

BALLABS REPORT NO. : 20934.0 I
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 1-56LED 22"ARRAY 2x2' RETROFIT KIT w/WHITE REFL & RIBBED
FROST CENTER LENS - LITHONIA 2GT82U316A12MVOLT TEST HOUSING
ADVANCE #XI020C056V054BST2 @ 320mA
CATALOG NO.: PTR-22-L26/835-RA-(19)-DIM-PH-UNV
LED : 10560222 HLM2256_5630 REV B

DATE: 08/22/19

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	THDv	THDi
INPUT LINE:	120.07	.1344	16.000	.9917	.1627	10.098
DRIVER 1 LOAD:	39.3221	.3221	12.687	1.000		

TEMPERATURES:

(DEGREES C)

TC#1	ROOM AMBIENT	25.0
TC#2	LED DRIVER #1 TMP _{ps}	42.3
TC#3	LED1 ARRAY #1 LED#D24 Closest to Driver Hotspot	37.7
TC#4	LED2 ARRAY #1 LED#D28	36.7

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

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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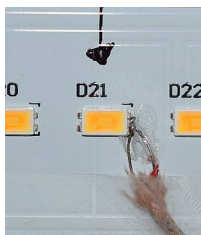
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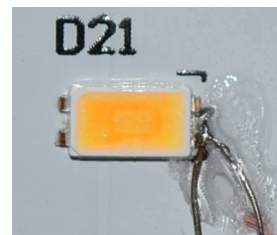
LED Thermocouple Locations Photographs



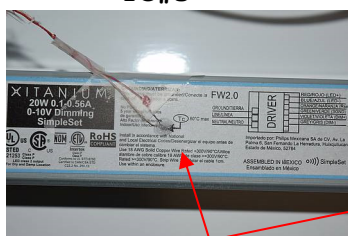
TC#3



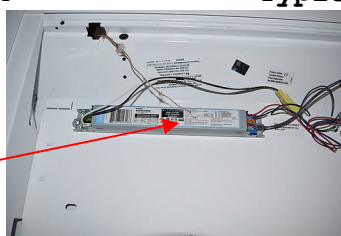
TC#4



Typical LED Tc Loc



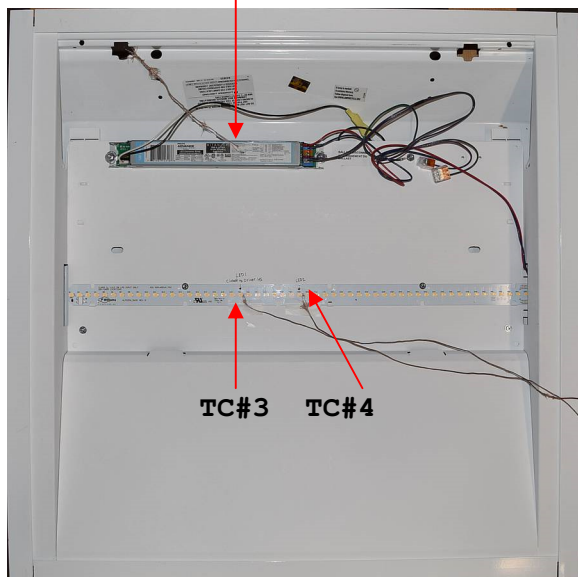
Driver TMP_{ps}
On Side of Driver



Driver Compartment under Side Reflector
Side Refl removed to show Driver Location

Bottom Views

TC Locations



Lens

