

BALLABS REPORT NO. : 20931.0 I
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 2-28LED 22"ARRAY 2x4'LT LED TROFFER LUMINAIRE
WHITE REFL & BLACK SIDE VENTS w/5.375"FROST CENTER LENS
ADVANCE #CI031C068V045CNN2 @ 680mA
CATALOG NO.: LT-AR24-L40/835-AF-DIM-UNV
LED : 10560222 HLM2256_5630 REV B
LM80 Test Ref: SAMSUNG #SLED-17-014-R01

DATE: 08/23/19

IN-SITU TEMPERATURE MEASUREMENT

Tested in Accordance with Standard UL1598-2008

ELECTRICAL CHARACTERISTICS

	VOLT	AMPS	WATTS	PF	THDv	THDi
INPUT LINE:	119.97	.2708	32.370	.9960	.1602	8.7555
DRIVER 1 LOAD:	41.502	.6869	28.436	1.000		

TEMPERATURES:

(DEGREES C)

TC#1	ROOM AMBIENT	25.0
TC#2	LED DRIVER #1 TMP _{ps}	48.7
TC#3	LED1 ARRAY #1 LED#D18 Closest to Driver Hotspot	42.9
TC#4	LED2 ARRAY #1 LED#D14	44.6
TC#5	LED3 ARRAY #2 LED#D28	44.6

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.



NVLAP LAB Code 20921-0

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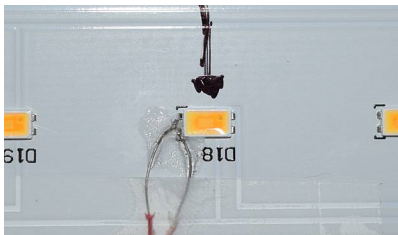
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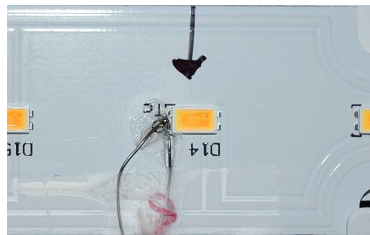
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IN-SITU TEMPERATURE MEASUREMENT

LED Thermocouple Locations Photographs



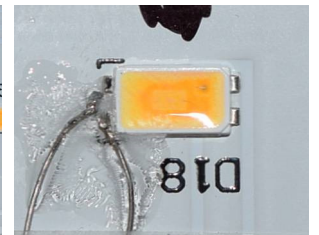
TC#3



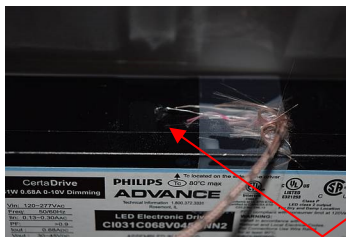
TC#4



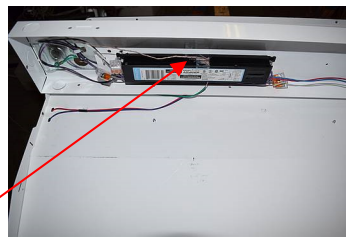
TC#5



Typical LED Tc Loc

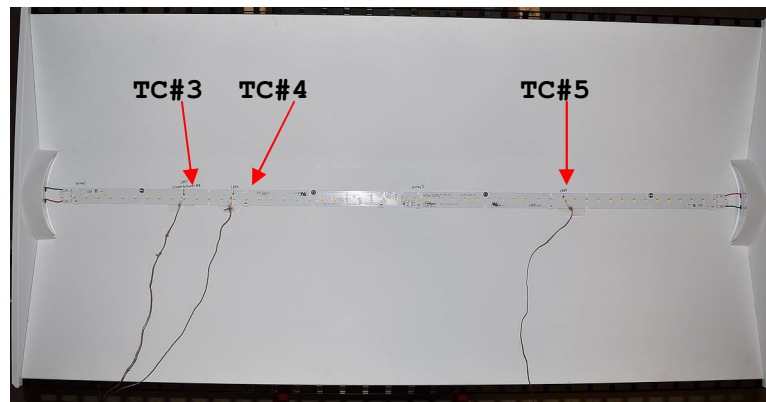


Driver TMP_{ps}
On Side of Driver



Driver Compartment is on Back of Reflector

Bottom Views
TC Locations



Bottom View
Lens

