



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: 14116 DATE: 10-02-2008
 PREPARED FOR: SPECIALTY LIGHTING INDUSTRIES, INC.
 CATALOG NUMBER: 1005 LED
 LUMINAIRE: EXTRUDED ALUMINUM AND FORMED STEEL HOUSING, CLEAR GLASS ENCLOSURE ABOVE SPUN BLACK ENAMEL ALUMINUM LOWER REFLECTOR.
 LAMPS: THREE WHITE LEDS WITH CLEAR PATTERNED LENSES BELOW EACH.
 LED POWER SUPPLY: ONE ADVANCE LED120A0024V07FM
 MOUNTING: RECESSED
 ELECTRICAL VALUES: 120.0VAC, 0.0843A, 9.91W
 LUMINAIRE EFFICACY: 24.4 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.

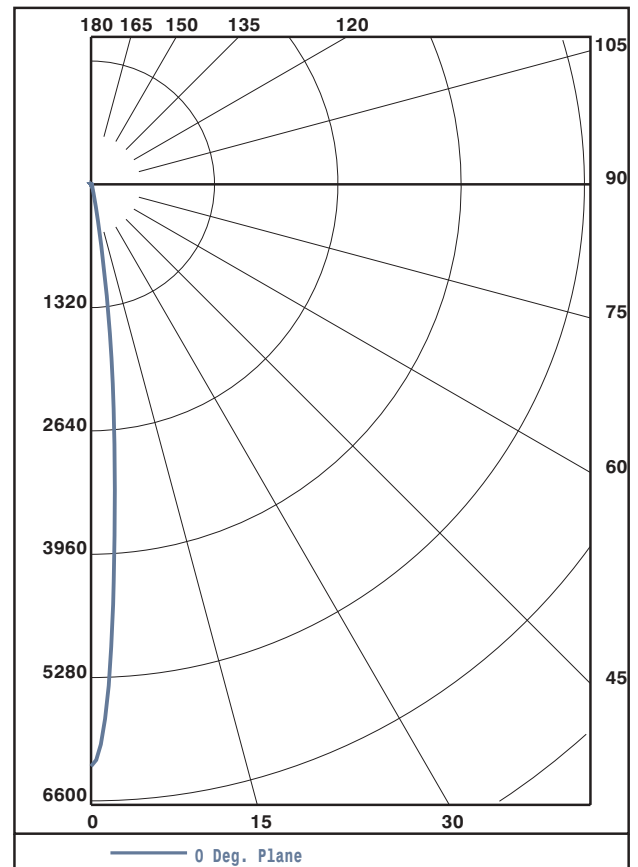


CANDELA	LAT	ZONAL
VER		LUMEN
ANG	0.0	SUMS
0	6231	
5	2880	200
15	90	32
25	21	10
35	0	0
45	0	0
55	0	0
65	0	0
75	0	0
85	0	0
90	0	0

ZONAL LUMEN SUMMARY DATA IN MAJOR ZONES			
ZONE	LUMENS	%FIXT	
0-30	242	99.83	
0-40	242	100.00	
0-60	242	100.00	
0-90	242	100.00	
90-180	0	0.00	
0-180	242	100.00	

TOTAL LUMEN OUTPTU: 242
 CIE CLASSIFICATION TYPE: DIRECT
 LUMINAIRE SPACING CRITERION: 0.20
 LUMINOUS DIAMETER OF LUMINAIRE: 2.375"

LUMINANCE IN CANDELA PER SQUARE METER			
VER	LATERAL	ANGLE	
ANG	0-DEG	45-DEG	90-DEG
0	2180303	2180303	2180303
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	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	LATERAL ANGLE
ANG	0.0
0	6231
5	2880
10	507
15	90
20	35
25	21
30	3
35	0
40	0
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	101
5-10	99
10-15	23
15-20	9
20-25	6
25-30	4
30-35	0
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.