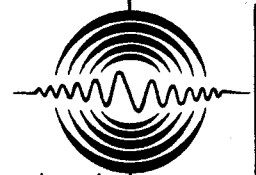


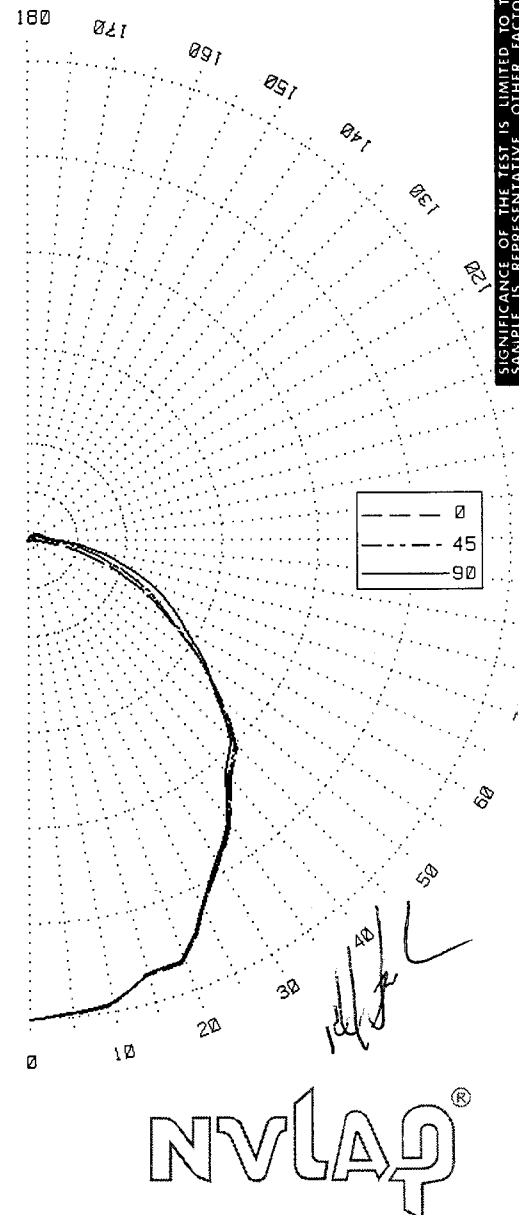
# BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

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



BALLABS CERTIFIED TEST REPORT NO.: 18102.0 DATE 05/02/14  
PREPARED FOR: SCIENTIFIC LIGHTING PRODUCTS, INC - FENTON, MO  
DESCRIPTION: 8-(72LED) 22"BOARDS 4'ENCLOSED/GASKETED LUMINAIRE  
WHITE REFLECTOR & FROSTED ACRYLIC DROP LENS  
2 ULT DRIVERS #D23CC90UNVT-F MOUNTED TO ALUM HEATSINK  
CATALOG NBR: CT4/CT4i-LED-SMM-4-CC-UNVLT-H-830-U  
LAMP TYPE : M700C830D72N2S RATED LUMENS NA. NBR. LAMPS:- 1

CANDLEPOWER DISTRIBUTION					
VERT	HORIZONTAL ANGLE				
ANG	0	22.5	45	67.5	90
0	6707.	6707.	6707.	6707.	6707.
5	6652.	6646.	6646.	6640.	6638.
10	6579.	6571.	6569.	6565.	6563.
15	6293.	6291.	6285.	6279.	6279.
20	6255.	6245.	6233.	6225.	6217.
25	5692.	5686.	5674.	5670.	5657.
30	5234.	5224.	5210.	5196.	5175.
35	4857.	4849.	4833.	4805.	4788.
40	4349.	4341.	4312.	4272.	4246.
45	4069.	4067.	4033.	3978.	3954.
50	3456.	3456.	3425.	3403.	3403.
55	2897.	2903.	2888.	2941.	2982.
60	2309.	2325.	2346.	2475.	2528.
65	1827.	1859.	1943.	2111.	2169.
70	1365.	1410.	1552.	1746.	1801.
75	903.	968.	1142.	1321.	1373.
80	549.	632.	826.	1001.	1045.
85	261.	350.	533.	675.	711.
90	134.	192.	322.	405.	427.
95	77.	140.	243.	290.	298.
100	81.	124.	199.	235.	239.
105	79.	109.	174.	207.	213.
110	0.	95.	156.	190.	205.
115	0.	81.	140.	176.	186.
120	0.	69.	126.	162.	174.
125	0.	57.	109.	146.	156.
130	0.	0.	93.	126.	140.
135	0.	0.	77.	107.	117.
140	0.	0.	63.	87.	99.
145	0.	0.	0.	81.	87.
150	0.	0.	0.	65.	65.
155	0.	0.	0.	61.	57.
160	0.	0.	0.	0.	0.
165	0.	0.	0.	0.	0.
170	0.	0.	0.	0.	0.
175	0.	0.	0.	0.	0.
180	0.	0.	0.	0.	0.



NVLAP®

NVLAP LAB CODE 200921-0

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	5043.	NA.	27.7	90-120	524.	NA.	2.9
0- 40	8076.	NA.	44.3	90-130	612.	NA.	3.4
0- 60	13809.	NA.	75.8	90-150	678.	NA.	3.7
0- 90	17538.	NA.	96.2	90-180	689.	NA.	3.8
TOTAL LUMINAIRE = 0-180				18227.	NA.	100.0	
IES SPACING CRITERIA: END= 1.2 DIAGONAL = 1.2 CROSS= 1.2							

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VERT ANGLE	LUMINANCES-CD/SQ-M HORIZONTAL ANGLE		
	0	45	90
45	12623.	10118.	9920.
55	11077.	8258.	8525.
65	9483.	6690.	7472.
75	7656.	5144.	6184.
85	6576.	3622.	4834.

\*\*MAXIMUM BRIGHTNESSES NOT MEASURED\*\*

\*\*\*\*\*

ELECTRICAL CHARACTERISTICS 120.0V 1.4993A 179.43W

LUMINOUS EFFICACY (LUMENS / WATTS) = 101.5

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

