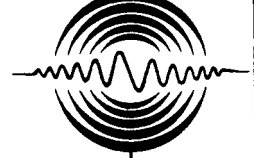


# BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC.

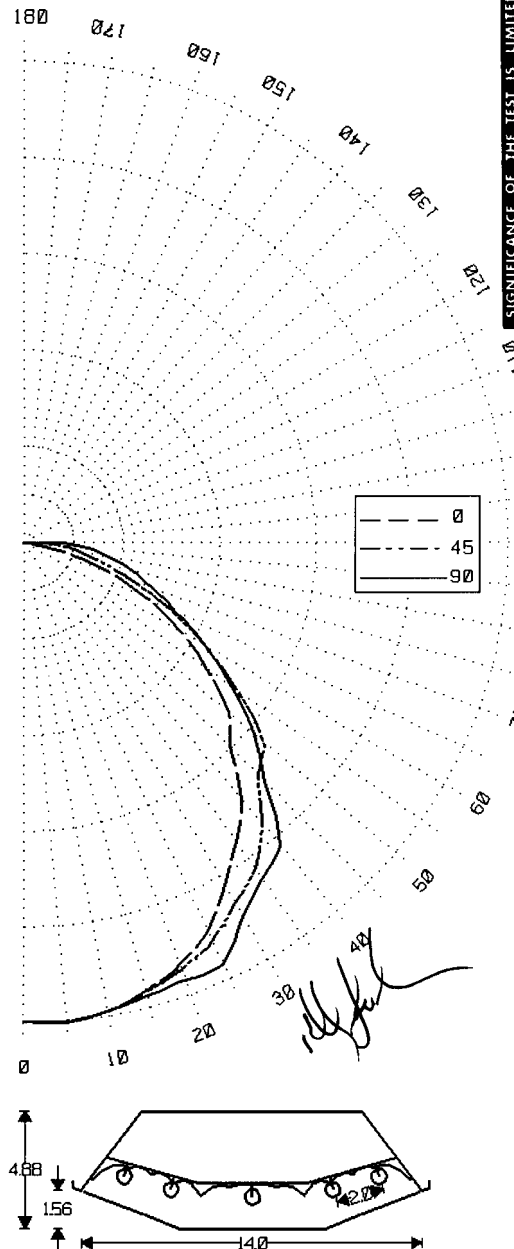
1618 HEADLAND DR.  
 FENTON, MO 63026  
 (636) - 343-6006  
 (636) - 343-6051 FAX



BALLABS CERTIFIED TEST REPORT NO.: 15144.0 DATE 12/17/09  
 PREPARED FOR: SPECTRUM LIGHTING - FALL RIVER, MA  
 DESCRIPTION: 5/54W T5HO C LAMP 1x4' SUSPENDED HIGHBAY LUMINAIRE  
 HIGH SPECULAR FORMED REFLECTOR w/CLEAR POLYCARBONATE LENS  
 ADVANCE #ICN-2S54-90C & ICN-4S54-90C-2LS-G WATTS=281  
 CATALOG NBR: LM5T5HO554EXADV  
 LAMP TYPE : FP54T5HO/835/C RATED LUMENS 4900. NBR. LAMPS:- 5

## CANDLEPOWER DISTRIBUTION

VERT ANG	HORIZONTAL ANGLE					ZONAL LUMENS
	0	22.5	45	67.5	90	
0	6323.	6323.	6323.	6323.	6323.	
5	6336.	6336.	6336.	6347.	6352.	605.3
10	6280.	6280.	6280.	6264.	6270.	
15	6116.	6132.	6132.	6175.	6191.	1742.8
20	5935.	5940.	5994.	6085.	6139.	
25	5665.	5659.	5804.	6025.	6137.	2706.5
30	5225.	5246.	5498.	5719.	5713.	
35	4816.	4859.	5257.	5327.	5412.	3228.5
40	4419.	4510.	4832.	5112.	5203.	
45	3807.	3968.	4317.	4505.	4451.	3275.7
50	3479.	3732.	4086.	3984.	3914.	
55	2910.	3162.	3404.	3286.	3307.	2906.9
60	2352.	2572.	2701.	2711.	2738.	
65	1772.	2040.	2099.	2137.	2185.	2048.4
70	1218.	1455.	1525.	1723.	1772.	
75	698.	907.	1073.	1331.	1455.	1160.4
80	284.	451.	767.	1041.	1133.	
85	69.	204.	515.	751.	826.	523.0
90	21.	69.	247.	402.	451.	
95	0.	23.	37.	80.	102.	52.1
100	0.	0.	16.	48.	59.	
105	0.	0.	0.	16.	16.	6.3
110	0.	0.	0.	0.	0.	
115	0.	0.	0.	0.	0.	.0
120	0.	0.	0.	0.	0.	.0
125	0.	0.	0.	0.	0.	.0
130	0.	0.	0.	0.	0.	.0
135	0.	0.	0.	0.	0.	.0
140	0.	0.	0.	0.	0.	.0
145	0.	0.	0.	0.	0.	.0
150	0.	0.	0.	0.	0.	.0
155	0.	0.	0.	0.	0.	.0
160	0.	0.	0.	0.	0.	.0
165	0.	0.	0.	0.	0.	.0
170	0.	0.	0.	0.	0.	.0
175	0.	0.	0.	0.	0.	.0
180	0.	0.	0.	0.	0.	.0



## LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	5055.	20.6	27.7	90-120	58.	.2	.3
0- 40	8283.	33.8	45.4	90-130	58.	.2	.3
0- 60	14466.	59.0	79.2	90-150	58.	.2	.3
0- 90	18197.	74.3	99.7	90-180	58.	.2	.3

TOTAL LUMINAIRE = 0-180

18256. 74.5 100.0

IES SPACING CRITERIA: END= 1.2 DIAGONAL = 1.3 CROSS= 1.3

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

