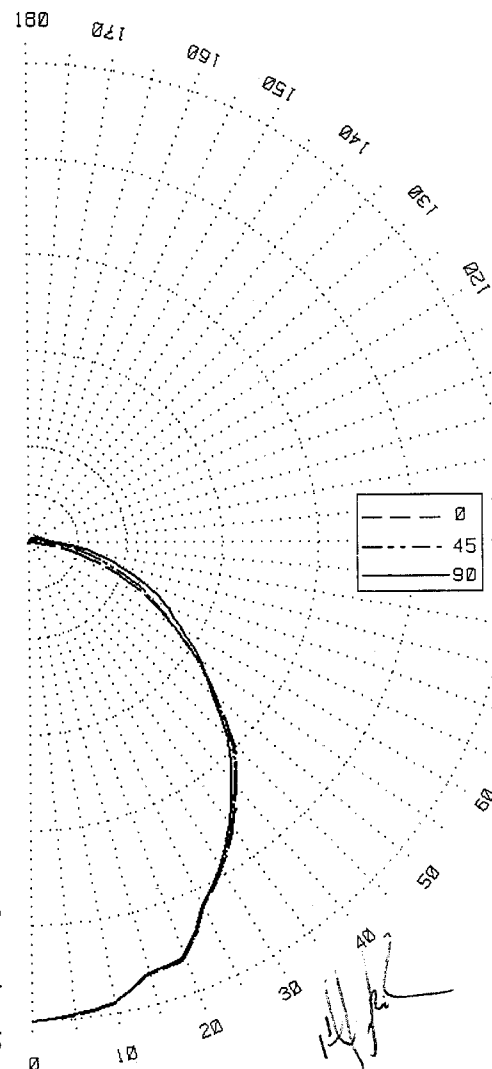


BALLABS CERTIFIED TEST REPORT NO.: 18083.0 DATE 05/01/14
PREPARED FOR: SCIENTIFIC LIGHTING PRODUCTS, INC - FENTON, MO
DESCRIPTION: 8-(44LED) 22"BOARDS 4'ENCLOSED/GASKETED LUMINAIRE w/WHITE
REFL & FROSTED ACRYLIC DROP LENS w/DRIVERS MOUNTED TO ALUM
HEATSINK 2 ADVANCE #XI075C200V054XPT1 26.6K & 26.8K
CATALOG NBR: CT4/CT4i-LED-SMM-4-CC-FORTIMO-L-830-U
LAMP TYPE : FORTIMO 9290008807 RATED LUMENS NA. NBR. LAMPS:- 1

CANDLEPOWER DISTRIBUTION					
VERT	HORIZONTAL ANGLE				
ANG	0	22.5	45	67.5	90
0	5988.	5988.	5988.	5988.	5988.
5	5937.	5933.	5925.	5927.	5923.
10	5847.	5840.	5838.	5838.	5838.
15	5585.	5580.	5578.	5576.	5576.
20	5538.	5528.	5519.	5509.	5504.
25	5044.	5039.	5033.	5025.	5018.
30	4720.	4716.	4701.	4680.	4670.
35	4361.	4357.	4342.	4310.	4298.
40	3960.	3955.	3930.	3884.	3860.
45	3575.	3569.	3541.	3486.	3463.
50	3013.	3015.	2984.	2958.	2958.
55	2521.	2527.	2510.	2542.	2574.
60	2016.	2031.	2045.	2140.	2185.
65	1595.	1619.	1682.	1817.	1864.
70	1185.	1219.	1338.	1485.	1534.
75	784.	837.	974.	1122.	1162.
80	478.	545.	706.	845.	883.
85	226.	302.	454.	568.	600.
90	114.	163.	270.	336.	355.
95	66.	118.	201.	247.	254.
100	66.	104.	163.	190.	199.
105	68.	95.	144.	171.	175.
110	66.	82.	131.	158.	167.
115	51.	68.	118.	146.	152.
120	0.	59.	106.	137.	139.
125	0.	51.	95.	120.	135.
130	0.	0.	80.	106.	114.
135	0.	0.	63.	89.	99.
140	0.	0.	57.	82.	89.
145	0.	0.	0.	74.	76.
150	0.	0.	0.	57.	57.
155	0.	0.	0.	0.	49.
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.

ZONAL
LUMENS



NVLAP®

NVLAP LAB CODE 200921-0

SIGNIFICANCE OF THE TEST IS LIMITED TO THE DEGREE THAT THE TESTED SAMPLE IS REPRESENTATIVE. OTHER FACTORS AFFECT FIELD PERFORMANCE.

LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	4476.	NA.	28.0	90-120	446.	NA.	2.8
0- 40	7200.	NA.	45.0	90-130	521.	NA.	3.3
0- 60	12204.	NA.	76.3	90-150	578.	NA.	3.6
0- 90	15410.	NA.	96.4	90-180	580.	NA.	3.6
TOTAL LUMINAIRE = 0-180					15990.	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	11090.	8885.	8689.
55	9640.	7177.	7358.
65	8280.	5793.	6419.
75	6643.	4386.	5233.
85	5690.	3089.	4080.

MAXIMUM BRIGHTNESSES NOT MEASURED

ELECTRICAL CHARACTERISTICS 120.0V 1.2451A 148.72W

LUMINOUS EFFICACY (LUMENS / WATTS) = 107.5

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

