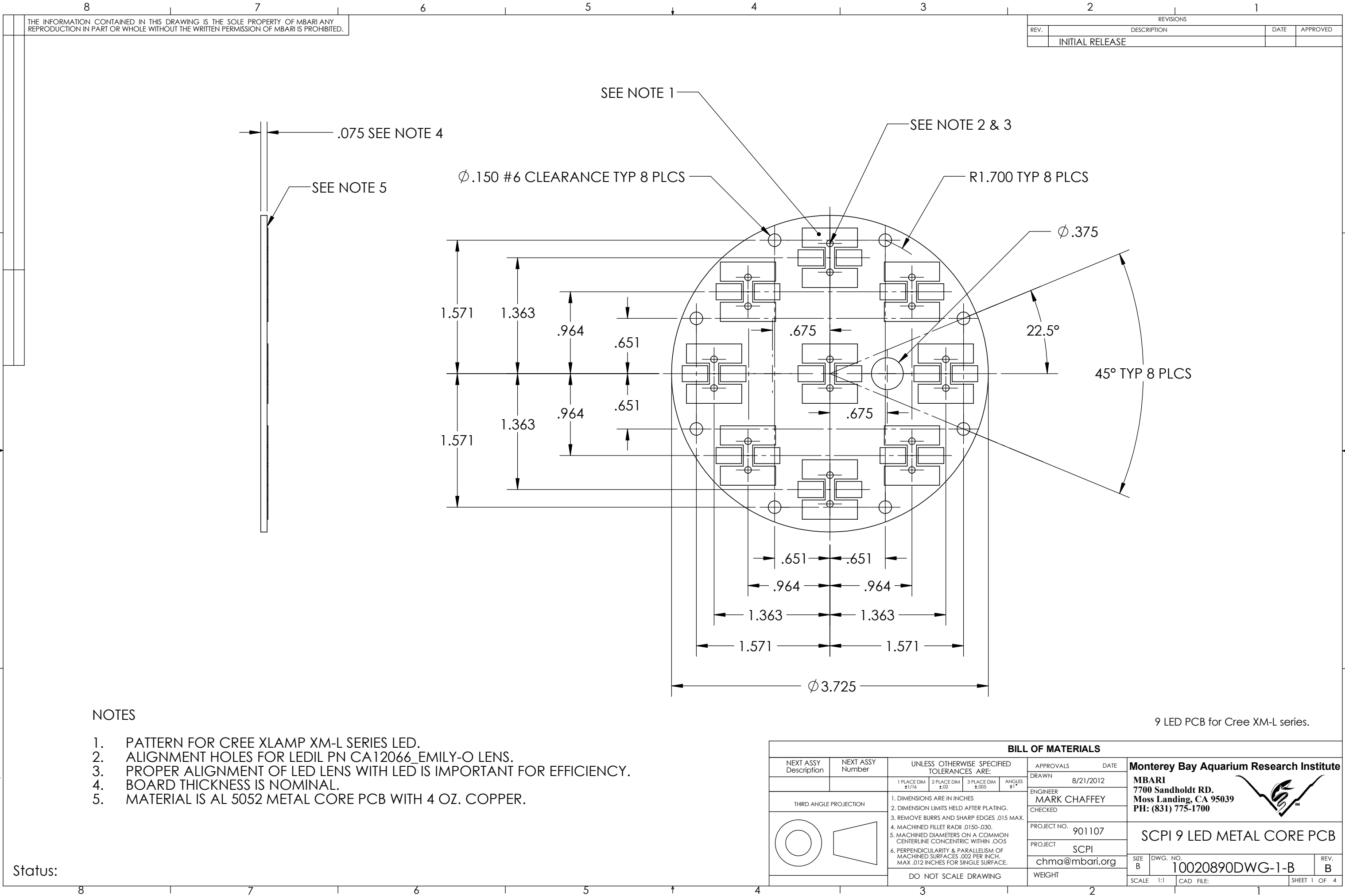




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

NOTES

1. PATTERN FOR CREE XLAMP XM-L SERIES LED.
2. ALIGNMENT HOLES FOR LEDIL PN CA12066 EMILY-O LENS.
3. PROPER ALIGNMENT OF LED LENS WITH LED IS IMPORTANT FOR EFFICIENCY.
4. BOARD THICKNESS IS NOMINAL.
5. MATERIAL IS AL 5052 METAL CORE PCB WITH 4 OZ. COPPER.

Status:

9 LED PCB for Cree XM-L series.

BILL OF MATERIALS										
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	8/21/2012			
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER	MARK CHAFFEY			
						CHECKED				
						PROJECT NO.	901107			
						PROJECT	SCPI			
						chma@mbari.org				
						WEIGHT				
		DO NOT SCALE DRAWING								
						SCALE		1:1	CAD FILE:	SHEET 1 OF 4
						Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 				
						SCPI 9 LED METAL CORE PCB				
						SIZE B	DWG. NO. 10020890DWG-1-B		REV. B	

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SCPI 9 LED METAL CORE PCB

SIZE B DWG. NO. 10020890DWG-1-B REV. B