

BALLABS REPORT NO. : 18321.0 I
 PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
 DESCRIPTION: 4-72 LED 22"BOARDS 2x4' SUSPENDED LUMINAIRE
 WHITE REFLECTOR w/WRAP AROUND SQUARE PATTERN 12 LENS
 EVERLINE LED DRIVER #D23CC90UNVT-F
 CATALOG NO.: 18-4-LED*UT90/840-S-A-ED*UT-UNV
 LED : M700C840D72N2S

DATE: 08/13/14

IN-SITU TEMPERATURE MEASUREMENT

ELECTRICAL CHARACTERISTICS

	VOLT	AMPS	WATTS	PF	THDv	THDi	Max LED Current:
Line @ 277.0	277.0	0.3054	81.539	.9634	.1719	11.924	2.053 A

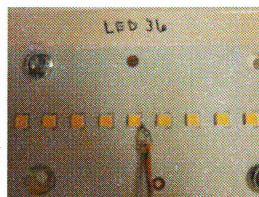
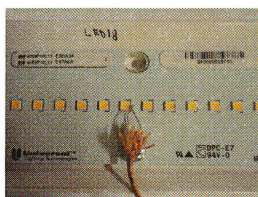
TEMPERATURES:

(DEGREES C)

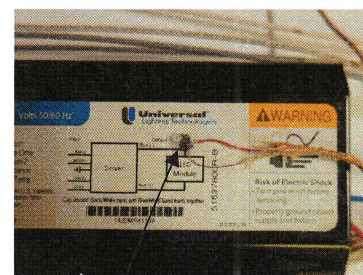
TC#1	ROOM AMBIENT	25.0
TC#2	LED DRIVER #1 TC LOCATION PER MANUFACTURER	57.7
TC#3	LED ARRAY #2 - LED #18	56.3
TC#4	LED ARRAY #2 - LED #36	56.9
TC#5	LED ARRAY #2 - LED #54	55.5

Location of led array & driver thermocouples determined per manufacturer's specifications. All thermocouples attached per UL1598.

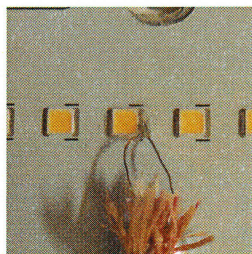
Temperatures are offset to 25 deg C ambient as described in UL1598.



LED Thermocouple Location



Driver Thermocouple Location



LED (Typical)-Thermocouples mounted
 Per manufacturer LM80 data

NVLAP[®]

NVLAP LAB Code 20921-0

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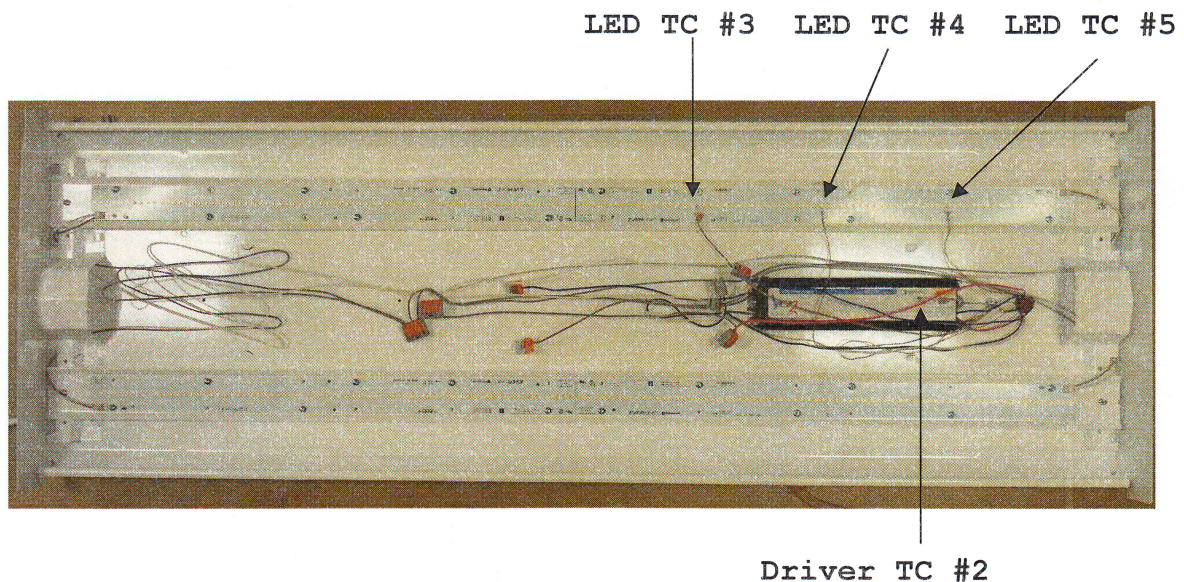
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IN-SITU TEMPERATURE MEASUREMENT

Additional Photographs:

LED Thermocouple Locations



Bottom View of Luminaire with Lens in Place