



LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING
MEMBER
of the
IESNA

905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com

LTL NUMBER: 13203

DATE: 08-12-2008

PREPARED FOR: EB FLUORESCENT COMPANY, INC.

CATALOG NUMBER: HI BAY 6/32

LUMINAIRE: FORMED WHITE ENAMEL STEEL HOUSING, FORMED SPECULAR ALUMINUM REFLECTOR, NO ENCLOSURE.

LAMPS: SIX 32 WATT T8 LINEAR FLUORESCENT LAMPS RATED AT 2850 LUMENS EACH.

LAMP CATALOG NUMBER: PHILIPS F32T8/TL841/ALTO

BALLASTS: TWO UNIVERSAL LIGHTING TECHNOLOGIES B332IUNVHP-A

MOUNTING: SURFACE/PENDANT

TOTAL INPUT WATTS =167.0 AT 120.0 VOLTS

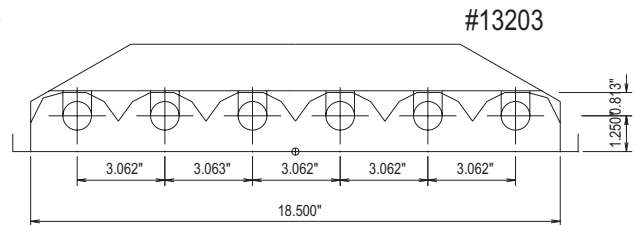
THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	5345	5345	5345	5345	5345
5	5328	5342	5371	5415	5433
15	5129	5299	5528	5606	5640
25	4751	5105	5238	5032	4915
35	4204	4630	4271	4325	4403
45	3517	3816	3691	3760	3669
55	2709	2704	2837	2406	2300
65	1821	1980	1580	1816	1895
75	917	847	1118	1281	1311
85	133	307	334	325	318
90	0	0	0	0	0

FLUX

516
1541
2324
2744
2859
2354
1781
1162
331



ZONAL LUMEN SUMMARY

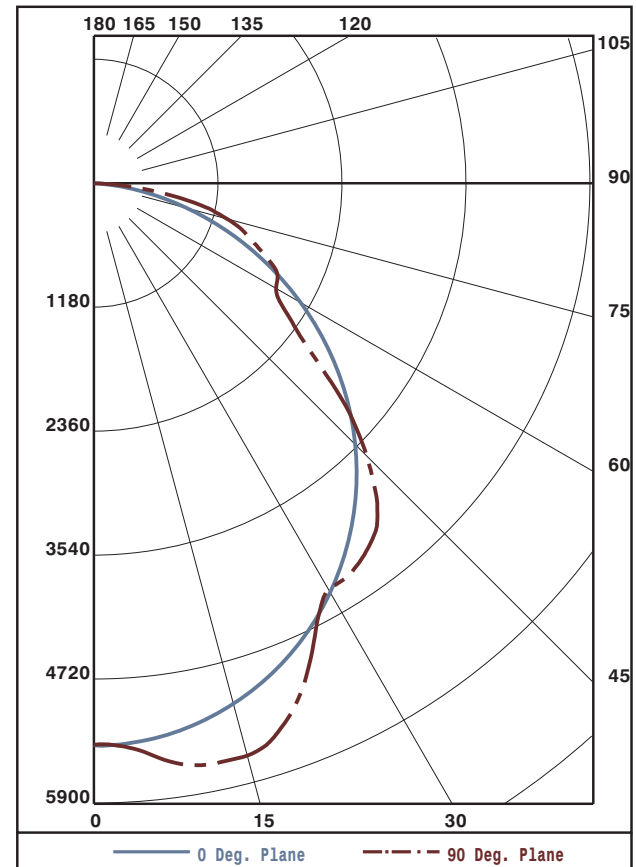
ZONE	LUMENS	%LAMP	%FIXT
0- 30	4381	25.6	28.1
0- 40	7125	41.7	45.6
0- 60	12338	72.1	79.0
0- 90	15612	91.3	100.0
90-180	0	0.0	0.0
0-180	15612	91.3	100.0

TOTAL LUMINAIRE EFFICIENCY: 91.3%

CIE TYPE: DIRECT
 PLANE: 0-DEG 90-DEG
 SPACING CRITERIA: 1.3 1.3
 LUMINOUS LENGTH: 47.000 18.500

LUMINANCE IN CANDELA PER SQUARE METER

ANGLE IN DEG	AVERAGE 0-DEG	AVERAGE 45-DEG	AVERAGE 90-DEG
0	9527.	9527.	9527.
45	8866.	9304.	9249.
55	8419.	8817.	7148.
65	7681.	6664.	7993.
75	6315.	7700.	9029.
85	2720.	6831.	6504.



Approved By: MG



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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD
EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

Table with columns RC, RW, and rows for angles 80, 70, 50, 30, 10, 0. Each angle has sub-columns for 70, 50, 30, 10 degrees. Values range from 0 to 109.

CANDELA DISTRIBUTION

Table with columns for angles 0.0, 22.5, 45.0, 67.5, 90.0 and rows for angles 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90. Values represent candela at various angles.

ZONAL LUMEN SUMMARY

Table with columns for angle ranges (0-5, 5-10, etc.) and lumen values. Values range from 128 to 1412.

THIS TEST WAS CONDUCTED USING RELATIVE PHOTOMETRY TECHNIQUES ACCORDING TO STANDARD IESNA PROCEDURES. THE USER MUST THEREFORE USE CAUTION IN THE FOLLOWING SITUATIONS: 1) THIS TEST WAS PERFORMED USING A SPECIFIC BALLAST/LAMP COMBINATION. EXTRAPOLATION OF THESE DATA FOR OTHER BALLAST/LAMP COMBINATIONS MAY PRODUCE ERRONEOUS RESULTS. 2) ACCORDING TO IESNA PROCEDURES, THE BALLAST(S) AND LAMP(S) ARE PRESUMED TO PRODUCE 100% OF RATED OUTPUT. AN APPROPRIATE BALLAST FACTOR MUST BE APPLIED TO THE LUMEN OUTPUT RATINGS AND LUMINOUS INTENSITY VALUES GIVEN. 3) THIS TEST WAS CONDUCTED IN A CONTROLLED LABORATORY ENVIRONMENT WHERE THE AMBIENT TEMPERATURE WAS HELD AT 25°C ±1°C. FIELD PERFORMANCE MAY DIFFER PARTICULARLY IN REGARDS TO CHANGE IN LUMINOUS OUTPUT AS A RESULT OF DIFFERENCE IN AMBIENT TEMPERATURE AND METHOD OF MOUNTING THE LUMINAIRE.