

IES ROAD REPORT
PHOTOMETRIC FILENAME : H-15116 150W INC.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 19991
[MANUFAC]HI-LITE MANUFACTURING - WAREHOUSE
[LUMCAT]H-151-16
[LUMINAIRE]WITH WHITE INTERIOR AND NO LENS
[LAMP]ONE GE 150 WATT INCANDESCENT LAMP
[LAMPCAT]150W/A21. LUMEN RATING = 2850 LMS.
[OTHER]OPERATING AT 120 VAC AND 150 WATTS

CHARACTERISTICS

IES Classification	Type V
Longitudinal Classification	Very Short
Cutoff Classification	Non-Cutoff
Total Rated Lamp Lumens	2850
Maximum Candela	387.2
Maximum Candela Angle	0H 17.5V
Maximum Candela At 90 Degrees Vertical	159.9 (5.61% Lamp Lms)
Maximum Candela At 80 Degrees Vertical	225.2 (7.90% Lamp Lms)
Downward Total Efficiency	66.2%

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CANDELA TABULATION

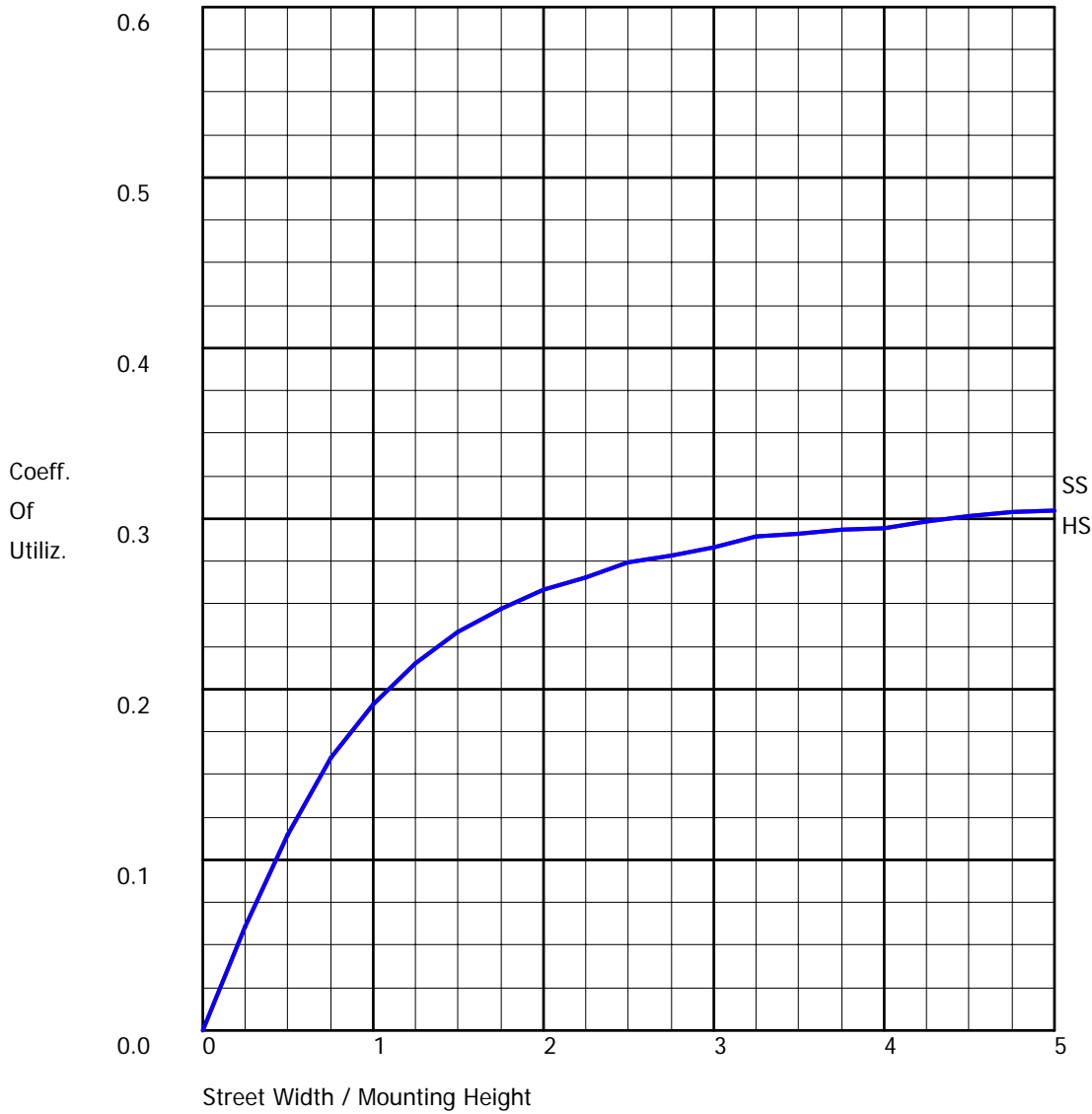
Vert. Angles	Horizontal Angles
	<u>0</u>
0	370
2.5	368.6
5	365.8
7.5	365.9
10	370.6
12.5	377.5
15	384.7
17.5	387.2
20	383.1
22.5	376.7
25	372.9
27.5	371.3
30	370.8
32.5	370
35	369
37.5	367.2
40	365.2
42.5	362.4
45	358.3
47.5	352.9
50	346.2
52.5	338.7
55	330
57.5	321.1
60	311.1
62.5	301.8
65	291.8
67.5	281.6
70	270.5
72.5	258.4
75	246.7
77.5	235.6
80	225.2
82.5	213.6
85	202.6
87.5	189.5
90	159.9
92.5	100.8
95	35.4
97.5	4.2
100	0
102.5	0
105	0
107.5	0
110	0
112.5	0
115	0
117.5	0
120	0
122.5	0
125	0
127.5	0
130	0

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CANDELA TABULATION - (Cont.)

132.5	0
135	0
137.5	0
140	0
142.5	0
145	0
147.5	0
150	0
152.5	0
155	0
157.5	0
160	0
162.5	0
165	0
167.5	0
170	0
172.5	0
175	0
177.5	0
180	0

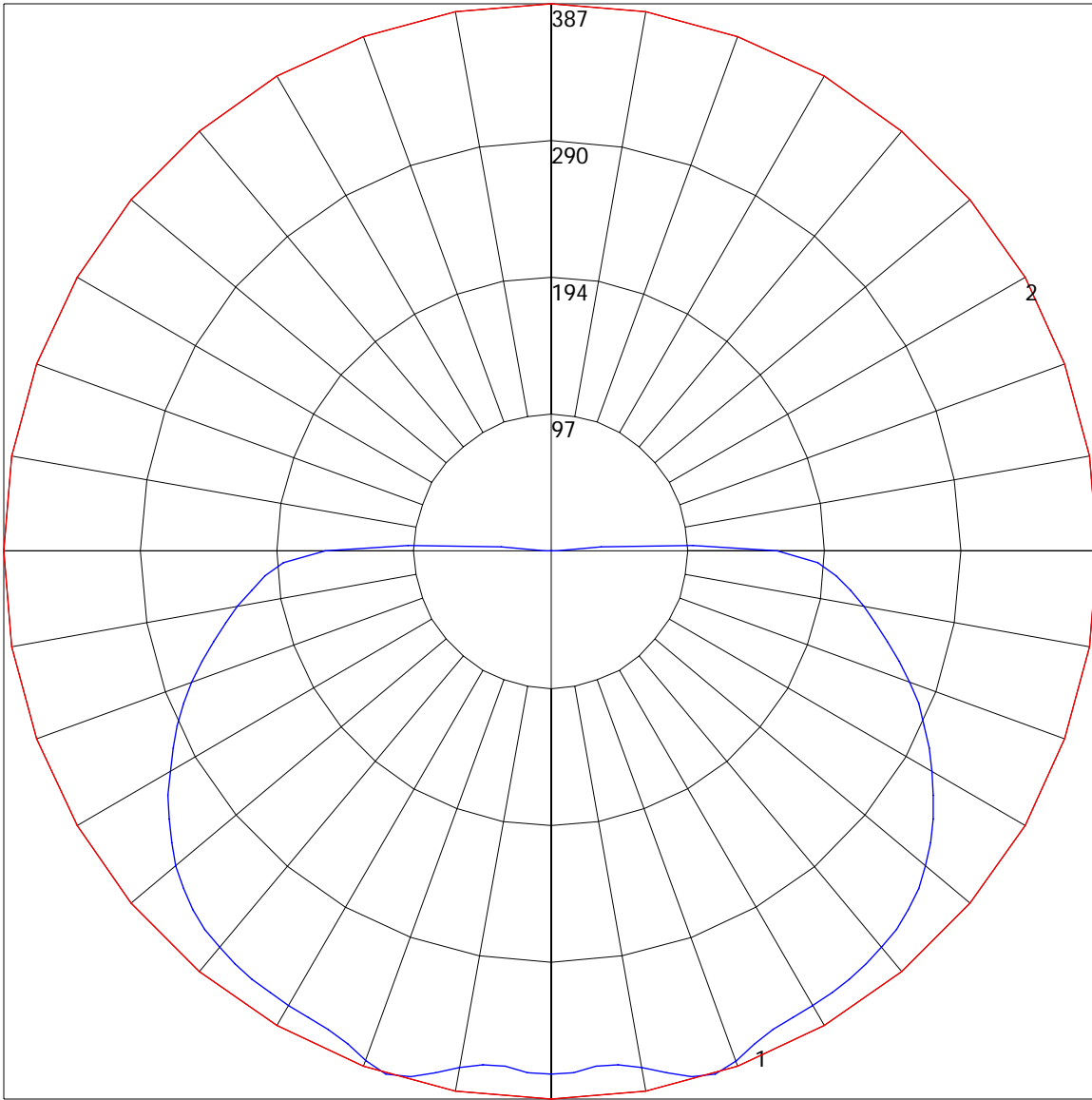
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	944.0	33.1
Downward House Side	944.0	33.1
Downward Total	1888.0	66.2
Upward Street Side	30.2	1.1
Upward House Side	30.2	1.1
Upward Total	60.4	2.1
Total Flux	1948.4	68.4

POLAR GRAPH



Maximum Candela = 387.2 Located At Horizontal Angle = 0, Vertical Angle = 17.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (17.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

