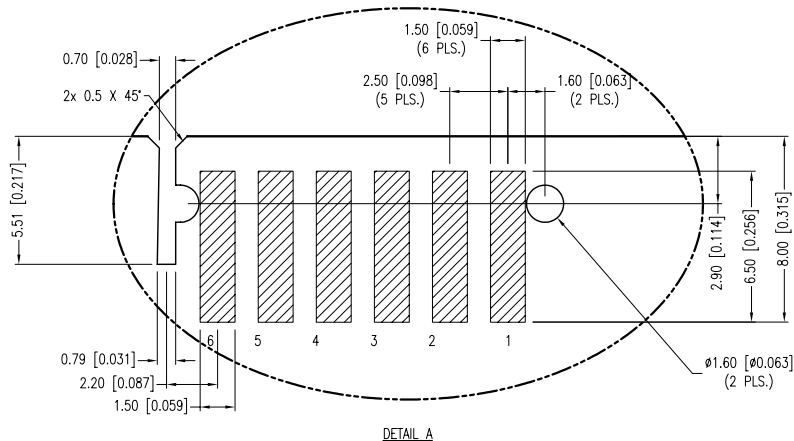
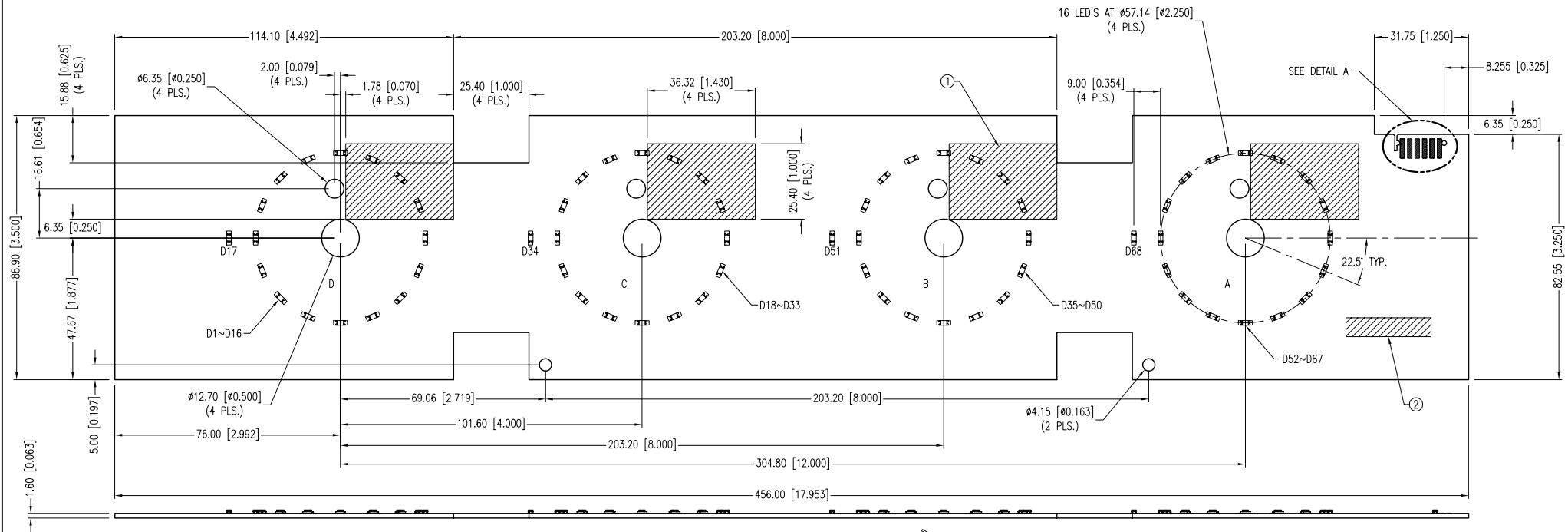
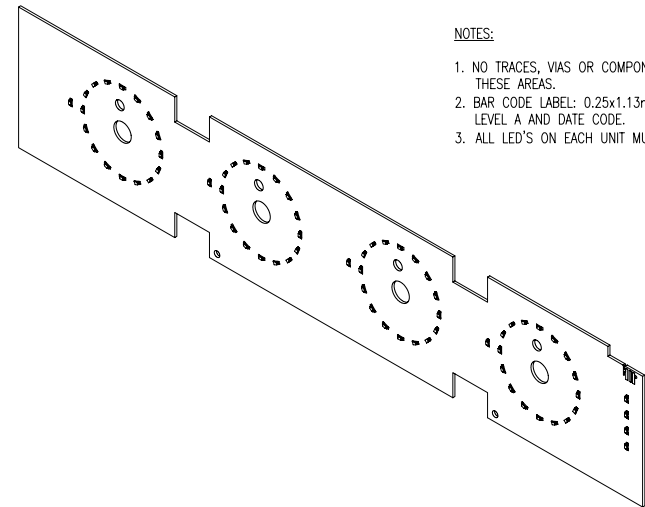




NOTES:

1. NO TRACES, VIAS OR COMPONENTS ON BACKSIDE OF PCB IN THESE AREAS.
2. BAR CODE LABEL: 0.25x1.13mm MIN. PART# 820348, REVISION LEVEL A AND DATE CODE.
3. ALL LED'S ON EACH UNIT MUST BE FROM SAME REEL OF LED'S.



UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION MAX.= +DECIMAL PRECISION -0.00



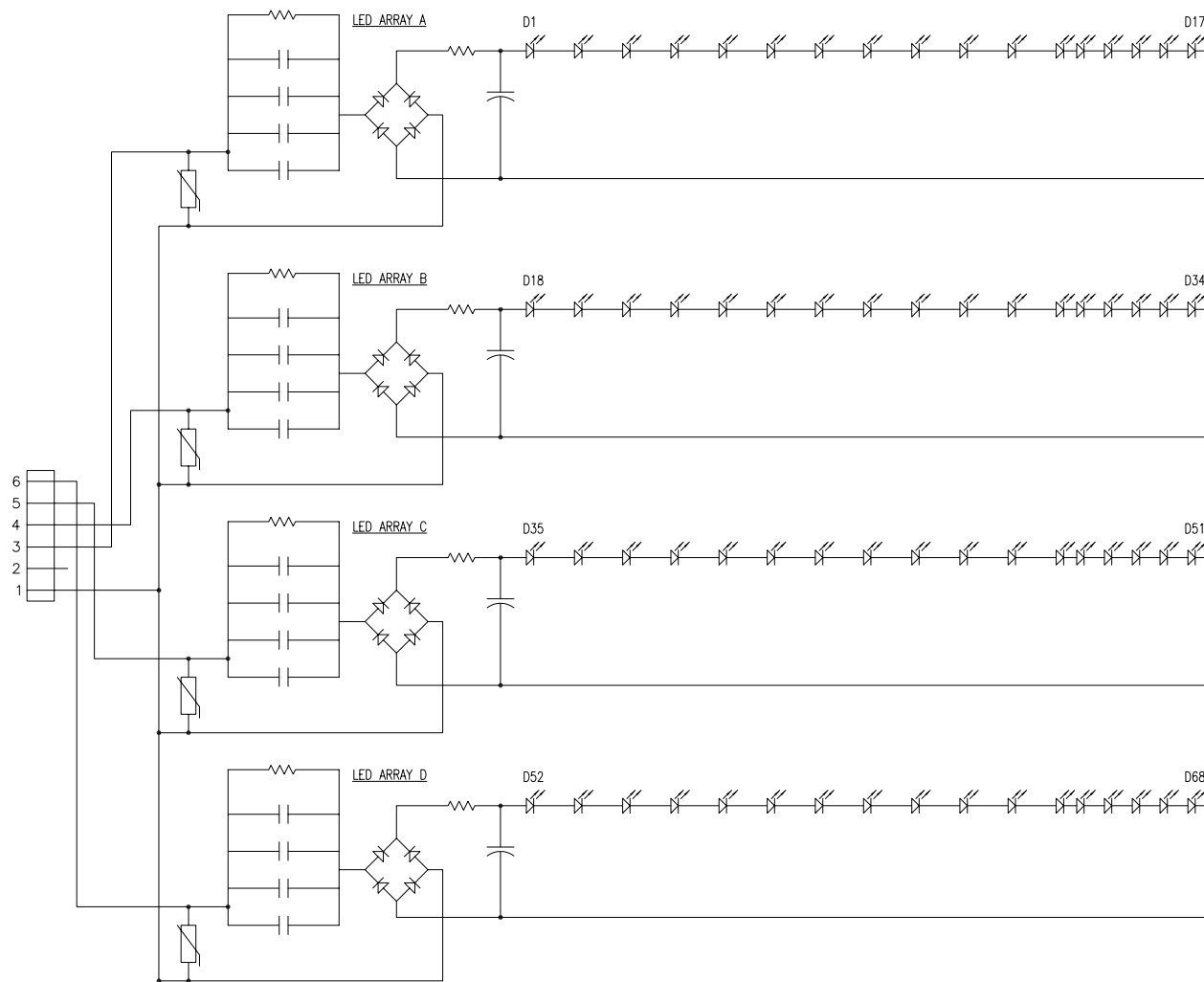
290 E. HELEN ROAD
PALATINE, IL 60067-6976
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FAX: +1.847.359.6538
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CUSTOM RING LIGHT ASSEMBLY, 4-UNIT, NEUTRAL WHITE LED, 110V AC INPUT.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	01.18.12	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ



ELECTRO-OPTICAL CHARACTERISTICS TA =25°C		If=20mA		PER LED	
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		550		nm	
FORWARD VOLTAGE		3.5	4.0	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
AXIAL INTENSITY*		90		mcd	If=20mA
COLOR				*K	If=20mA
TEMPERATURE	3500		5000		
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C		PER LED	
PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	80	mA	
STEADY CURRENT	30	mA	
POWER DISSIPATION	70	mW	
DERATE FROM 25°C	-1.2	mW/°C	
OPERATING TEMP.	-40 TO +85	°C	
STORAGE TEMP.	-40 TO +85	°C	

* t<10μS

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

PIN	1	2	3	4	5	6
COM1	COMMON CATHODE	NO CONNECT	ANODE A	ANODE B	ANODE C	ANODE D

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