

BALLABS REPORT NO. : 18641.0 I
 PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
 DESCRIPTION: 3-32LED 22"ARRAYS 2x2' RECESSED LUMINAIRE w/WHITE REFL
 ARRAYS ON WHITE INTERNAL REFLS & 2'DIA WHITE FROST ACRYLIC
 CONVEX LENS EVERLINE #D10CC55UNVT-C @ 873mA
 CATALOG NO.: RND-2-L22/835-FXA-DIM-UNV
 LED : M10CC835D32N2S

DATE: 04/14/15

IN-SITU TEMPERATURE MEASUREMENT

ELECTRICAL CHARACTERISTICS

	VOLT	AMPS	WATTS	PF	THDv	THDi	Max LED Current:
Line @ 120.0	120.0	0.3162	37.872	.9975	.1433	5.6866	0.8804 A

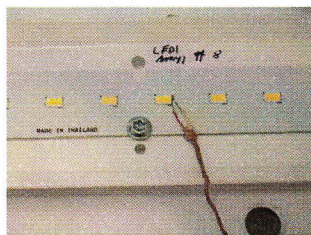
TEMPERATURES:

(DEGREES C)

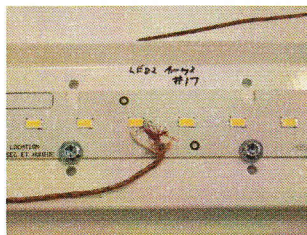
TC#1	ROOM AMBIENT	25.0
TC#2	LED DRIVER TC LOCATION PER MANUFACTURER	37.8
TC#3	LED ARRAY #1 LED #8	44.3
TC#4	LED ARRAY #2 LED #17	41.9
TC#5	LED ARRAY #3 LED #17	42.9

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.

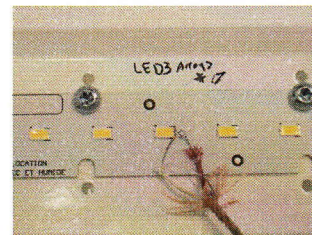
LED Thermocouple Locations



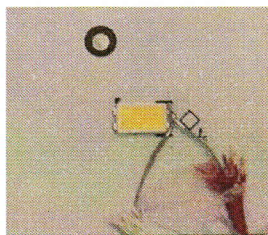
TC#3
Array1 LED8



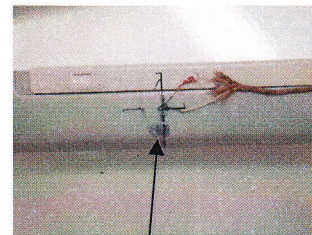
TC#4
Array2 LED17



TC#5
Array3 LED17



LED (Typical)-Thermocouples mounted
Per manufacturer LM80 Data



Driver Thermocouple Location

NVLAP®

NVLAP LAB Code 20921-0

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Additional Photographs:

LED Thermocouple Locations

Bottom View of Fixture-visual of thermocouple placement

