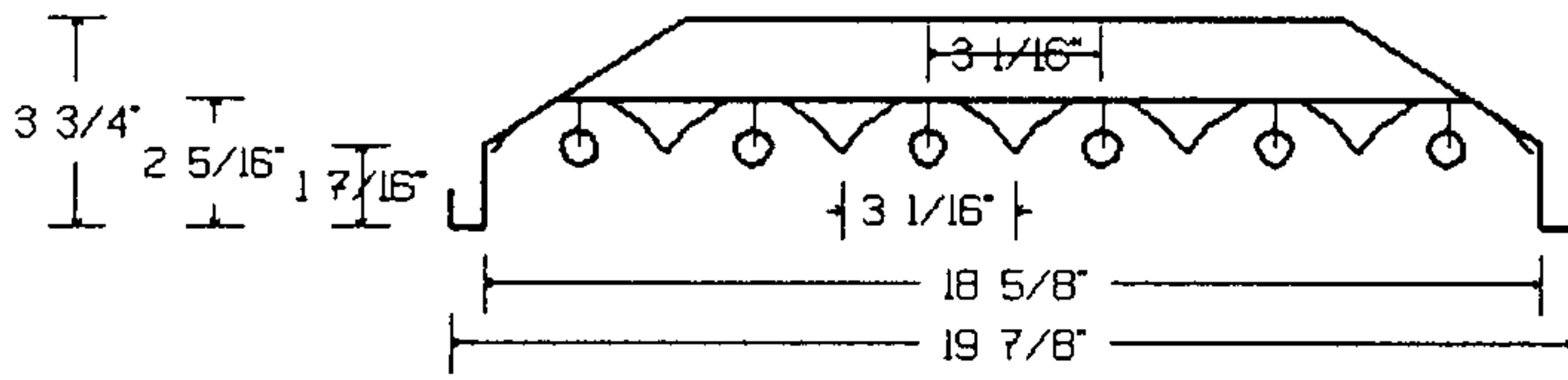
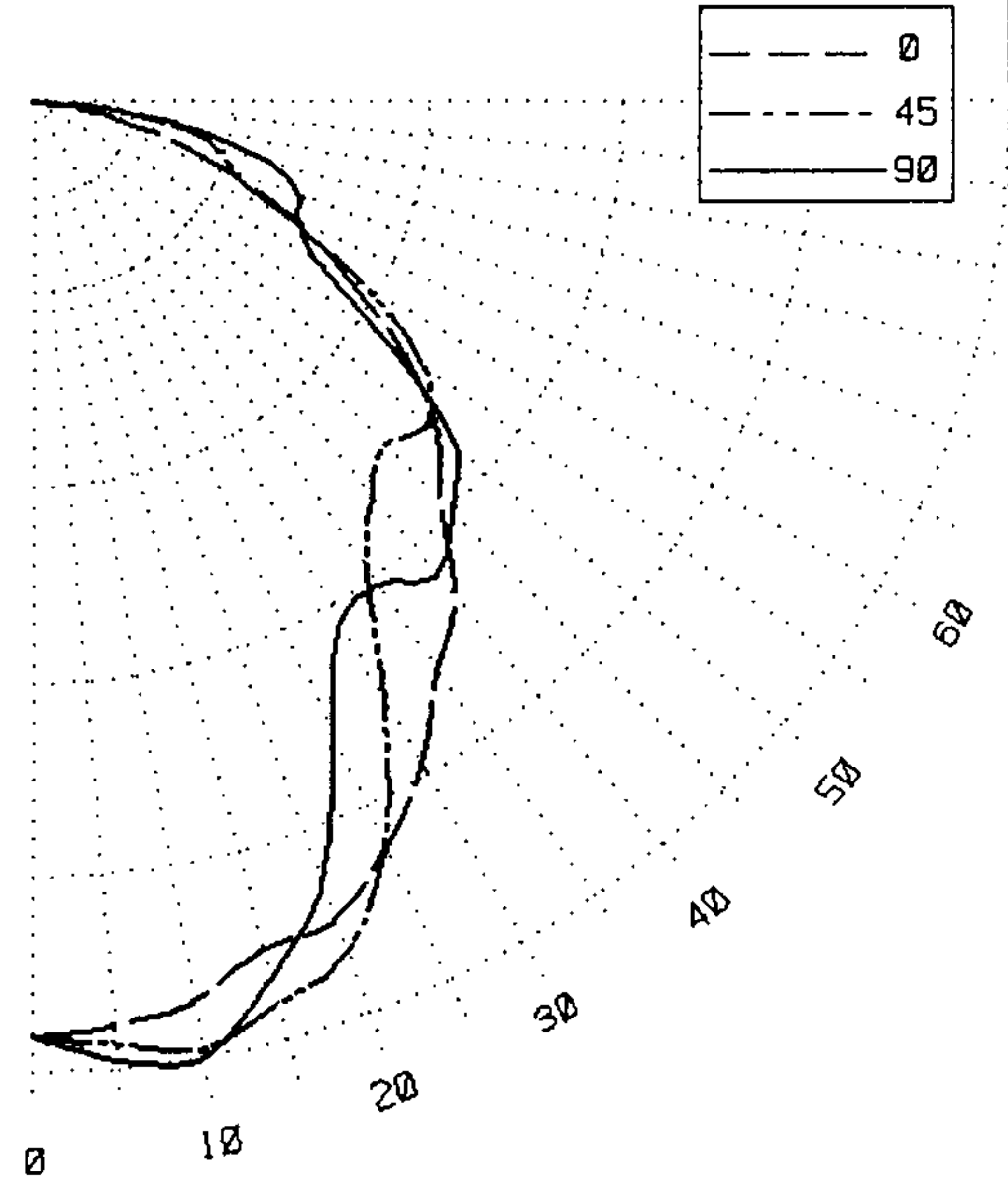


BALLABS CERTIFIED TEST REPORT NO.: 15456.0 DATE 05/25/10
 PREPARED FOR: TECHBRITE - CINCINNATI, OH
 DESCRIPTION: 6/54W T5HO LAMP 4'HIGHBAY TROFFER LUMINAIRE
 MIRO 4 REFLECTOR w/OPEN BOTTOM
 SYLVANIA #QTP4x54T5HO/UNVPSNHTW & QTP2x54T5HO/UNVPSNHT
 CATALOG NBR: B4146T5MRHT0000
 LAMP TYPE : FP54T5HO/835 RATED LUMENS 5000. NBR. LAMPS:- 6

CANDLEPOWER DISTRIBUTION

VERT ANG	HORIZONTAL ANGLE					ZONAL LUMENS
	0	22.5	45	67.5	90	
0	9936.	9936.	9936.	9936.	9936.	
5	9842.	9900.	10035.	10164.	10209.	957.5
10	9700.	9919.	10209.	10313.	10313.	
15	9320.	9726.	9913.	9739.	9655.	2754.3
20	9256.	9829.	9642.	9152.	8875.	
25	8759.	9333.	8733.	7747.	7419.	3923.0
30	8147.	8579.	7354.	6490.	6426.	
35	7386.	7638.	6091.	6058.	6271.	4179.9
40	6896.	6871.	5504.	6258.	6568.	
45	6026.	5588.	5201.	6065.	6213.	4447.9
50	5523.	4692.	5382.	5839.	5788.	
55	4731.	3809.	4988.	4769.	4505.	4078.5
60	3790.	3261.	4028.	3461.	3396.	
65	2997.	2990.	2894.	2913.	3048.	2933.1
70	2152.	2410.	2210.	2739.	2958.	
75	1353.	1456.	1991.	2507.	2565.	2092.8
80	670.	934.	1540.	1669.	1695.	
85	186.	547.	689.	709.	709.	652.6
90	0.	0.	0.	0.	0.	



[Handwritten signature]

LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	7635.	25.4	29.3	90-120	0.	.0	.0
0- 40	11815.	39.4	45.4	90-130	0.	.0	.0
0- 60	20341.	67.8	78.2	90-150	0.	.0	.0
0- 90	26020.	86.7	100.0	90-180	0.	.0	.0
TOTAL LUMINAIRE = 0-180					26020.	86.7	100.0

IES SPACING CRITERIA: END= 1.2 DIAGONAL = 1.1 CROSS= 1.0

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

