

BALLABS REPORT NO. : 20935.0 I
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 2-28LED 22"ARRAY 1x4' RETROFIT KIT w/WHITE REFL & RIBBED
FROST CENTER LENS - LITHONIA 2GT8232A12MVOLT TEST HOUSING
ADVANCE #XI020C056V054BST2 @ 380mA
CATALOG NO.: PTR-14-L27/835-RA-(L23)-DIM-PH-UNV
LED : 10560202 HLM2228_5630 REV B
LM80 Test Ref: SAMSUNG #SLED-17-014-R01

DATE: 08/24/19

IN-SITU TEMPERATURE MEASUREMENT

Tested in Accordance with Standard UL1598-2008

ELECTRICAL CHARACTERISTICS

| | VOLT | AMPS | WATTS | PF | THDv | THDi |
|----------------|--------|-------|--------|-------|-------|--------|
| INPUT LINE: | 120.03 | .1559 | 18.559 | .9915 | .2270 | 8.6048 |
| DRIVER 1 LOAD: | 39.425 | .3819 | 15.060 | 1.000 | | |

TEMPERATURES:

(DEGREES C)

| | | |
|------|---|------|
| TC#1 | ROOM AMBIENT | 25.0 |
| TC#2 | LED DRIVER #1 TMP _{ps} | 41.9 |
| TC#3 | LED1 ARRAY #1 LED#D19 Closest to Driver Hotspot | 36.3 |
| TC#4 | LED2 ARRAY #1 LED#D14 | 34.2 |
| TC#5 | LED2 ARRAY #1 LED#D14 | 31.4 |

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.



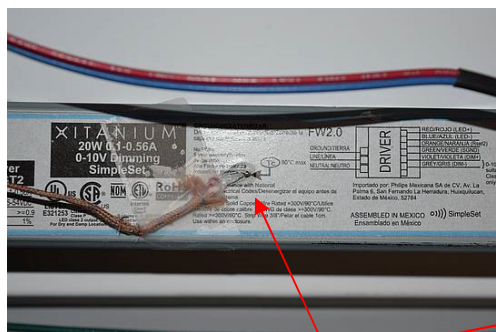
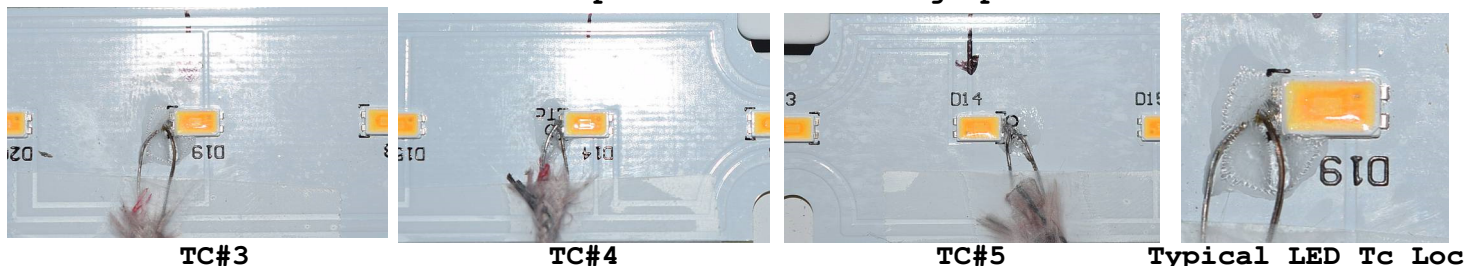
NVLAP LAB Code 20921-0

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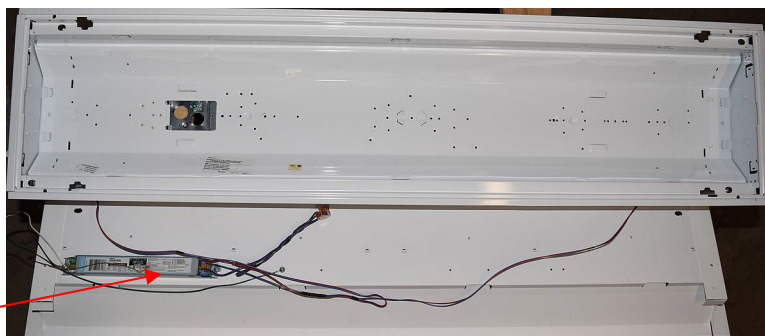
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IN-SITU TEMPERATURE MEASUREMENT

LED Thermocouple Locations Photographs



Driver TMP_{ps}
 On Top of Driver



Driver Compartment mnted to Bottom of Reflector

Bottom View
 TC Locations



Bottom View
 Lens

