BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.
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FENTON, MO 63026
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SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

BALLABS REPORT NO. : 20797.0 I DATE: 05/02/19
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
ESCRIPTION: 2-192 LED 22"ARRAYS EACH ON ALUM HEATSINK 24x14"HIGHBAY LUMINAIRE w/CLEAR ACRYLIC LENSES OVER LEDS & CENTER DRIVER HOUSING 2-ADVANCE #XI095C275V054BSF1 @ 1550mA
CATALOG NO.: GP2-L150/840-W-CL-DIM-UNV
LED : MADE #10560120

LM80 Test Ref: SEOUL SEMICONDUCTOR # I-150529-25-K-04

IN-SITU TEMPERATURE MEASUREMENT

Tested in Accordance with Standard UL1598-2008

ELECTRICAL CHARACTERISTICS

	VOLT	AMPS	WATTS	PF	THDv	THDi
INPUT LINE:	120.01	1.1325	135.31	.9956	.2150	7.5301
DRIVER 1 LOAD:	34.186	1.7355	59.328	1.000		
DRIVER 2 LOAD:	34.175	1.7444	59.618	1.000		

TEMPERATURES:		(DEGREES C)
TC#1	ROOM AMBIENT	25.0
TC#2	LED DRIVER #1 TMP_{ps}	39.4
TC#3	LED DRIVER #1 TMP_{ps}	38.5
TC#4	LED1 ARRAY #1 LED#145	62.1
TC#5	LED2 ARRAY #1 LED#174	59.1
TC#6	LED3 ARRAY #2 LED#145	63.4
TC#7	LED4 ARRAY #2 LED#174	61.7

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.

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.

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IN-SITU TEMPERATURE MEASUREMENT

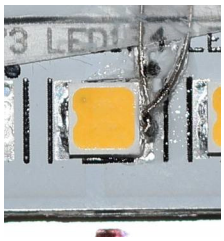
LED Thermocouple Locations Photographs

TC#4
Array1 #145

TC#5
Array1 #174

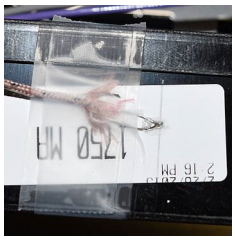
TC#6
Array #145

TC#7
Array #174



Typical LED
TC Location

Bottom View of Fixture

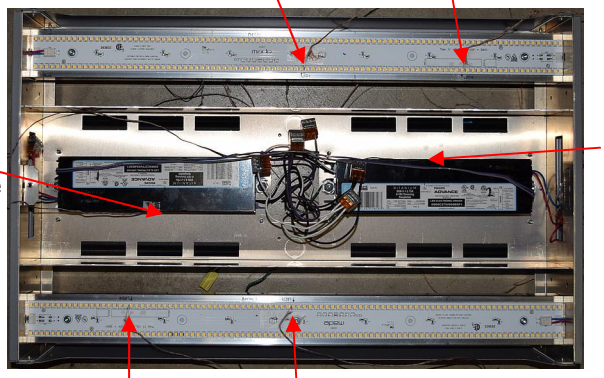


Driver#1
TMP_{ps}-On Side
(Typical)

Array#1

Driver#1
TMP_{ps}-On Side

Array #2



Driver#2
TMP_{ps}-On Side