



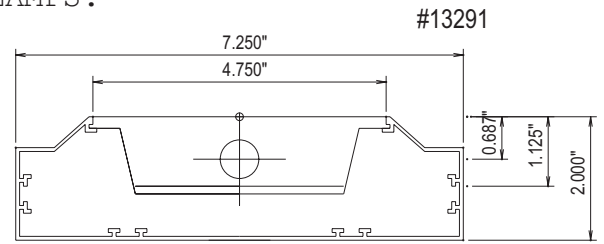
LUMINAIRE TESTING LABORATORY, INC.

SUSTAINING
MEMBER
of the
IESNA

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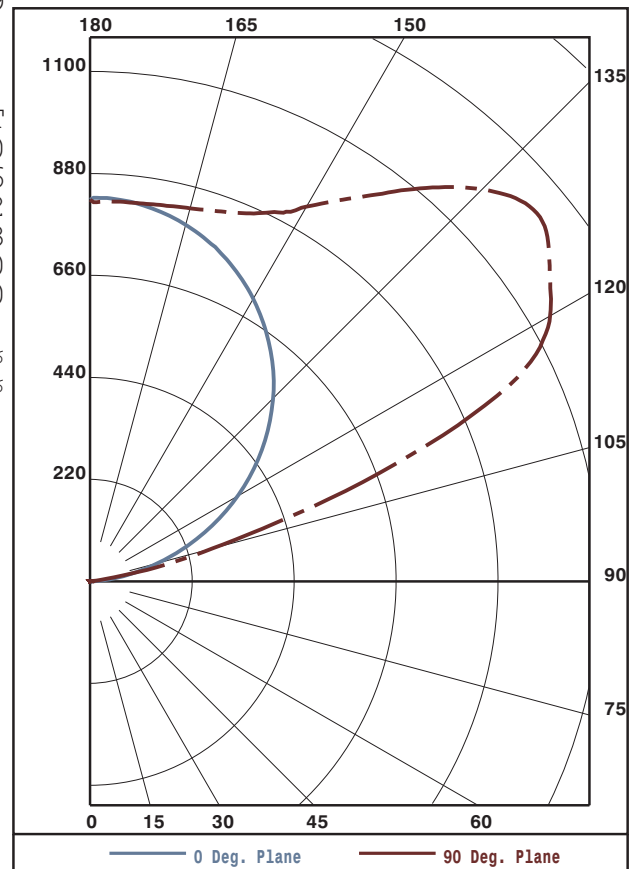
LTL NUMBER: 13291 DATE: 05-28-2008
 PREPARED FOR: PRECISION ARCHITECTURAL LIGHTING
 CATALOG NUMBER: DRSI-01-X-4-X-X-120-T5HO
 LUMINAIRE: EXTRUDED ALUMINUM HOUSING, FORMED WHITE ENAMEL ALUMINUM REFLECTOR WITH SPECULAR ALUMINUM SIDES, OPEN TOP.
 LAMP: ONE 54 WATT HIGH OUTPUT T5 LINEAR FLUORESCENT LAMP RATED AT 4400 LUMENS.
 LAMP CATALOG NUMBER: PHILIPS FP54T5/835/HO/ALTO
 BALLAST: ONE UNIVERSAL LIGHTING TECHNOLOGIES B254PUNV-D
 MOUNTING: PENDANT
 LUMEN TO CANDELA RATIO USED = 9.18
 TOTAL INPUT WATTS = 60.1 AT 120.0 VOLTS
 THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.

CANDELA DISTRIBUTION						FLUX
	0.0	22.5	45.0	67.5	90.0	
90	0	0	0	0	0	
95	35	50	6	7	7	37
105	151	465	453	304	274	387
115	295	590	886	995	995	759
125	435	604	978	1171	1209	798
135	558	639	889	1118	1196	682
145	660	699	818	957	1011	521
155	741	757	805	854	877	373
165	796	799	818	829	833	231
175	825	820	826	823	822	79
180	823	823	823	823	823	



ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-90	0	0.0	0.0
90-120	1184	26.9	30.6
90-130	1982	45.0	51.2
90-150	3185	72.4	82.3
90-180	3868	87.9	100.0
0-180	3868	87.9	100.0

TOTAL LUMINAIRE EFFICIENCY: 87.9%
 TOTAL REFLECTANCE OF PAINT: 88.6%
 CIE TYPE: INDIRECT



Approved By: MG



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

Table with 19 columns (RC, RW, 80, 70, 50, 30, 10, 0) and 11 rows of utilization coefficients.

CANDELA DISTRIBUTION

Table with 6 columns of candela values for various angles from 0.0 to 180 degrees.

ZONAL LUMEN SUMMARY

Table with 2 columns showing lumen values for various zones from 90-95 to 175-180 degrees.

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.