

BALLABS REPORT NO. : 20624.0 I
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-56 LED ARRAYS 4' SURFACE MNT LUMINAIRE w/WHITE REFL
WHITE FROST INTERIOR LENS w/CLEAR POLYCARB LENS
2 EVERLINE #D15CC55UNVPW-C @ 950mA
CATALOG NO.: AVX-4-L100/835-CPC-DIM-UNV
LED : HLM2256_5630 REV B 105650222

DATE: 10/17/18

LM80 Test Reference: SLED-14-004

IN-SITU TEMPERATURE MEASUREMENT

Tested in Accordance with Standard UL1598-2008

ELECTRICAL CHARACTERISTICS

	VOLT	AMPS	WATTS	PF	THD _v	THD _i
INPUT LINE:	119.99	0.7423	88.791	.9967	.1531	4.4075
DRIVER LOAD:	40.537	0.9550	38.715	1.000		

TEMPERATURES:

(DEGREES C)

TC#1	ROOM AMBIENT					25.0
TC#2	LED DRIVER #1	TMP _{ps}	Measured 3.25"From Input End			43.8
TC#3	LED DRIVER #2	TMP _{ps}	Measured 3.25"From Input End			47.4
TC#4	LED ARRAY #1	LED#19				42.7
TC#5	LED ARRAY #3	LED#28				44.1
TC#6	LED ARRAY #4	LED#36				37.6

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.

Pictures/images on next page.



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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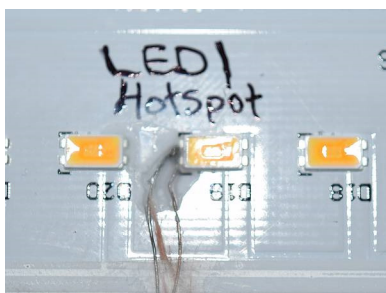
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IN-SITU TEMPERATURE MEASUREMENT

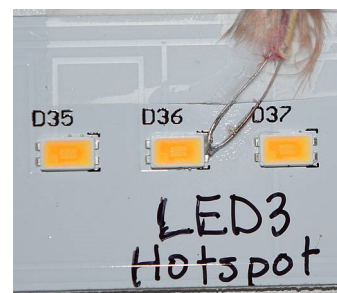
LED Thermocouple Locations Photographs



TC#4 LED Array #1



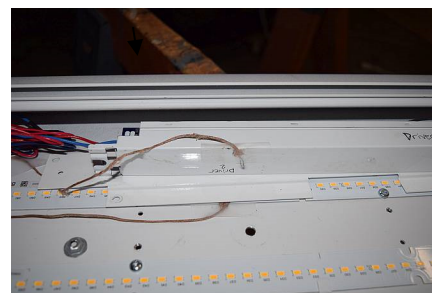
TC#5 LED Array #3



TC#6 LED Array #4



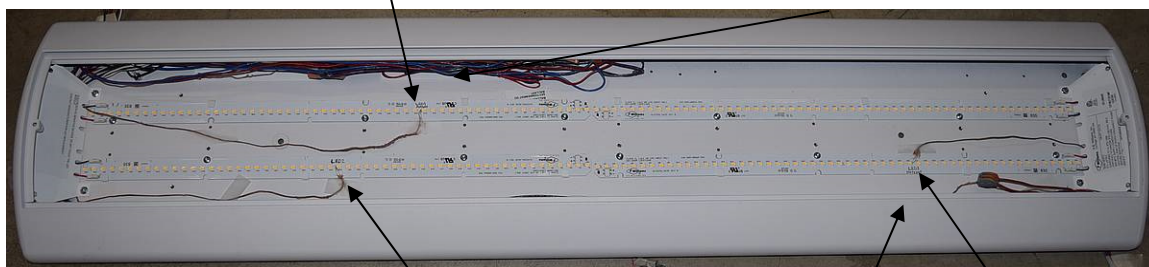
Driver #1 TMP_{ps} -Bottom of Driver



Driver #2 TMP_{ps} -Bottom of Driver

TC#3 Array1 LED #19

Driver #1 TMP_{ps} -Bottom of Driver



TC#4 Array3 LED #20

TC#5 Array4 LED #36

Driver #2 TMP_{ps} -Bottom of Driver