

BALLABS REPORT NO. : 20806.0 I
DATE: 05/07/19
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-56 LED 22"ARRAYS 1x4' SURFACE MNT LUMINAIRE w/WHITE REFL
.083"TEXTURE ACRYLIC INNER LENS & RIBBED ACRYLIC OUTER LENS
EVERLINE #D21CC80UNVPW-C @ 1900mA
CATALOG NO.: AVX-4-L100/840-CPC-DIM-UNV
LED : HLM2256_5630 REV B #10560223
LM80 Test Ref: SAMSUNG #SLED-17-014-R01

IN-SITU TEMPERATURE MEASUREMENT

Tested in Accordance with Standard UL1598-2008

ELECTRICAL CHARACTERISTICS

	VOLT	AMPS	WATTS	PF	THD _v	THD _i
INPUT LINE:	119.98	.7385	88.431	.9981	.1474	5.3951
DRIVER 1 LOAD:	40.508	1.8992	76.935	1.000		

TEMPERATURES:

(DEGREES C)

TC#1	ROOM AMBIENT	25.0
TC#2	LED DRIVER #1 TMP _{ps}	58.2
TC#3	LED1 ARRAY #1 LED#D28	49.7
TC#4	LED2 ARRAY #1 LED#D20	46.8
TC#5	LED3 ARRAY #2 LED#D28	43.3
TC#6	LED4 ARRAY #3 LED#D28	46.4
TC#7	LED5 ARRAY #4 LED#D28	41.7

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

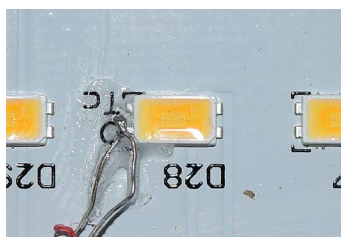
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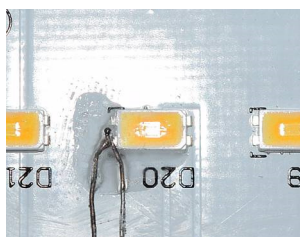
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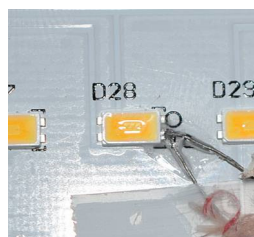
LED Thermocouple Locations Photographs



TC#3



TC#4

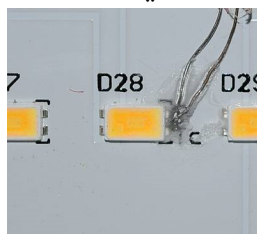


TC#5

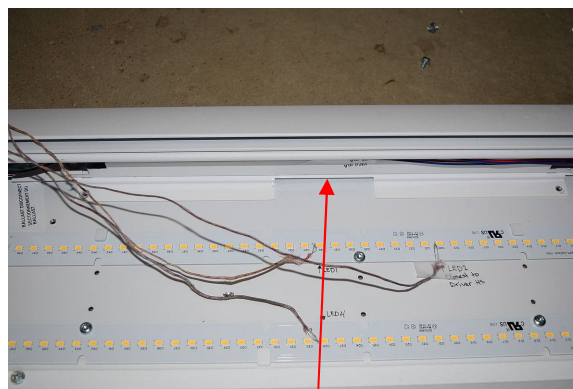
Typical LED Tc Loc



TC#6



TC#7

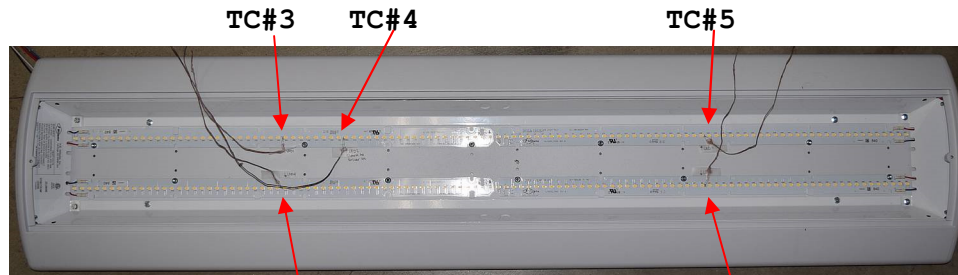


Driver

Driver Compartment-Mnted behind Side of Refl



Driver TMP_{ps}
On Face of Driver



TC#3 TC#4

TC#5

TC#6

TC#7

Btm View - TC Locations