



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: 14115 DATE: 10-02-2008
 PREPARED FOR: SPECIALTY LIGHTING INDUSTRIES, INC.
 CATALOG NUMBER: 1500 LED
 LUMINAIRE: FORMED ALUMINUM HOUSING, CLEAR GLASS ENCLOSURE ABOVE SPUN SPECULAR ALUMINUM REFLECTOR.
 LAMPS: THREE WHITE LEDS WITH CLEAR PATTERNED LENSES BELOW EACH.
 LED POWER SUPPLY: ONE ADVANCE LED120A0024V07FM
 MOUNTING: RECESSED
 ELECTRICAL VALUES: 120.0VAC, 0.0861A, 10.11W
 LUMINAIRE EFFICACY: 26.6 LUMENS/WATT
 NOTE: THIS TEST WAS PERFORMED USING THE CALIBRATED PHOTODETECTOR METHOD OF ABSOLUTE PHOTOMETRY.*
 VERTICAL TEST DATA WAS ACQUIRED IN 1/2 DEGREE INCREMENTS.

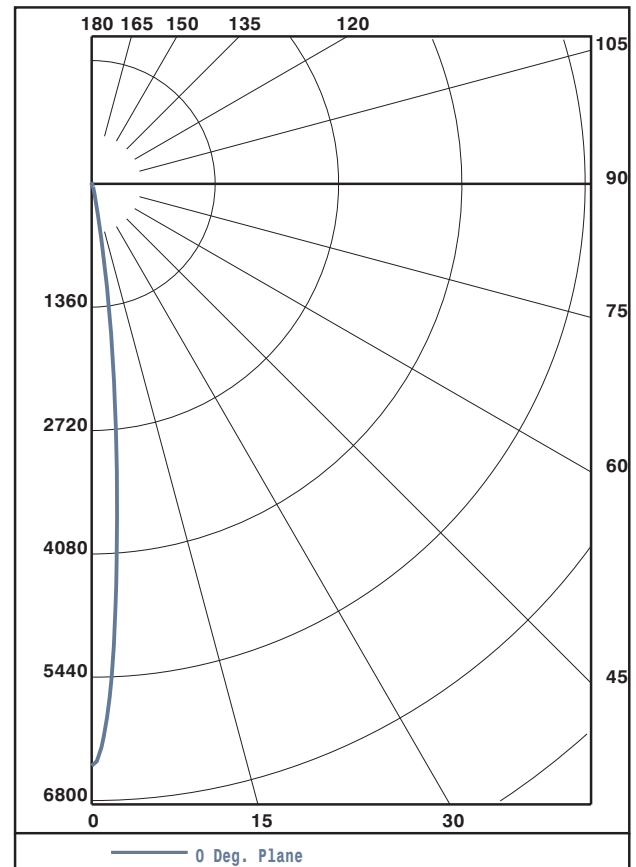
CANDELA VER ANG	LAT	ZONAL LUMEN SUMS
0	6417	
5	3160	217
15	112	39
25	24	11
35	1	1
45	0	0
55	0	0
65	0	0
75	0	0
85	0	0
90	0	0



ZONAL LUMEN SUMMARY	DATA IN MAJOR ZONES
ZONE	LUMENS %FIXT
0-30	268 99.54
0-40	269 100.00
0-60	269 100.00
0-90	269 100.00
90-180	0 0.00
0-180	269 100.00

TOTAL LUMEN OUTPUT: 269
 CIE CLASSIFICATION TYPE: DIRECT
 LUMINAIRE SPACING CRITERION: 0.21
 LUMINOUS DIAMETER OF LUMINAIRE: 2.500"

LUMINANCE IN CANDELA PER SQUARE METER	VER	LATERAL ANGLE	0-DEG	45-DEG	90-DEG
0	2026592		2026592		2026592
45	0		0	0	0
55	0		0	0	0
65	0		0	0	0
75	0		0	0	0
85	0		0	0	0



Approved By: _____

*DATA WAS ACQUIRED USING THE CALIBRATED PHOTODETECTOR METHOD OF ABSOLUTE PHOTOMETRY. A UDT MODEL #211 PHOTODETECTOR AND UDT MODEL #S370 OPTOMETER COMBINATION WERE USED AS A STANDARD. A SPECTRAL MISMATCH CORRECTION FACTOR WAS EMPLOYED BASED ON THE SPECTRAL RESPONSIVITY OF THE PHOTODETECTOR AND THE SPECTRAL POWER DISTRIBUTION OF THE TEST SUBJECT.

TESTING WAS PERFORMED IN ACCORDANCE WITH IES LM-79-08.

TEST ANGULAR INCREMENTS AND REPORT FORMATTING WAS BASED ON IES LM-41-98 AND LM-46-04.



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5 DEGREE CANDELA DISTRIBUTION

VER ANG	LATERAL ANGLE
0	0.0
5	6417
10	3160
15	565
20	112
25	50
30	24
35	9
40	1
45	0
50	0
55	0
60	0
65	0
70	0
75	0
80	0
85	0
90	0

5 DEG LUMEN VALUES

ZONE	LUMENS
0-5	109
5-10	109
10-15	27
15-20	12
20-25	7
25-30	4
30-35	1
35-40	0
40-45	0
45-50	0
50-55	0
55-60	0
60-65	0
65-70	0
70-75	0
75-80	0
80-85	0
85-90	0

THIS TEST WAS CONDUCTED USING PHOTOMETRY TECHNIQUES ACCORDING TO STANDARD IES 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) 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.