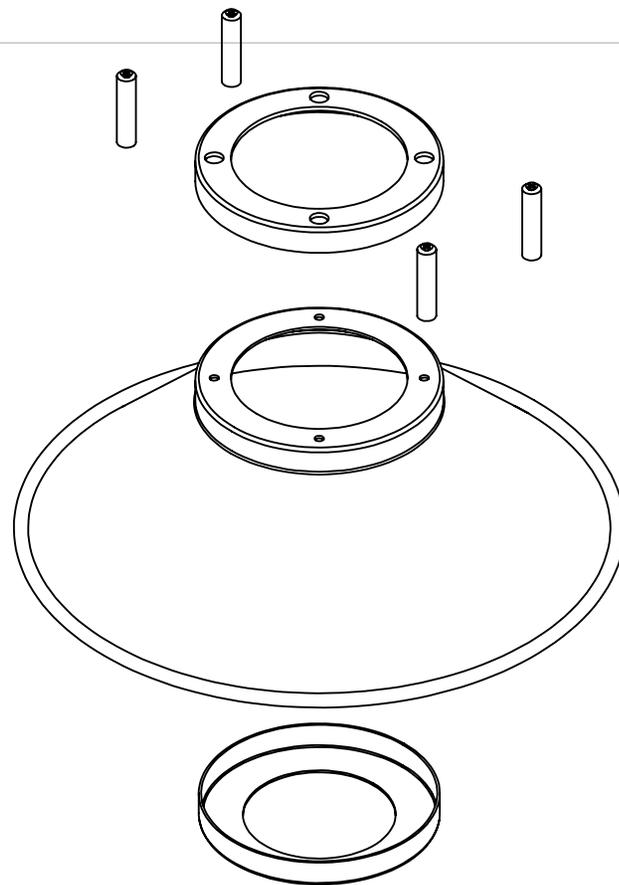
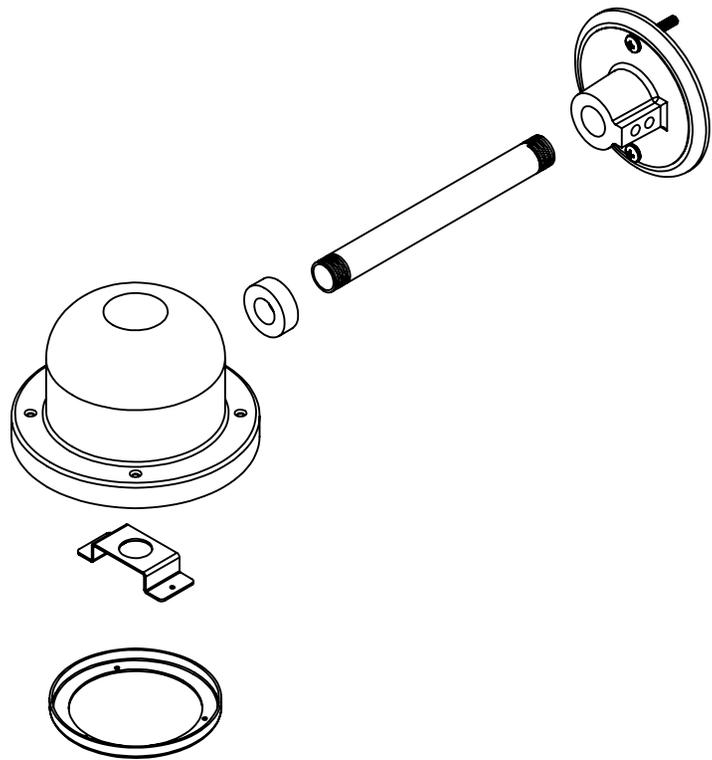


**EVERGREEN LIGHTING**

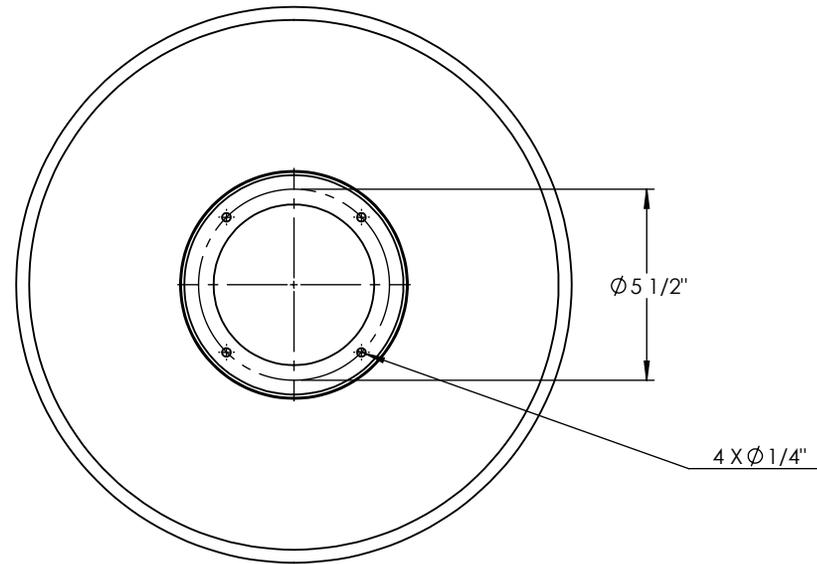
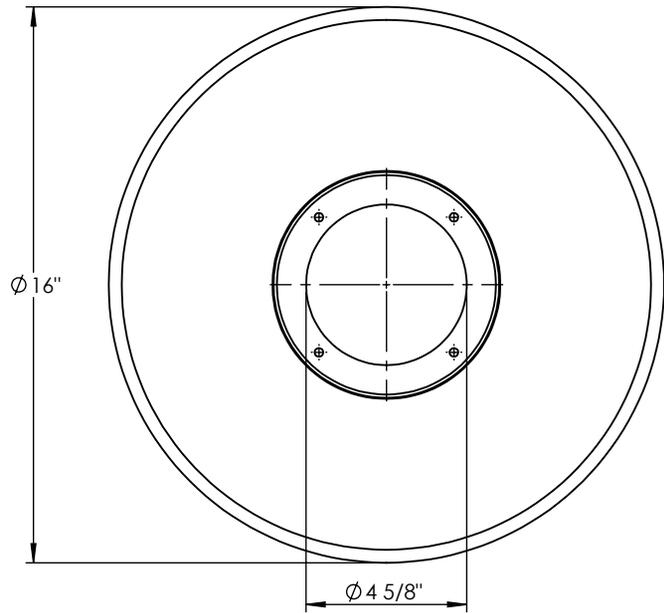
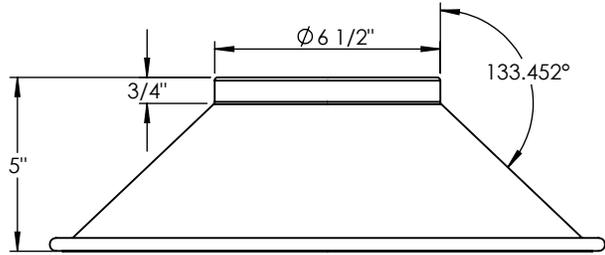




SECTION A-A  
SCALE 1 : 2.5



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LS16-MW-E31CSM-12LED-30K-SHADE	SPUN ALUMINUM 0.080"	1

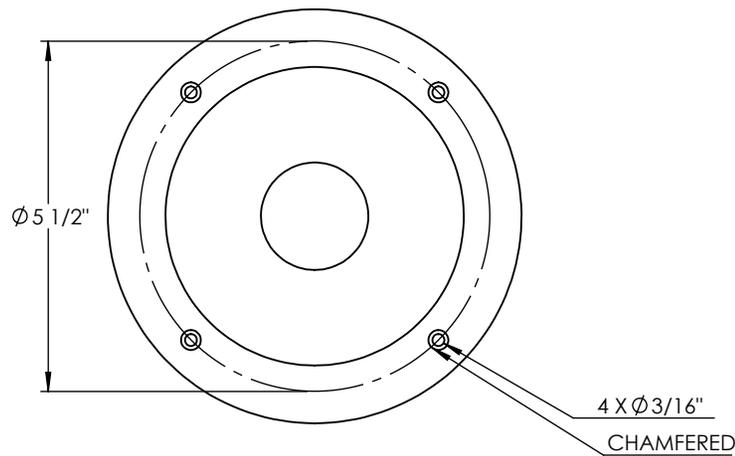
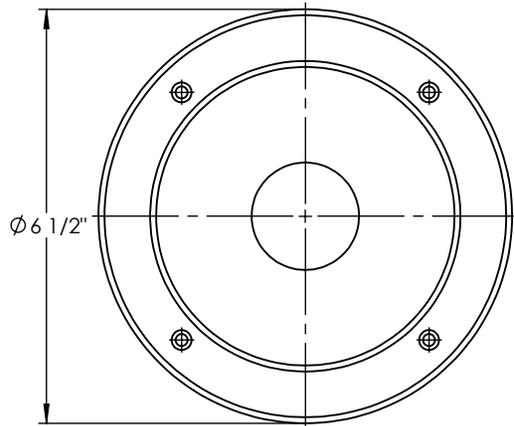
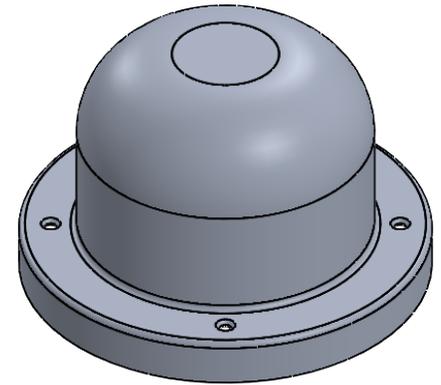
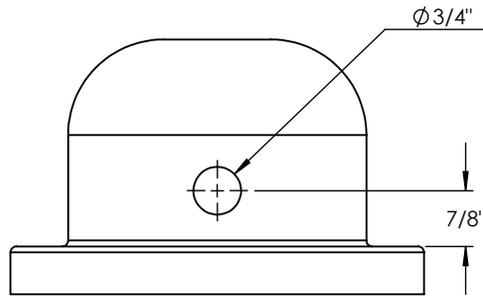
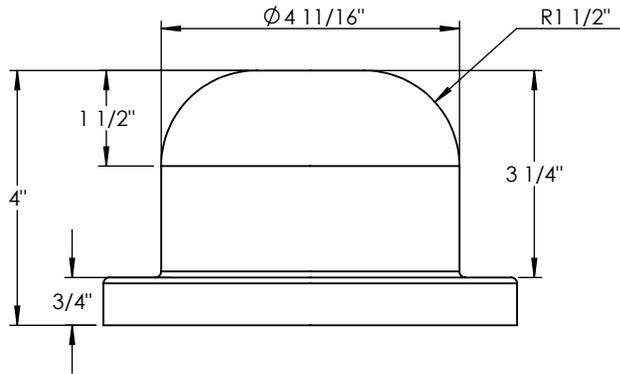


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES		DRAWN	
		TOLERANCES:		CHECKED	
		FRACTIONAL ±		ENG APPR.	
		ANGULAR: MACH ± BEND ±		MFG APPR.	
		TWO PLACE DECIMAL ±		Q.A.	
		THREE PLACE DECIMAL ±		COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		FINISH			
NEXT ASSY	USED ON				
APPLICATION		DO NOT SCALE DRAWING			

SPUN ALUMINUM 0.080"		
TITLE:		
LS16-MW-E31CSM-12LED-30K		
SIZE	DWG. NO.	REV
<b>A</b>		
SCALE: 1:5.5WEIGHT:		SHEET 5 OF 11

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LS16-MW-E31CSM-12LED-30K-SPHERE CAP	SPUN ALUMINUM 0.090"	1



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		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
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		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

SPUN ALUMINUM 0.090"		
TITLE:		
LS16-MW-E31CSM-12LED-30K		
SIZE	DWG. NO.	REV
<b>A</b>		
SCALE: 1:3	WEIGHT:	SHEET 6 OF 11

5

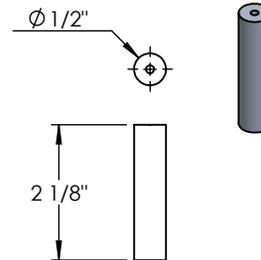
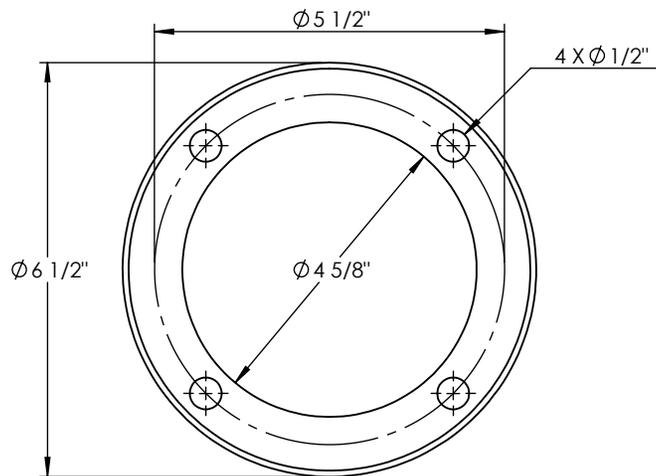
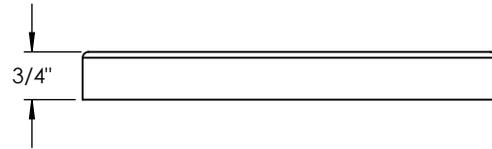
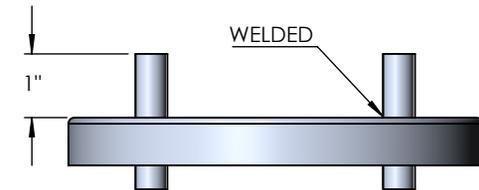
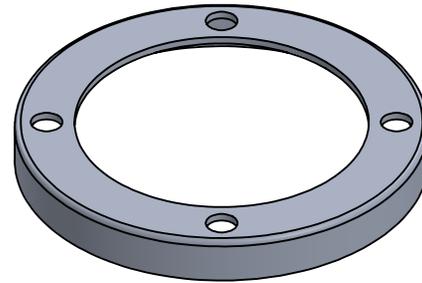
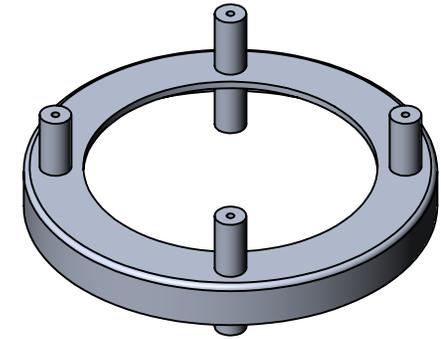
4

3

2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LS16-MW-E31CSM-12LED-30K-SPHERE RINGS	SPUN ALUMINUM 0.080"	1



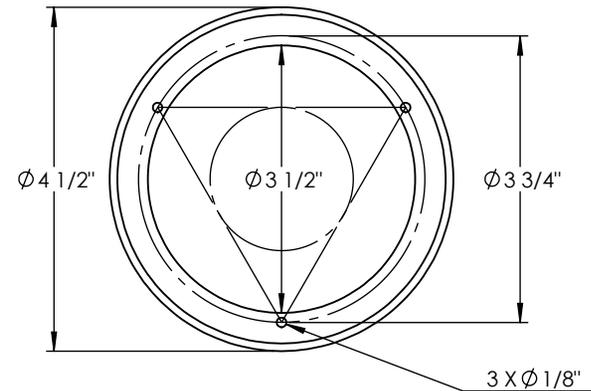
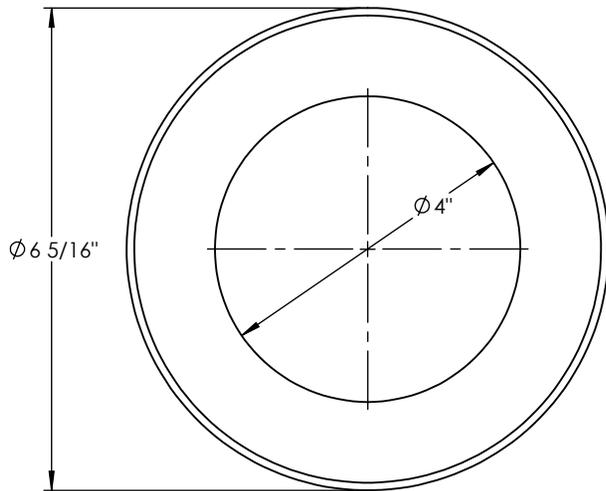
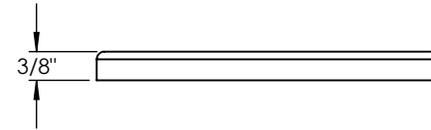
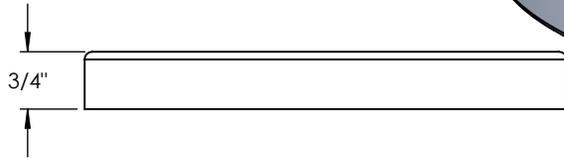
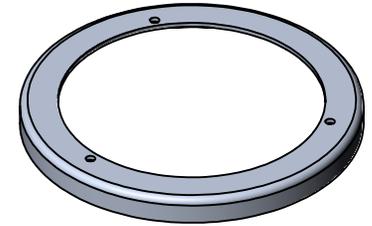
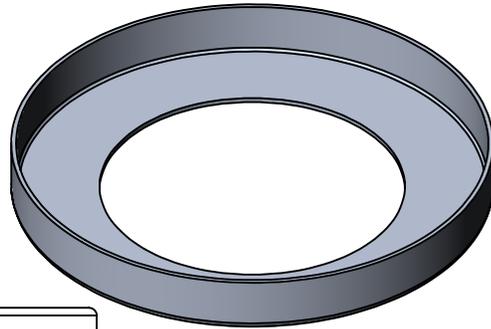
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		DIMENSIONS ARE IN INCHES		DRAWN	
		TOLERANCES:		CHECKED	
		FRACTIONAL ±		ENG APPR.	
		ANGULAR: MACH ± BEND ±		MFG APPR.	
		TWO PLACE DECIMAL ±		Q.A.	
		THREE PLACE DECIMAL ±		COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
	NEXT ASSY	USED ON			
		FINISH			
	APPLICATION	DO NOT SCALE DRAWING			

SPUN ALUMINUM 0.080"		
TITLE:		
LS16-MW-E31CSM-12LED-30K		
SIZE	DWG. NO.	REV
<b>A</b>		
SCALE: 1:3	WEIGHT:	SHEET 7 OF 11

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LS16-MW-E31CSM-12LED-30K-BELL MOUNT	SPUN ALUMINUM 0.0635"	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LS16-MW-E31CSM-12LED-30K-SPHERE MOUNT	SPUN ALUMINUM 0.0635"	1



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		FRACTIONAL ±	ENG APPR.	
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		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

SPUN ALUMINUM 0.0635"

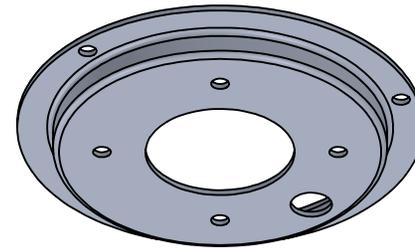
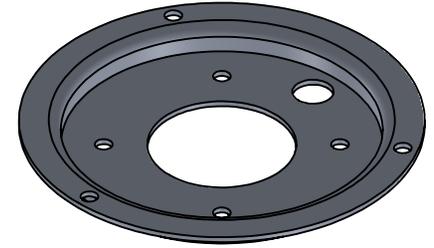
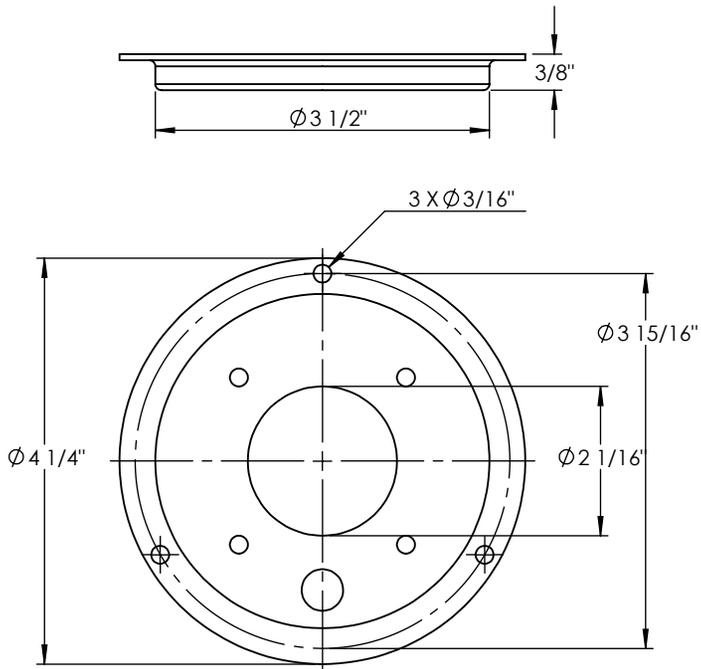
TITLE:

LS16-MW-E31CSM-12LED-30K

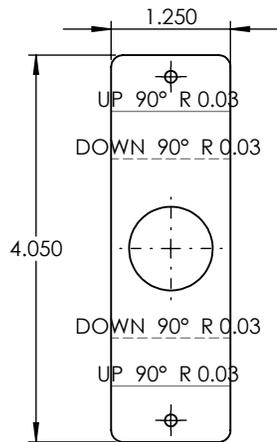
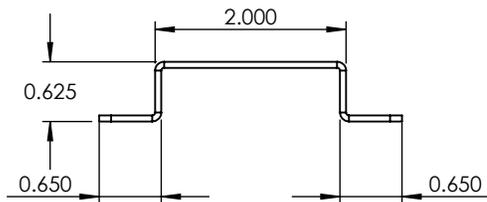
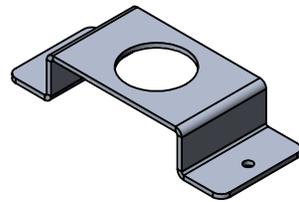
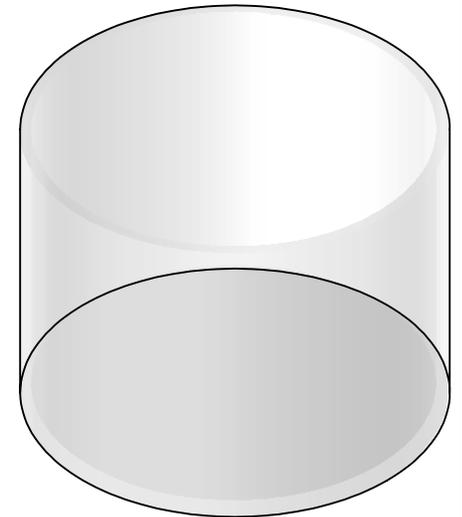
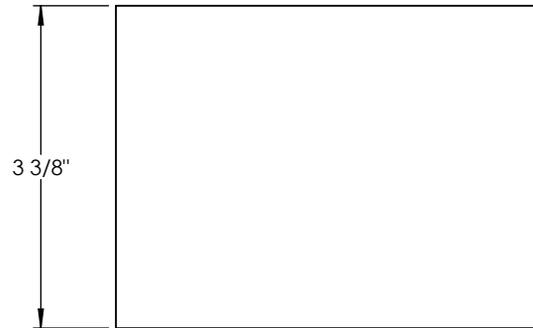
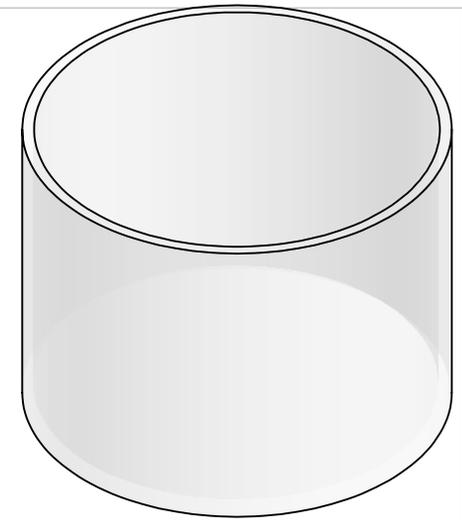
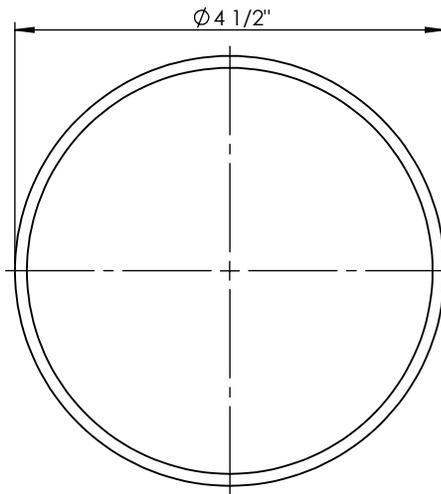
SIZE	DWG. NO.	REV
<b>A</b>		

SCALE: 1:2.5 WEIGHT: SHEET 8 OF 11

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LS16-MW-E31CSM-12LED-30K-LED PLATE	SPUN ALUMINUM 0.0635"	1



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			DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm$ ANGULAR: MACH $\pm$ BEND $\pm$ TWO PLACE DECIMAL $\pm$ THREE PLACE DECIMAL $\pm$	DRAWN			TITLE:		
			INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED			LS16-MW-E31CSM-12LED-30K		
			MATERIAL	ENG APPR.			SIZE	DWG. NO.	REV
			FINISH	MFG APPR.			<b>A</b>		
	NEXT ASSY	USED ON	COMMENTS:	Q.A.					
	APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:2	WEIGHT:	SHEET 9 OF 11



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
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		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

ACRYLIC

TITLE:

LS16-MW-E31CSM-12LED-30K

SIZE	DWG. NO.	REV
<b>A</b>		

SCALE: 1:2 WEIGHT: SHEET 10 OF 11

