

BALLABS REPORT NO. : 19276.0 I
DATE: 03/10/16
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 2-72LED 22"ARRAYS 8' STRIP SURFACE LUMINAIRE RETROFIT KIT
WHITE FLAT REFLECTOR w/OPEN BOTTOM
EVERLINE DRIVER #D21CC80UNVTZ-D @ 2100mA
CATALOG NO.: SRK-8-L113/840-DRV-UNV
LED : M700C840D72N2A

IN-SITU TEMPERATURE MEASUREMENT

ELECTRICAL CHARACTERISTICS

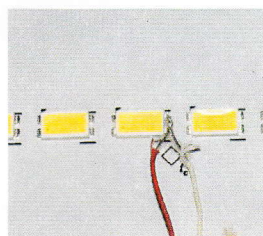
	VOLT	AMPS	WATTS	PF	THDv	THDi	Max LED Current:
LINE:	120.0	0.7223	86.629	.9985	.1378	4.9089	LOAD: 2.0842 A

TEMPERATURES:

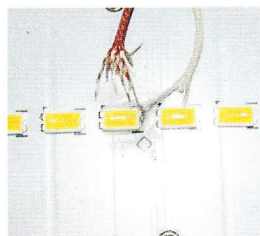
	(DEGREES C)
TC#1 ROOM AMBIENT	25.0
TC#2 LED DRIVER #1 TC LOC PER MANUF	55.6
TC#3 LED ARRAY #1 LED #36	41.1
TC#4 LED ARRAY #2 LED #36	40.1
TC#5 LED ARRAY #3 LED #16	47.9
TC#6 LED ARRAY #4 LED #36	40.9

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.

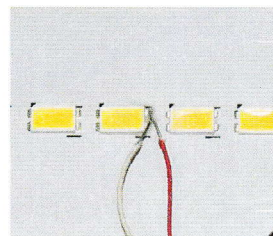
LED Thermocouple Locations



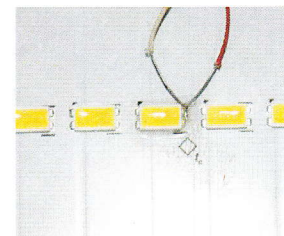
TC#3
Array1 LED36



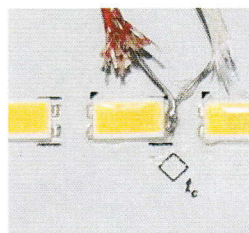
TC#4
Array2 LED36



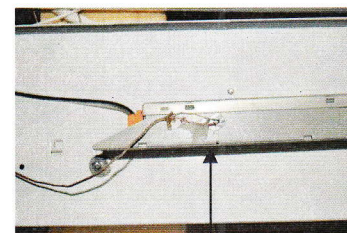
TC #5
Array3 LED16



TC #6
Array4 LED36



LED (Typical)-TC mnted
Per manuf LM80 Data



Driver TC Loc



NVLAP LAB Code 20921-0

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IN-SITU TEMPERATURE MEASUREMENT

Additional Photographs:

LED Thermocouple Locations

Bottom View of Fixture for Visual of TC Placement

