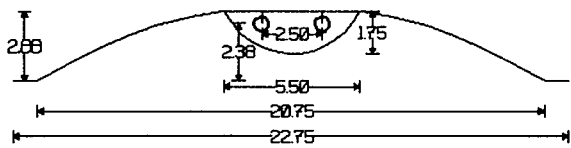
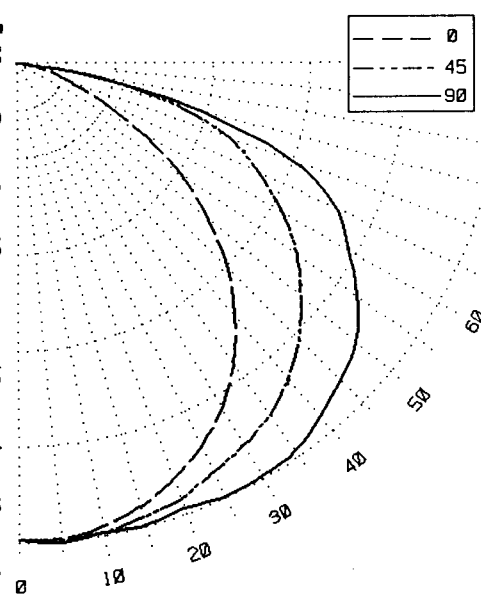


BALLABS CERTIFIED TEST REPORT NO.: 14825.0 DATE 08/11/09  
 PREPARED FOR: SPECTRUM LIGHTING - FALL RIVER, MA  
 DESCRIPTION: 2/24W T5HO LAMP 2x2'RECESSED TROFFER RETROFIT KIT  
 FORMED WHITE REFL w/CLEAR RIBBED ACRYLIC CENTER DIFFUSER  
 WORKHORSE BALLAST #WH5-120-L WATTS=48.3 REFL=89%  
 CATALOG NBR: LRCR22T5-HO-1  
 LAMP TYPE : F24T5HO/835 RATED LUMENS 2000. NBR. LAMPS:- 2

VERT ANG	CANDLEPOWER DISTRIBUTION					ZONAL LUMENS
	0	22.5	45	67.5	90	
0	970.	970.	970.	970.	970.	970.
5	970.	970.	973.	975.	977.	92.9
10	956.	965.	968.	968.	969.	270.8
15	932.	946.	955.	968.	972.	425.5
20	901.	916.	942.	958.	963.	543.3
25	861.	881.	918.	962.	972.	597.6
30	811.	836.	898.	952.	969.	578.1
35	750.	783.	875.	944.	965.	484.8
40	674.	723.	839.	917.	940.	291.3
45	592.	656.	796.	882.	913.	21.4
50	495.	576.	740.	859.	885.	
55	396.	483.	683.	798.	831.	
60	287.	390.	611.	738.	768.	
65	187.	304.	532.	671.	706.	
70	114.	228.	452.	577.	591.	
75	71.	158.	325.	396.	374.	
80	37.	91.	157.	183.	159.	
85	13.	25.	24.	17.	12.	
90	0.	0.	0.	0.	0.	



*[Handwritten signature]*

LUMEN SUMMARY							
ZONE	LUMENS	%LAMP	%FIXT	ZONE	LUMENS	%LAMP	%FIXT
0- 30	789.	19.7	23.9	90-120	0.	.0	.0
0- 40	1333.	33.3	40.3	90-130	0.	.0	.0
0- 60	2508.	62.7	75.9	90-150	0.	.0	.0
0- 90	3306.	82.6	100.0	90-180	0.	.0	.0
TOTAL LUMINAIRE = 0-180					3306.	82.6	100.0

IES SPACING CRITERIA: END= 1.2 DIAGONAL = 1.4 CROSS= 1.5

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

