

BALLABS REPORT NO. : 18645.0 I  
DATE: 04/09/15  
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO  
DESCRIPTION: 8-28 LED 11"ARRAYS 26"DIA SURFACE LUMINAIRE w/WHITE REFL  
WHITE FROST ACRYLIC 26"DIA CONVEX LENS & INTERNAL ACRYLIC  
LIGHT SEAL RING EVERLINE #D700C30UNVTZ-C @ 672mA  
CATALOG NO.: RND-2-L25/835-FXA-DIM-UNV  
LED : M525C835D28N11S

## IN-SITU TEMPERATURE MEASUREMENT

### ELECTRICAL CHARACTERISTICS

	VOLT	AMPS	WATTS	PF	THDv	THDi	Max LED Current:
Line @ 120.0	120.0	0.2593	31.015	.9970	.1447	5.9014	0.6716 A

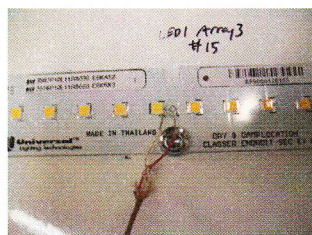
### TEMPERATURES:

(DEGREES C)

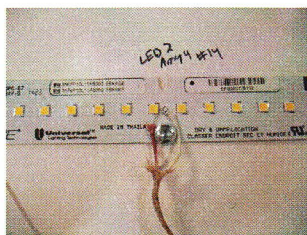
TC#1	ROOM AMBIENT	25.0
TC#2	LED DRIVER TC LOCATION PER MANUFACTURER	43.7
TC#3	LED ARRAY #3 LED #15	37.9
TC#4	LED ARRAY #4 LED #14	38.4
TC#5	LED ARRAY #6 LED #13	39.5

Location of led array & driver thermocouples determined per fixture manufacturer's specifications. All thermocouples attached per UL1598. Temperatures are offset to 25 deg C ambient as described in UL1598.

### LED Thermocouple Locations



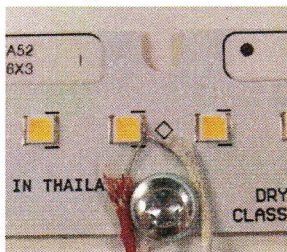
TC#3  
Array1 LED8



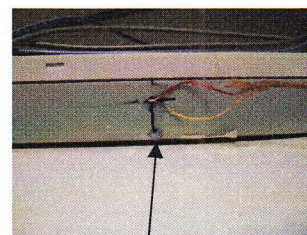
TC#4  
Array2 LED17



TC#5  
Array3 LED17



LED (Typical)-Thermocouples mounted  
Per manufacturer LM80 Data



Driver Thermocouple Location

**NVLAP**<sup>®</sup>

NVLAP LAB Code 20921-0



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Additional Photographs:

LED Thermocouple Locations

Bottom View of Fixture-visual of thermocouple placement

