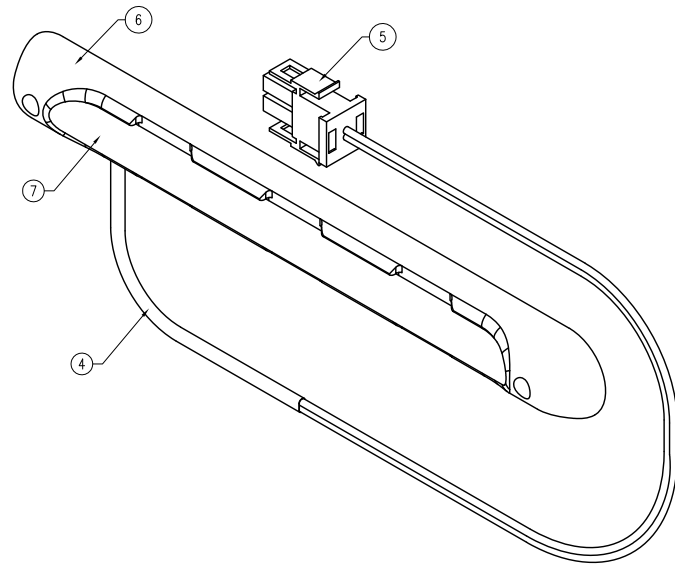


PART NUMBER	SSA-LX16417UWC230V	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.29.09	E.C.N. #11608.		A
05.04.10	E.C.N. #11636.		B
11.06.10	E.C.N. #10BRDR. & REDRAWN.		C
09.07.11	E.C.N. #11751/10BRDR & REDRAWN.		D
12.02.11	E.C.N. #11773.		E



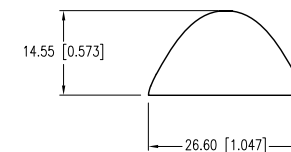
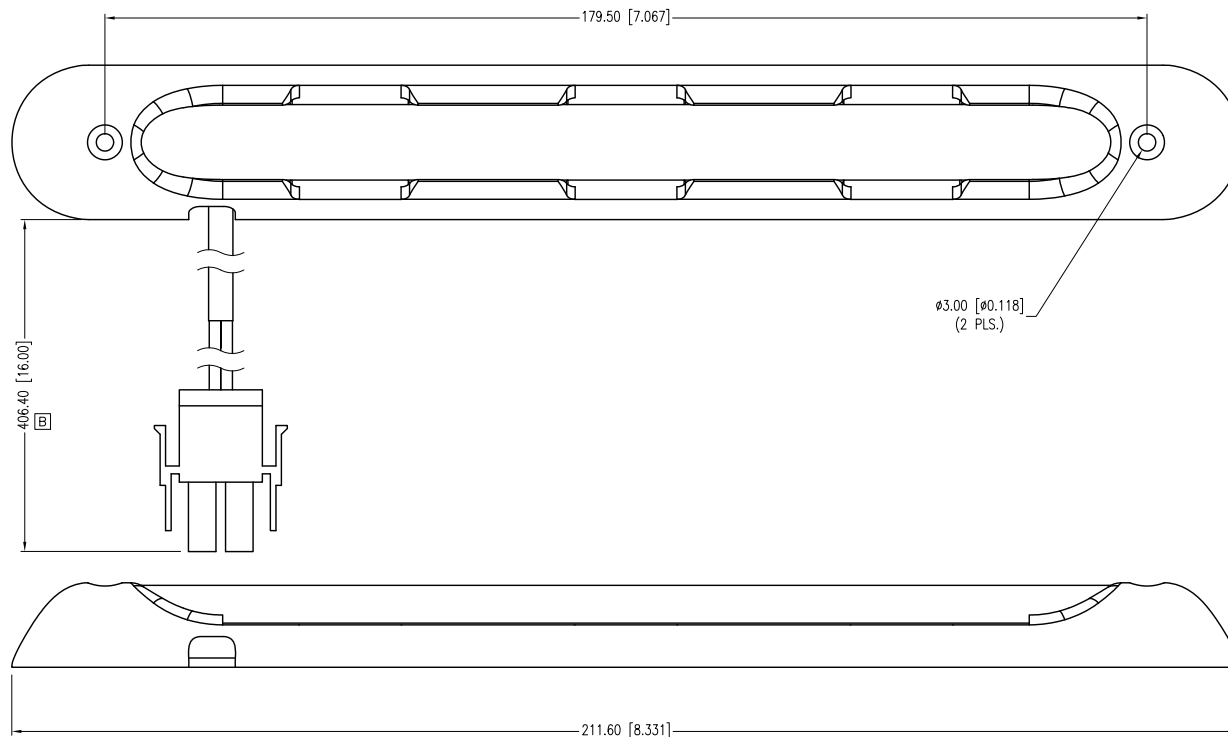
D ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PER LED							
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND	
OPERATING VOLTAGE	V _{OPT}		230		V _{rms}	I _{opt} =20mA(rms)	
LUMINOUS FLUX	lv		80		lm	I _{opt} =20mA(rms)	
COLOR TEMP.	CCT		6300		Vr	I _{opt} =20mA(rms)	
POWER DISSIPATION	P		1.7		W		
CRI	RA		70				
OPERATING FREQ.	Freq		50/60		Hz		
VIEWING ANGLE			110		2x theta		
EMITTED COLOR:	WHITE						
LENS FINISH:	WATER CLEAR						

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
OPERATING VOLTAGE	V_{OPT}	225/235	V_{rms}
POWER DISSIPATION	P_d	3.7	W
JUNCTION TEMP.	T_J	125	$^{\circ}\text{C}$
OPERATING TEMP.	T_{OPR}	-30 TO $+85$	$^{\circ}\text{C}$
STORAGE TEMP.	P_{STG}	-40 TO $+120$	$^{\circ}\text{C}$
ESD SENSITIVITY		$\pm 2000V$ HBM	$^{\circ}\text{C}$

NOTES:

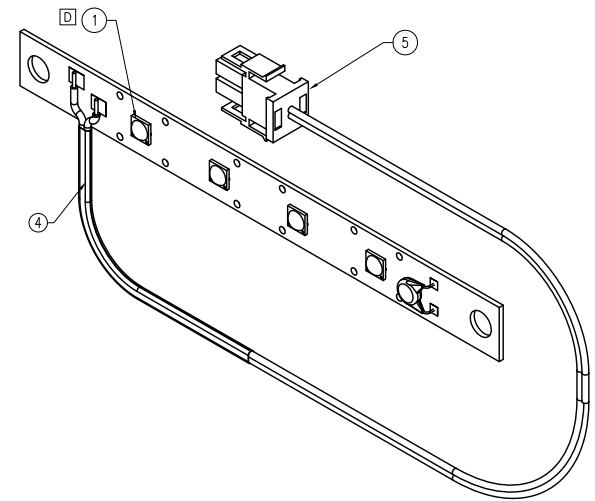
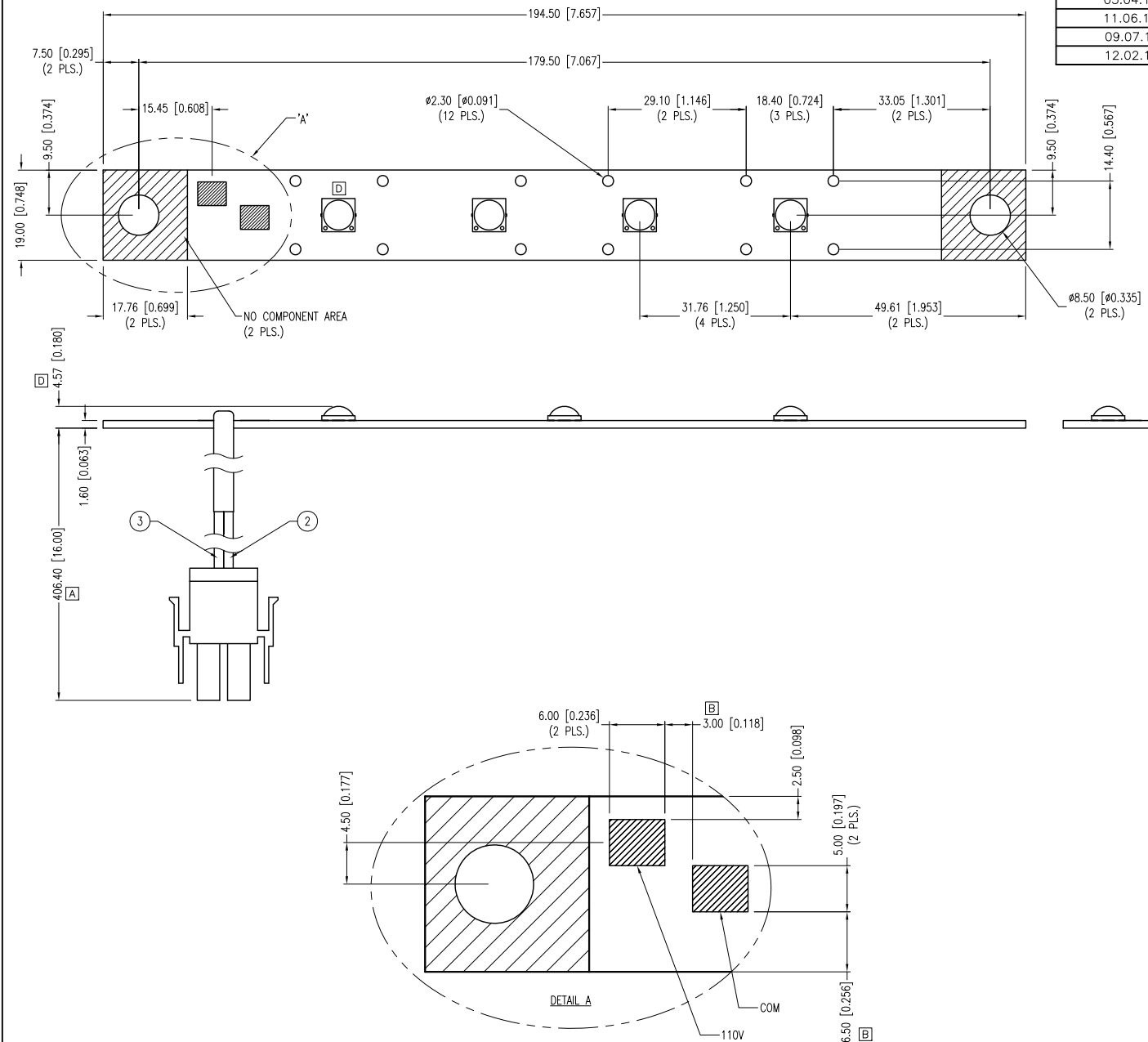
- SML-LXL25UWC112-1A. (4 PCS)
- 18 AWG WIRE, WHITE=COM.
- 18 AWG WIRE, RED=230V.
- HEAT SHRINK SLEEVING (4" LONG) TO BE APPLIED OVER TWO WIRES. GAP BETWEEN SLEEVING AND PCB BOARD SHOULD NOT EXCEED MORE THAN 0.125mm MAX.
- AMP CONNECTOR #1-480698-0
AMP TERMINAL # 350356-1, FEMALE TERMINAL.
- LXP-LX16417-COVER.
- LXP-LX16417-LENS.



*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= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX= $^{+0.00}_{-0.00}$ DECIMAL PRECISION

 425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP	WHITE LED HIGH FLUX BAR ARRAY, 8 WATTS, PURE WHITE.		DATE: 09.07.11	DRAWN BY: AB
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 2	CHKD BY: SS
	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE: NTS	APRVD BY: KF
			UNIT: mm [INCH]	Ⓟ

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