

BALLABS REPORT NO. : 20128.0 I

DATE: 12/07/17

PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO

DESCRIPTION: 2-56LED 22" & 1-28LED 11"ARRAYS 4' PERIMETER CONTINUOUS PX
WHITE REFL w/1"EXTENSION & FROSTED ACRYLIC LENS

ADVANCE #XI040C110V054BST1 @1000mA

CATALOG NO.: PXF-42-03'09-L10/840-W-LCAP/RCAP-DIM-UNV

LED : HLM2256_5630 RevA #10560228 & HLM1128_5630 RevA #10560268

IN-SITU TEMPERATURE MEASUREMENT

ELECTRICAL CHARACTERISTICS

	VOLT	AMPS	WATTS	PF	THD _v	THD _i
INPUT LINE:	120.03	0.4008	47.953	.9967	.1564	5.1236
DRIVER LOAD:	40.884	1.0065	41.150	1.000		

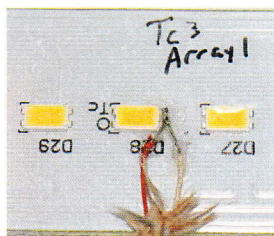
TEMPERATURES:

	(DEGREES C)
TC#1 ROOM AMBIENT	25.0
TC#2 LED DRIVER #1 TMP _{ps}	48.0
TC#3 LED ARRAY #1 LED #D28	41.3
TC#4 LED ARRAY #2 LED #D4	45.5
TC#5 LED ARRAY #2 LED #D42	54.5
TC#6 LED ARRAY #3 LED #D14	57.0

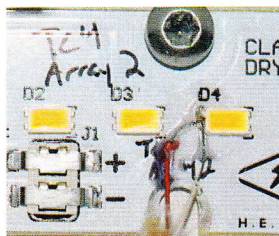
Location of led array & driver thermocouples determined per LM80 data & manufacturer's specifications. All thermocouples attached per UL1598. Temperatures are offset to 25 deg C ambient as described in UL1598.

LM80 Test Reference: #SLED-16-014

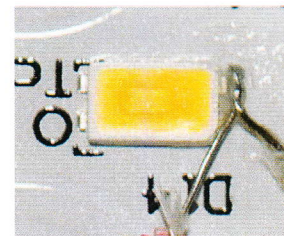
LED Thermocouple Locations



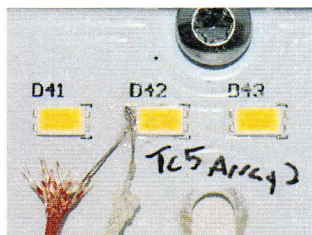
TC#3 LED D28



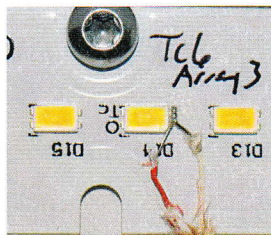
TC#4 LED D4



LED (Typical)
TC Mnted Per
Manuf LM80 Data



TC#5 LED D42



TC#6 LED D14



Driver TMP_{ps}



NVLAP LAB Code 20921-0

THIS BALLABS REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY THIS CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL GOVERNMENT.

BALLABS REPORT NO. : 20128.0 I

DATE: 12/07/17

PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO

DESCRIPTION: 2-56LED 22" & 1-28LED 11"ARRAYS 4' PERIMETER CONTINUOUS PX
WHITE REFL w/1"EXTENSION & FROSTED ACRYLIC LENS

ADVANCE #XI040C110V054BST1 @1000mA

CATALOG NO.: PXF-42-03'09-L10/840-W-LCAP/RCAP-DIM-UNV

LED : HLM2256_5630 RevA #10560228 & HLM1128_5630 RevA #10560268

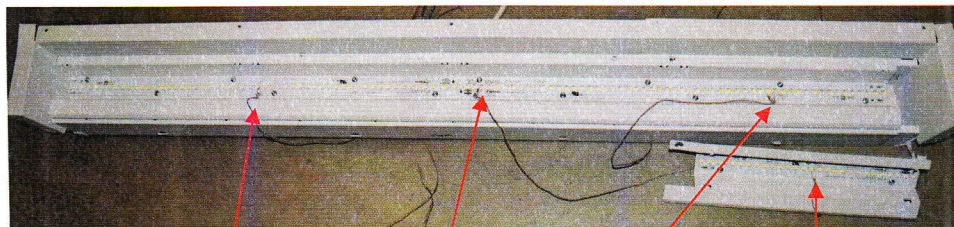
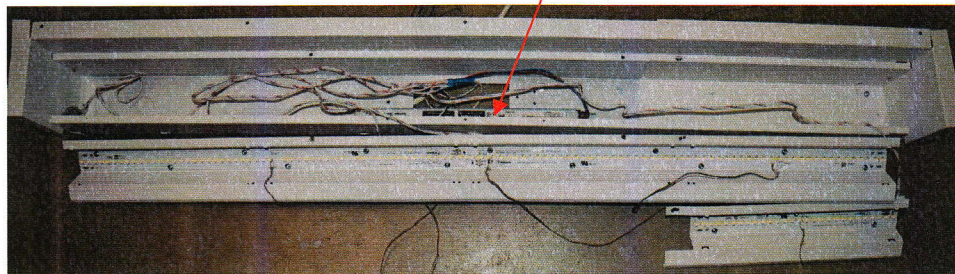
IN-SITU TEMPERATURE MEASUREMENT

Additional Photographs:

LED Thermocouple Locations

View with Lens removed and Main Reflector & Extension Reflector moved to show
Driver mounting

View of Driver mounted on Back of Housing
Driver TMP_{ps} On Edge of Driver at Side of Housing



LED #D28

LED #D4

LED #D42

LED #D14

View with Lens

