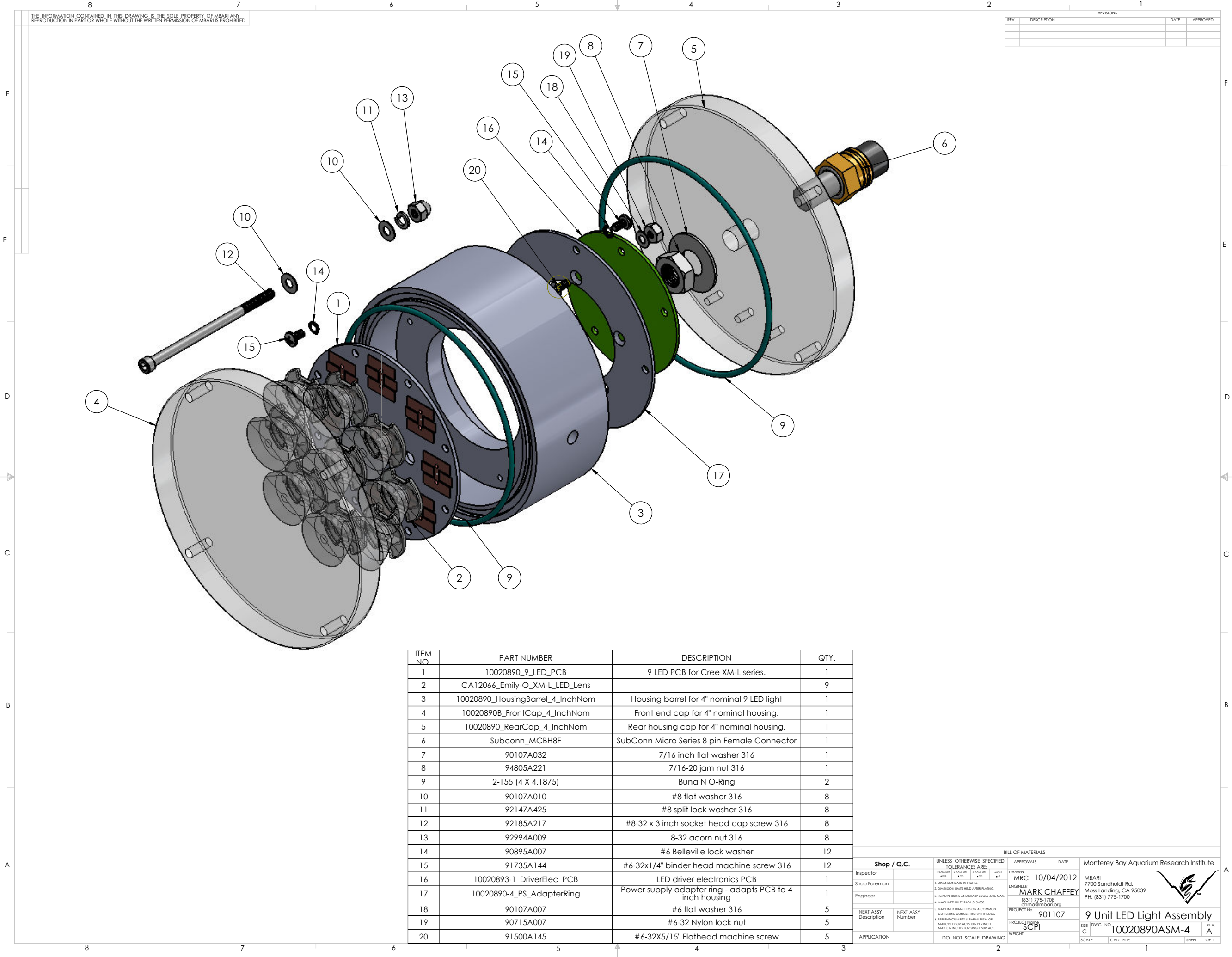




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REV.		DESCRIPTION	REVISIONS		DATE	APPROVED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10020890_9_LED_PCB	9 LED PCB for Cree XM-L series.	1
2	CA12066_Emily-O_XM-L_LED_Lens		9
3	10020890_HousingBarrel_4_InchNom	Housing barrel for 4" nominal 9 LED light	1
4	10020890B_FrontCap_4_InchNom	Front end cap for 4" nominal housing.	1
5	10020890_RearCap_4_InchNom	Rear housing cap for 4" nominal housing.	1
6	Subconn_MCBH8F	SubConn Micro Series 8 pin Female Connector	1
7	90107A032	7/16 inch flat washer 316	1
8	94805A221	7/16-20 jam nut 316	1
9	2-155 (4 X 4.1875)	Buna N O-Ring	2
10	90107A010	#8 flat washer 316	8
11	92147A425	#8 split lock washer 316	8
12	92185A217	#8-32 x 3 inch socket head cap screw 316	8
13	92994A009	8-32 acorn nut 316	8
14	90895A007	#6 Belleville lock washer	12
15	91735A144	#6-32x1/4" binder head machine screw 316	12
16	10020893-1_DriverElec_PCB	LED driver electronics PCB	1
17	10020890-4_PS_AdapterRing	Power supply adapter ring - adapts PCB to 4 inch housing	1
18	90107A007	#6 flat washer 316	5
19	90715A007	#6-32 Nylon lock nut	5
20	91500A145	#6-32X5/15" Flathead machine screw	5

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS DATE
Inspector		FRACTION DECIMAL ANGLE	DRAWN MRC 10/04/2012
Shop Foreman		1/16 .001 1/16 1/16	ENGINEER MARK CHAFFEY
Engineer		1. DIMENSIONS ARE IN INCHES.	(831) 775-1708
		2. DIMENSION LINES HELD AFTER PLATING.	CHN10@mbari.org
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.	PROJECT NO. 901107
		4. MACHINED FILLET RADIUS .015-.030.	PROJECT NAME SCPI
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE COINCIDING WITHIN .005.	WEIGHT
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .005 PER INCH. MAX .015 INCHES FOR SINGLE SURFACE.	SCALE
NEXT ASSY Description	NEXT ASSY Number	DO NOT SCALE DRAWING	CAD FILE:
APPLICATION			SHEET 1 OF 1

Monterey Bay Aquarium Research Institute

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Moss Landing, CA 95039
Ph: (831) 775-1700

9 Unit LED Light Assembly

10020890ASM-4

REV. A

