

BALLABS REPORT NO. : 20130.0 I
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 2-56 LED 22"ARRAYS 4'RECESSED PERIMETER CONTINUOUS PX
WHITE REFLECTOR w/FROSTED ACRYLIC LENS
ADVANCE #XI054C150V054BST1 @ 800mA
CATALOG NO.: PXF-44-03'08-L10/835-S-D-LCAP/RCAP-DIM-UNV
LED : HLM2256_5630 RevA #10560227

DATE: 12/06/17

IN-SITU TEMPERATURE MEASUREMENT

ELECTRICAL CHARACTERISTICS

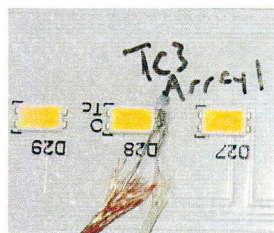
	VOLT	AMPS	WATTS	PF	THDv	THDi
INPUT LINE:	119.98	0.3141	37.506	.9949	.1523	8.4727
DRIVER LOAD:	39.800	0.8038	31.993	1.000		

TEMPERATURES:

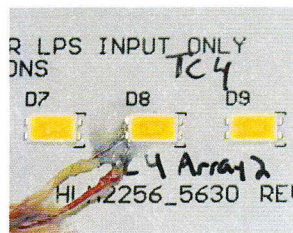
TC#	Location	TEMP _{ps}	(DEGREES C)
TC#1	ROOM AMBIENT		25.0
TC#2	LED DRIVER #1		46.0
TC#3	LED ARRAY #1 LED #D28		41.6
TC#4	LED ARRAY #2 LED #D4		41.4

Location of led array & driver thermocouples determined per LM80 data & manufacturer's specifications. All thermocouples attached per UL1598. Temperatures are offset to 25 deg C ambient as described in UL1598.
LM80 Test Reference: #SLED-16-014

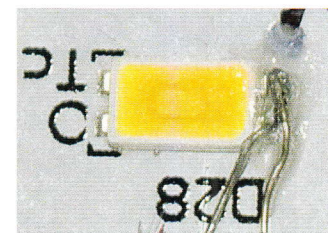
LED Thermocouple Locations



TC#3 LED D28



TC#4 LED D8



LED (Typical)
TC Mnted Per
Manuf LM80 Data



Driver TMP_{ps}



NVLAP LAB Code 20921-0

THIS BALLABS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY THIS CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL GOVERNMENT.

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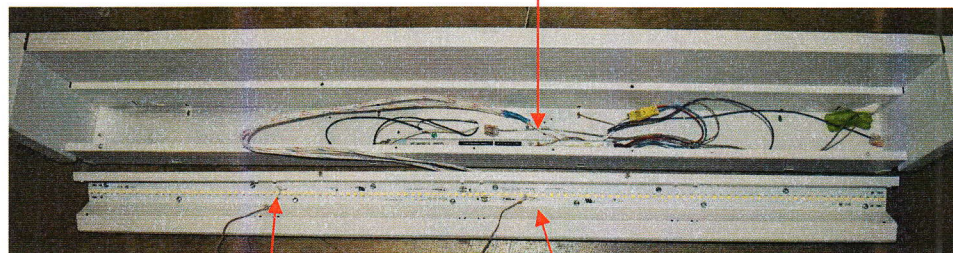
IN-SITU TEMPERATURE MEASUREMENT

Additional Photographs:

LED Thermocouple Locations

View with Lens removed and Main Reflector & Extension Reflector moved to show
Driver mounting

View of Driver mounted on Back of Housing
Driver TMP_{ps} On Edge of Driver at Side of Housing



LED #D28

LED #D8

View with Lens

