



LUMINAIRE TESTING LABORATORY, INC.



SUSTAINING
MEMBER

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

LTL NUMBER: 06263

DATE: 11-08-2001

PREPARED FOR: VANTAGE LUMINAIRES

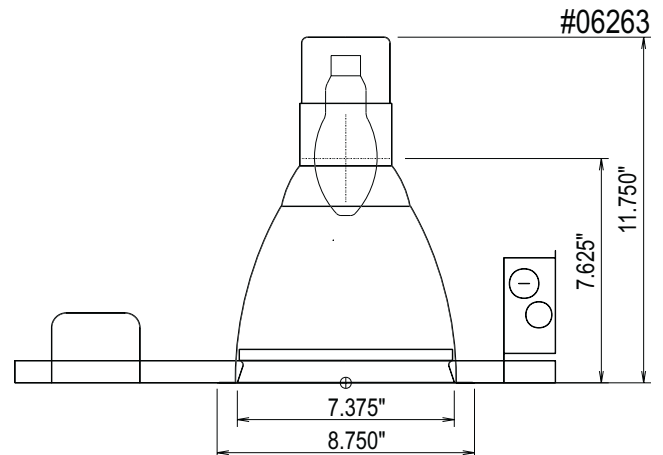
CATALOG NUMBER: 8MH150H1-08016SCL/SCL

LUMINAIRE: FORMED STEEL HOUSING, SPUN SEMI-SPECULAR ALUMINUM REFLECTOR,
CLEAR GLASS FRESNEL 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

DEG	CANDELA	LUMENS
0	12975	
5	5970	552
15	7419	1627
25	958	653
35	275	170
45	173	134
55	139	128
65	96	93
75	57	56
85	0	0
90	0	



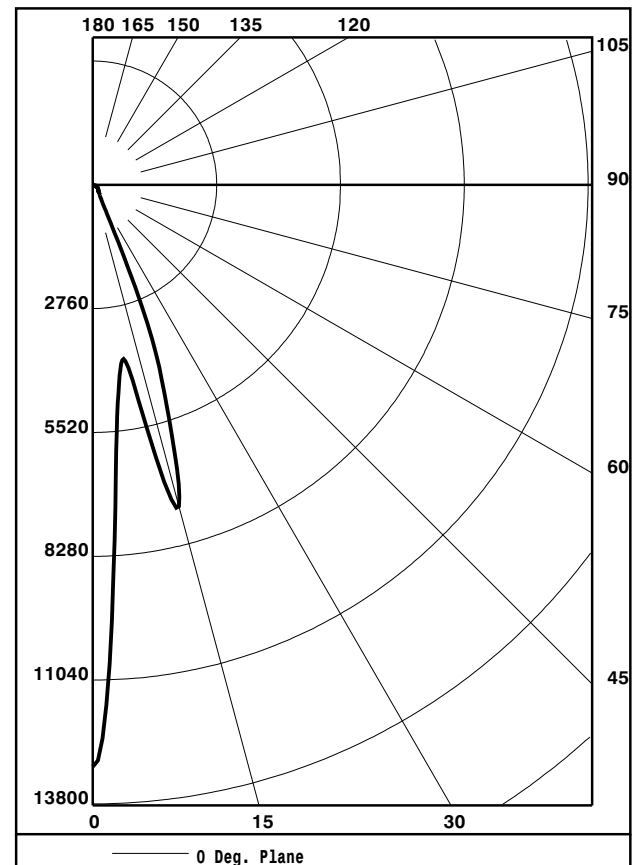
ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	2831	24.6	83.0
0- 40	3002	26.1	88.0
0- 60	3263	28.4	95.6
0- 90	3413	29.7	100.0
90-180	0	0.0	0.0
0-180	3413	29.7	100.0

TOTAL LUMINAIRE EFFICIENCY: 29.7%
CIE TYPE: DIRECT
LUMINAIRE SPACING CRITERION = 0.2
LUMINOUS DIAMETER: 7.375

LUMINANCE IN CANDELA PER SQUARE METER

ANGLE AVERAGE

IN DEG	
0	470753.
45	8877.
55	8792.
65	8242.
75	7990.
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	35	35	35	35	35	35	35	35	33	33	33	32	32	32	30	30	30	30
1	34	33	33	32	33	33	32	32	31	31	31	30	30	30	29	29	29	28
2	33	31	30	30	32	31	30	29	30	29	29	29	29	28	28	28	27	27
3	32	30	29	28	31	30	29	28	29	28	27	28	27	27	28	27	26	26
4	30	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	26	25	26	25	25	26	25	24	24
6	29	27	25	24	28	26	25	24	26	25	24	26	25	24	25	24	24	23
7	28	26	24	23	27	25	24	23	25	24	23	25	24	23	24	23	23	22
8	27	25	23	22	26	24	23	22	24	23	22	24	23	22	24	23	22	22
9	26	24	23	22	26	24	22	22	23	22	22	23	22	22	23	22	21	21
10	25	23	22	21	25	23	22	21	23	22	21	23	22	21	22	22	21	21

CANDELA DISTRIBUTION

	0.0
0	12975
5	5970
10	3943
15	7419
20	4334
25	958
30	387
35	275
40	206
45	173
50	155
55	139
60	123
65	96
70	68
75	57
80	14
85	0
90	0

ZONAL LUMEN SUMMARY

0- 5	232.
5- 10	320.
10- 15	658.
15- 20	969.
20- 25	517.
25- 30	136.
30- 35	92.
35- 40	78.
40- 45	69.
45- 50	64.
50- 55	64.
55- 60	64.
60- 65	53.
65- 70	41.
70- 75	41.
75- 80	16.
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 #06263

CIRCLE-OF-LIGHT

Ft below	FC nadir	Dia @ 50%
6.0	360.4	1.0
8.0	202.7	1.3
10.0	129.8	1.6
12.0	90.1	1.9
14.0	66.2	2.3
16.0	50.7	2.6

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