



LUMINAIRE TESTING LABORATORY, INC.



SUSTAINING  
MEMBER

905 Harrison Street · Allentown, PA 18103 · (610) 770-1044 · Fax (610) 770-8912 · [www.LuminaireTesting.com](http://www.LuminaireTesting.com)

LTL NUMBER: 06262

DATE: 11-08-2001

PREPARED FOR: VANTAGE LUMINAIRES

CATALOG NUMBER: 8MH150H1-08024SCL/SCL

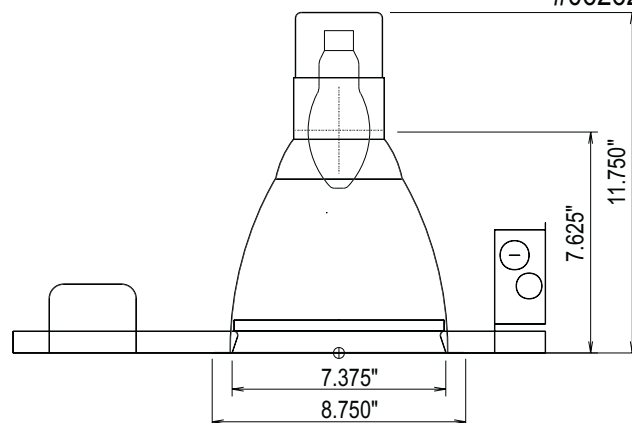
LUMINAIRE: FORMED STEEL HOUSING, SPUN SEMI-SPECULAR ALUMINUM REFLECTOR,  
CLEAR GLASS PRISMATIC LENS ABOVE SPUN SEMI-SPECULAR ALUMINUM  
LOWER REFLECTOR.

LAMP: ONE CLEAR SYLVANIA MP150/U/MED 150 WATT ED17 METAL HALIDE RATED AT  
11,500 LUMENS.

MOUNTING: RECESSED

#06262

DEG	CANDELA	LUMENS
0	5897	
5	5687	527
15	4063	1128
25	2007	928
35	747	477
45	260	209
55	132	114
65	67	75
75	65	45
85	0	0
90	0	

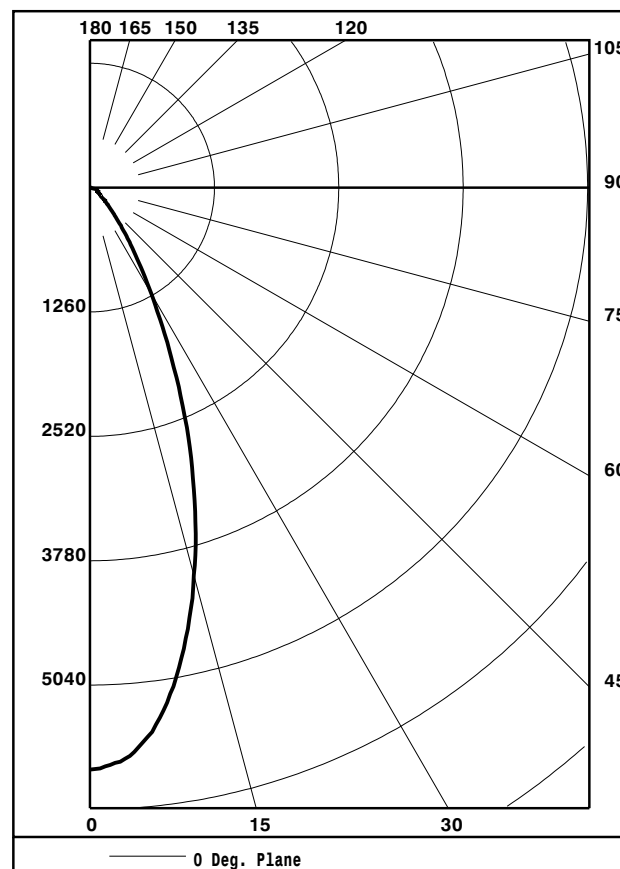


ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	2583	22.5	73.7
0- 40	3060	26.6	87.4
0- 60	3383	29.4	96.6
0- 90	3502	30.5	100.0
90-180	0	0.0	0.0
0-180	3502	30.5	100.0

TOTAL LUMINAIRE EFFICIENCY: 30.5%  
CIE TYPE: DIRECT  
LUMINAIRE SPACING CRITERION = 0.7  
LUMINOUS DIAMETER: 7.375

LUMINANCE IN CANDELA PER SQUARE METER  
ANGLE AVERAGE  
IN DEG

0	213952.
45	13341.
55	8350.
65	5752.
75	9112.
85	0.



TESTED BY HERSCHEL SCHRECK  
CHECKED BY MIKE GRATHER

THIS REPORT BASED ON LM-46 AND OTHER PERTINENT IES PROCEDURES.



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

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	36	36	36	36	35	35	35	35	34	34	34	32	32	32	31	31	31	30
1	35	34	33	33	34	33	33	32	32	32	31	31	31	30	30	30	29	29
2	33	32	31	30	33	32	31	30	31	30	29	30	29	28	29	28	28	27
3	32	30	29	28	31	30	29	28	29	28	27	28	28	27	28	27	26	26
4	31	29	27	26	30	28	27	26	28	27	26	27	26	26	27	26	25	25
5	29	27	26	25	29	27	26	25	27	25	24	26	25	24	26	25	24	24
6	28	26	25	23	28	26	24	23	25	24	23	25	24	23	25	24	23	23
7	27	25	23	22	27	25	23	22	24	23	22	24	23	22	24	23	22	21
8	26	24	22	21	26	24	22	21	23	22	21	23	22	21	23	22	21	21
9	25	23	21	20	25	23	21	20	22	21	20	22	21	20	22	21	20	20
10	24	22	20	19	24	22	20	19	21	20	19	21	20	19	21	20	19	19

CANDELA DISTRIBUTION

	0.0
0	5897
5	5687
10	5031
15	4063
20	3020
25	2007
30	1241
35	747
40	438
45	260
50	172
55	132
60	98
65	67
70	80
75	65
80	11
85	0
90	0

ZONAL LUMEN SUMMARY

0- 5	139.
5- 10	388.
10- 15	543.
15- 20	585.
20- 25	525.
25- 30	402.
30- 35	283.
35- 40	194.
40- 45	129.
45- 50	80.
50- 55	60.
55- 60	54.
60- 65	41.
65- 70	33.
70- 75	35.
75- 80	10.
80- 85	0.
85- 90	0.

THIS TEST WAS CONDUCTED USING RELATIVE PHOTOMETRY TECHNIQUES ACCORDING TO STANDARD IESNA PROCEDURES. THE USER MUST THEREFORE USE CAUTION IN THE FOLLOWING SITUATIONS: 1) 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. 2) THIS TEST WAS CONDUCTED IN A CONTROLLED LABORATORY ENVIRONMENT, FIELD PERFORMANCE MAY DIFFER.



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LTL TEST #06262

CIRCLE-OF-LIGHT

Ft below	FC nadir	Dia @ 50%
6.0	163.8	3.9
8.0	92.1	5.2
10.0	59.0	6.5
12.0	41.0	7.8
14.0	30.1	9.1
16.0	23.0	10.4

NOTE: 'Dia' spans the edge-points that are half of nadir FC