

BALLABS REPORT NO. : 20932.0 I  
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO  
DESCRIPTION: 1-56LED 22"ARRAY 2x2'LT LED TROFFER LUMINAIRE  
WHITE REFL & BLACK SIDE VENTS w/5.375"FROST CENTER LENS  
ADVANCE #CI024C045V052CNN1 @ 460mA  
CATALOG NO.: LT-AR22-L27/835-AF-DIM-UNV  
LED : 10560222 HLM2256\_5630 REV B  
LM80 Test Ref: SAMSUNG #SLED-17-014-R01

DATE: 08/26/19

## IN-SITU TEMPERATURE MEASUREMENT

Tested in Accordance with Standard UL1598-2008

### ELECTRICAL CHARACTERISTICS

	VOLT	AMPS	WATTS	PF	THD <sub>v</sub>	THD <sub>i</sub>
INPUT LINE:	120.05	.1800	21.309	.9859	.1618	10.019
DRIVER 1 LOAD:	40.412	.4608	18.525	1.000		

### TEMPERATURES:

(DEGREES C)

TC#1	ROOM AMBIENT	25.0
TC#2	LED DRIVER #1 TMP <sub>ps</sub>	37.6
TC#3	LED1 ARRAY #1 LED#D24 Closest to Driver Hotspot	44.7
TC#4	LED2 ARRAY #1 LED#D28	46.0

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**<sup>®</sup>  
NVLAP LAB Code 20921-0

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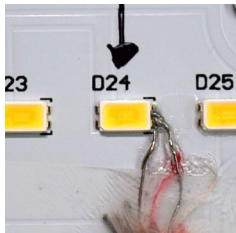
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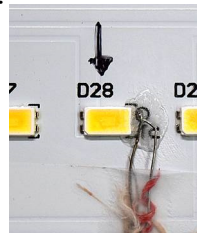
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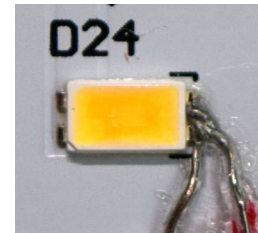
### LED Thermocouple Locations Photographs



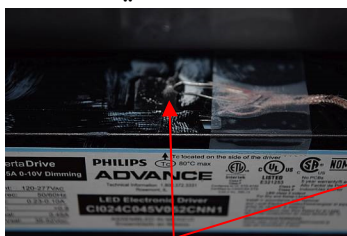
TC#3



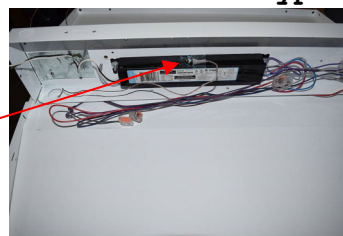
TC#4



Typical LED Tc Loc



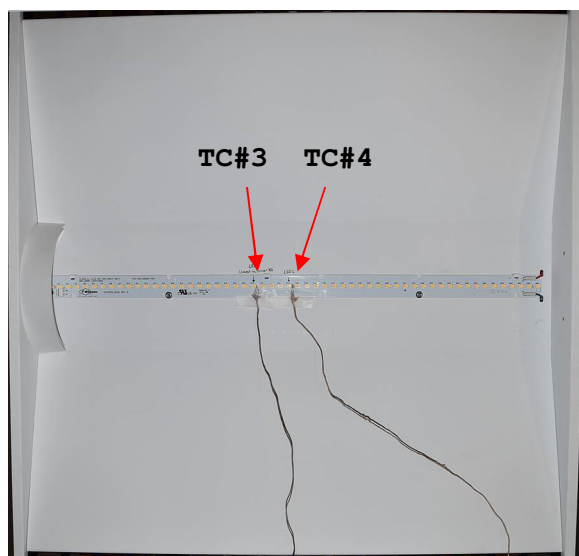
Driver TMP<sub>ps</sub>  
On Side of Driver



Driver Compartment  
is on Back of Reflector

### Bottom Views

#### TC Locations



#### Lens

