



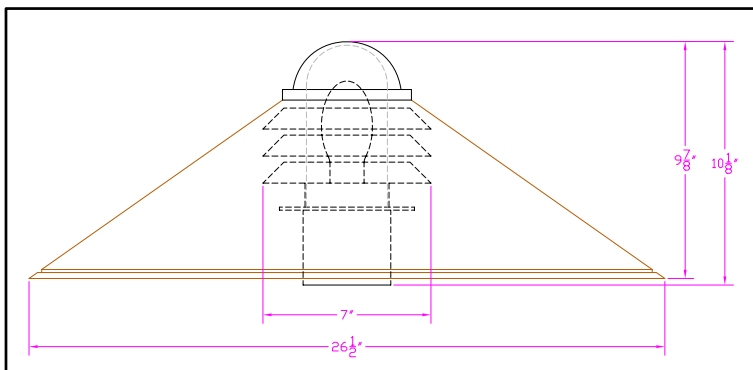
**IES ROAD REPORT
PHOTOMETRIC FILENAME : LLI030802A1.IES**

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 0308-02A1
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 3/10/2008
[MANUFAC] HI-LITE MFG
[LUMCAT] H-8992727-P-50MH
[LUMINAIRE] 26-1/2"DIA. X 10-1/8"H. OUTDOOR POST TOP
[MORE] FROSTED GLASS LENS
[MORE] SPECUAR LOUVERS
[LAMPPOSITION] 0,180
[LAMPCAT] SYLVANIA MP50/U/MED
[_LAMPLUM] 3450
[_INPUT] 120VAC, 64.55W
[_CONVERT] THIS FILE IS GENERATED FROM LLI0302-02A.IES

CHARACTERISTICS

IES Classification	Type V
Longitudinal Classification	Short
Cutoff Classification	Full Cutoff
Total Rated Lamp Lumens	3450
Maximum Candela	243
Maximum Candela Angle	0H 45V
Maximum Candela At 90 Degrees Vertical	0 (0.00% Lamp Lms)
Maximum Candela At 80 Degrees Vertical	8 (0.23% Lamp Lms)
Downward Total Efficiency	24.0%



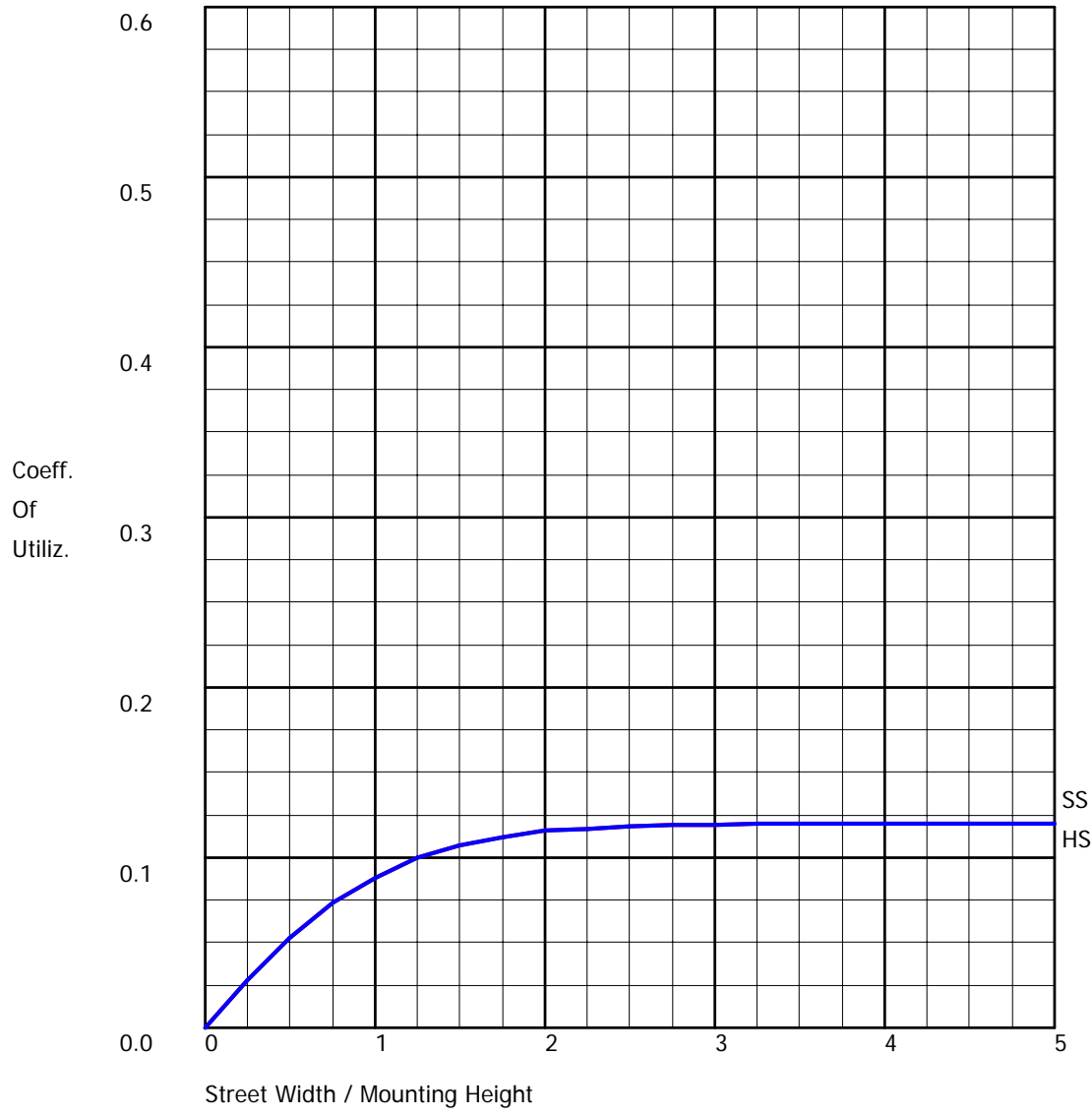
NOTE: ALL TESTS ASSUME BALLAST FACTOR (BF) = 1.0 UNLESS STATED.
IF TEST OR OTHER BALLAST USED HAS A BF OTHER THAN 1.0, ALL
LUMEN, CANDELA, AND LUMINANCE VALUES SHOULD BE MULTIPLIED BY
THE BF, CU, EFFICIENCY AND % FLUX VALUES REMAIN AS LISTED.
TOTAL WATTS VALUE APPLIES ONLY TO TESTED BALLAST.

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CANDELA TABULATION

Vert. Angles	Horizontal Angles
	<u>0</u>
0	186
5	211
15	234
25	190
35	211
45	243
55	226
60	185
62.5	157
65	119
67.5	79
70	48
72.5	23
75	14
77.5	11
80	8
82.5	6
85	5
87.5	4
90	0

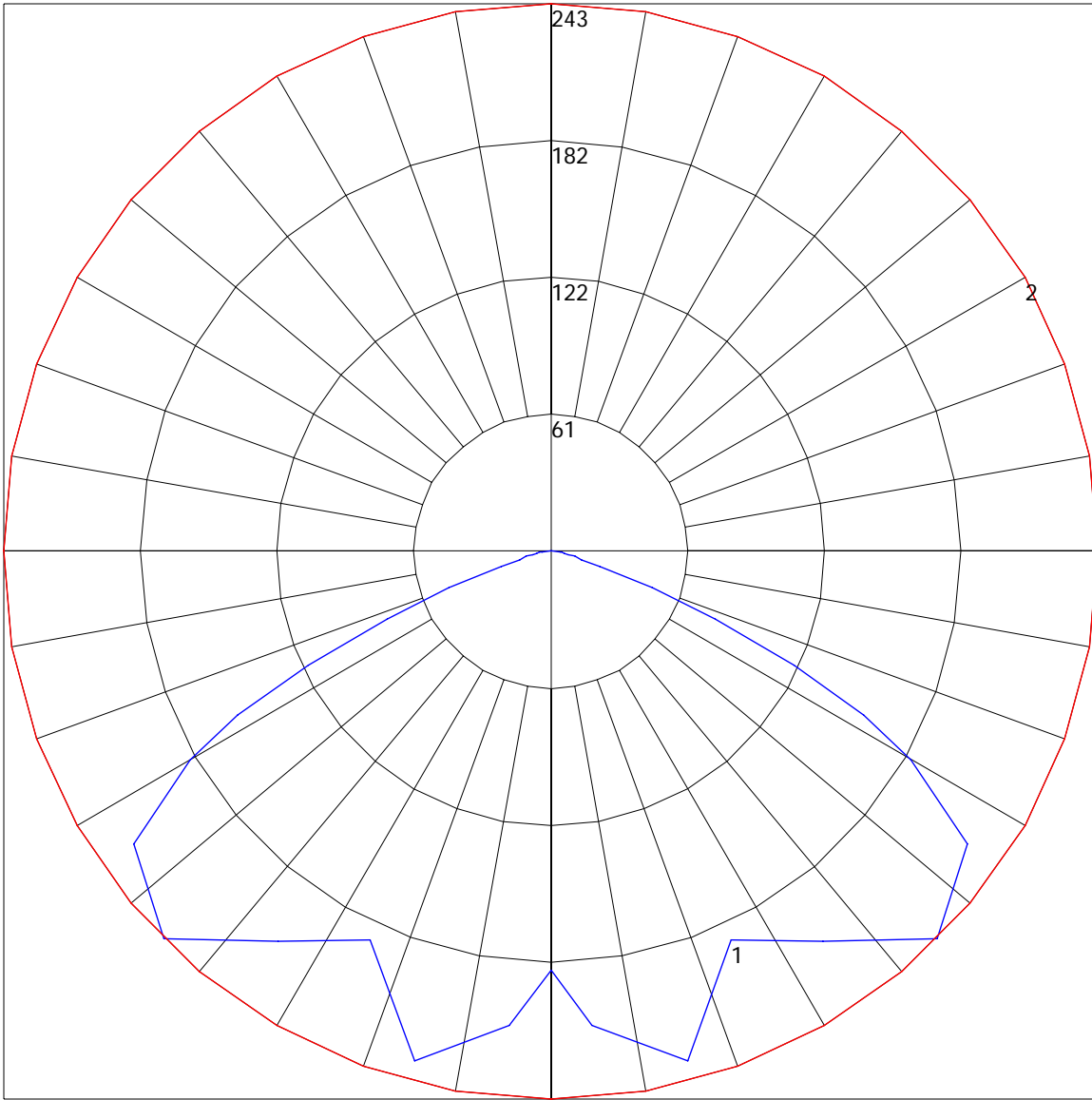
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

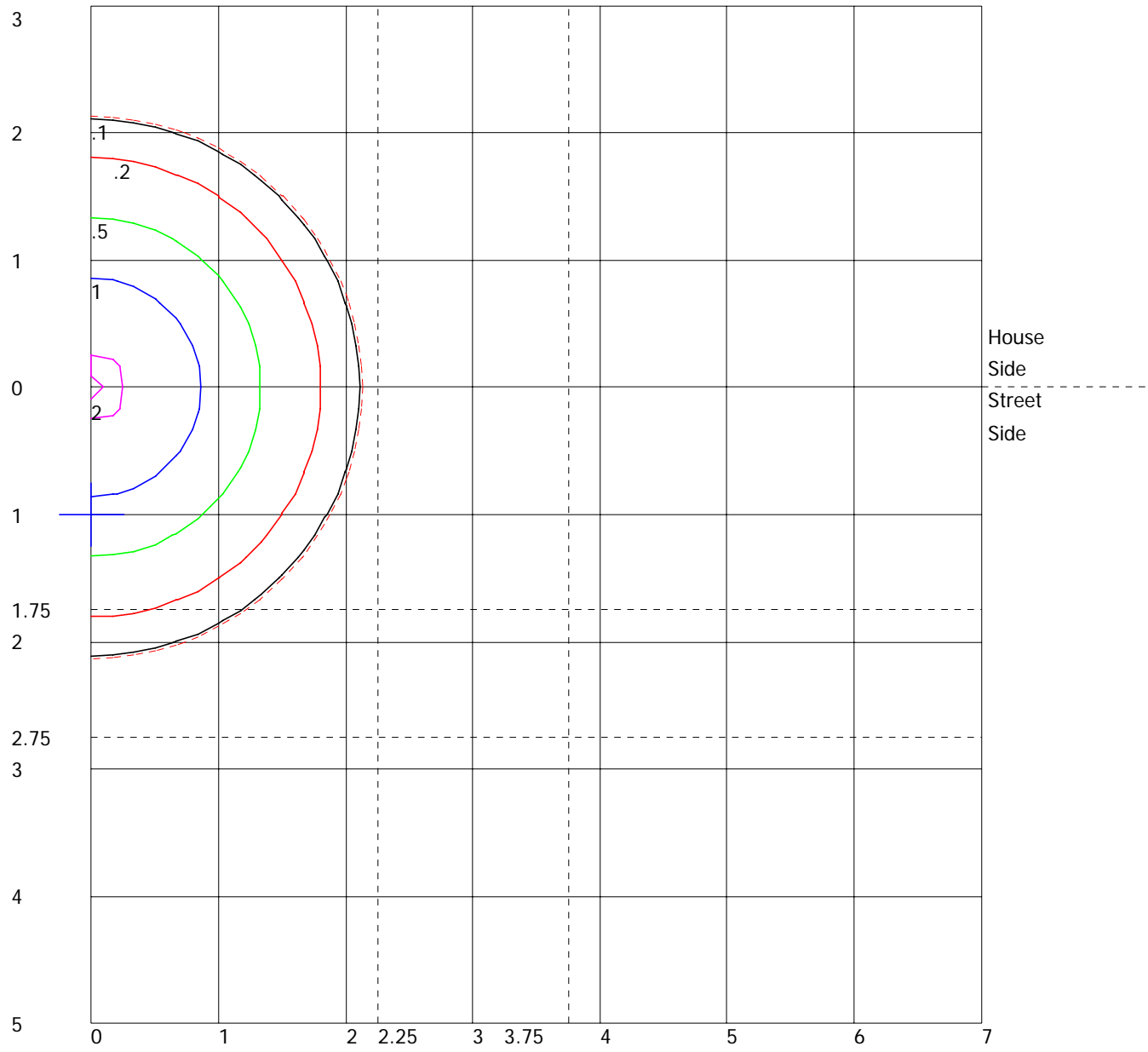
	Lumens	Percent Of Lamp
Downward Street Side	414.5	12.0
Downward House Side	414.5	12.0
Downward Total	829.0	24.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	829.0	24.0

POLAR GRAPH



Maximum Candela = 243 Located At Horizontal Angle = 0, Vertical Angle = 45
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.) : RED

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point