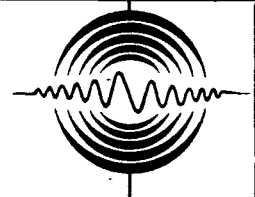


BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

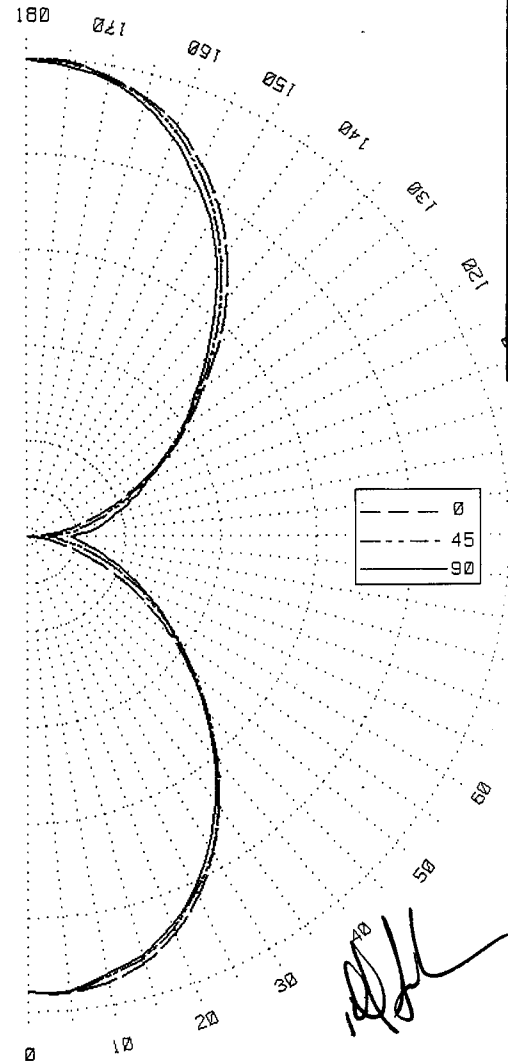
1618 HEADLAND DR.
FENTON, MO 63026
(636) - 343-6006
(636) - 343-6051 FAX



BALLABS CERTIFIED TEST REPORT NO.: 18754.0 DATE 03/11/15
PREPARED FOR: H.E. WILLIAMS, INC - CARTHAGE, MO
DESCRIPTION: 4-56LED 22"ARRAYS 4'SUSPENDED BIDIRECT LUMINAIRE
WHITE REFLECTOR w/FROSTED ACRYLIC LENS (TOP & BTM)
2 EVERLINE LED DRIVERS #D10CC55UNVT-C
CATALOG NBR: AX2UD-4-L33/835U/L33/835D-S-DIMU/DIMD-UNV
LAMP TYPE : M10CC835D56N2S

CANDLEPOWER DISTRIBUTION

VERT ANG	0	22.5	45	67.5	90	ZONAL LUMENS
0	1297.	1297.	1297.	1297.	1297.	
5	1315.	1297.	1286.	1283.	1277.	123.2
10	1287.	1271.	1270.	1266.	1262.	
15	1256.	1244.	1243.	1229.	1231.	351.4
20	1205.	1202.	1189.	1182.	1179.	
25	1131.	1130.	1115.	1114.	1106.	518.0
30	1040.	1046.	1037.	1021.	1017.	
35	935.	946.	938.	926.	922.	587.1
40	826.	836.	828.	817.	819.	
45	712.	733.	719.	709.	710.	556.0
50	599.	621.	613.	607.	605.	
55	489.	517.	517.	515.	512.	459.6
60	389.	411.	422.	430.	430.	
65	288.	318.	336.	350.	353.	328.5
70	197.	235.	260.	283.	288.	
75	125.	161.	191.	223.	231.	199.3
80	69.	102.	136.	171.	185.	
85	30.	59.	93.	131.	145.	101.1
90	6.	25.	64.	105.	120.	
95	43.	68.	113.	156.	177.	121.9
100	106.	120.	159.	199.	215.	
105	177.	184.	215.	249.	260.	229.1
110	254.	259.	284.	306.	315.	
115	346.	349.	359.	373.	375.	357.6
120	459.	446.	446.	450.	457.	
125	552.	544.	534.	533.	541.	483.9
130	648.	642.	628.	627.	617.	
135	766.	756.	739.	743.	719.	577.1
140	878.	872.	849.	839.	823.	
145	984.	977.	955.	934.	937.	600.9
150	1082.	1085.	1057.	1044.	1037.	
155	1163.	1167.	1144.	1136.	1119.	530.8
160	1238.	1240.	1223.	1215.	1205.	
165	1290.	1296.	1283.	1276.	1270.	363.9
170	1324.	1331.	1322.	1314.	1315.	
175	1351.	1361.	1355.	1347.	1342.	129.1
180	1357.	1357.	1357.	1357.	1357.	



NVLAP[®]

NVLAP LAB CODE 200921-0

LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	993.	NA.	15.0	90-120	709.	NA.	10.7
0- 40	1580.	NA.	23.9	90-130	1193.	NA.	18.0
0- 60	2595.	NA.	39.2	90-150	2370.	NA.	35.8
0- 90	3224.	NA.	48.7	90-180	3394.	NA.	51.3
TOTAL LUMINAIRE = 0-180					6618.	NA.	100.0

IES SPACING CRITERIA: END= 1.2 DIAGONAL = 1.2 CROSS= 1.2

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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 LAMP TYPE : M10CC835D56N2S

VERT ANGLE	LUMINANCES-CD/SQ-M HORIZONTAL ANGLE		
	0	45	90
45	15336.	15485.	15287.
55	12981.	13714.	13592.
65	10364.	12105.	12726.
75	7378.	11236.	13606.
85	5226.	16282.	25327.

MAXIMUM BRIGHTNESSES NOT MEASURED

ELECTRICAL CHARACTERISTICS 120.0V .6917A 82.853W

LUMINOUS EFFICACY (LUMENS / WATTS) = 79.9

TESTED IN ACCORDANCE WITH CURRENT IES STANDARDS
 UTILIZING ABSOLUTE PHOTOMETRY PER LM-79-08

