

BALLABS REPORT NO. : 18644.0 I
 PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
 DESCRIPTION: 18-28 LED 11"ARRAYS 3'DIA SURFACE LUMINAIRE w/WHITE REFL
 WHITE FROSTED ACRYLIC 3'DIA CONVEX LENS & INTERNAL ACRYLIC
 LIGHT SEAL RING 2 EVERLINE #D23CC90UNVT-F
 CATALOG NO.: RND-3-L67/835-FXA-DIM-UNV
 LED : M525C835D28N11S

DATE: 04/02/15

IN-SITU TEMPERATURE MEASUREMENT

ELECTRICAL CHARACTERISTICS

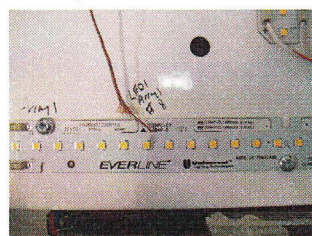
	VOLT	AMPS	WATTS	PF	THDv	THDi	Max LED Current:
Line @ 120.0	0.6404	76.228	.9917	.1608	8.6095	1.5773 A	

TEMPERATURES:

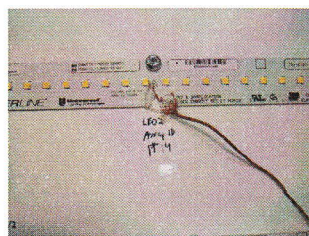
	(DEGREES C)
TC#1 ROOM AMBIENT	25.0
TC#2 LED DRIVER TC LOCATION PER MANUFACTURER	47.2
TC#3 LED ARRAY #1 LED #8	42.1
TC#4 LED ARRAY #10 LED #14	37.0
TC#5 LED ARRAY #11 LED #14	39.4

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.

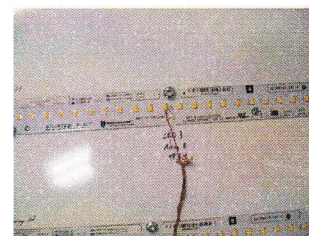
LED Thermocouple Locations



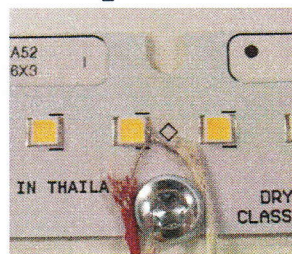
TC#3
Array1 LED8



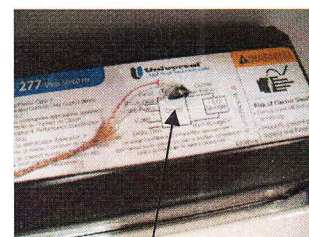
TC#4
Array10 LED14



TC#5
Array11 LED14



LED (Typical)-Thermocouples mounted
Per manufacturer LM80 Data



Driver Thermocouple Location

NVLAP®

NVLAP LAB Code 20921-0

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Additional Photographs:

LED Thermocouple Locations

Bottom View of Fixture-visual of thermocouple placement

