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IES ROAD REPORT
PHOTOMETRIC FILENAME : AC-100WMH.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[DATE]08/02/00
[TEST]ITL50277
[MANUFAC]BRANDON INDUSTRIES, INC.
[LUMCAT]AC
[LUMINAIRE]CAST BLACK PAINTED METAL POST TOP FITTER, SPUN SEMI-SPECULAR
[MORE]CYLINDRICAL METAL BALLAST HOUSING, CLEAR TEXTURED POLYCARBONATE
[MORE]ACORN GLOBE DIFFUSER.
[LAMP]ONE 100-WATT PHOSPHOR COATED ED-17 METAL HALIDE, VERTICAL BASE-DOWN
[MORE]POSITION.

CHARACTERISTICS

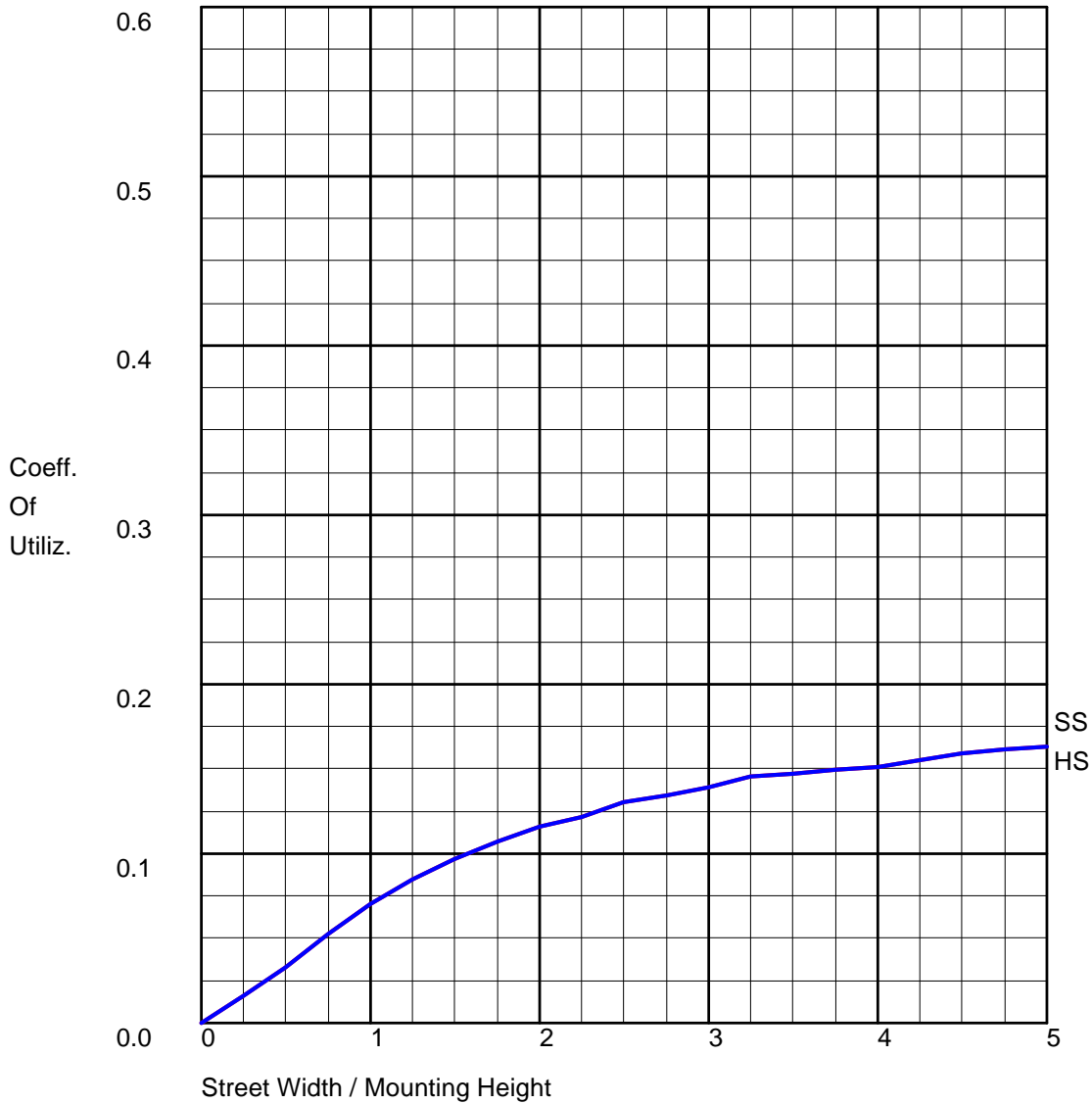
IES Classification	Type V
Longitudinal Classification	Long
Cutoff Classification	Non-Cutoff
Total Rated Lamp Lumens	9000
Maximum Candela	874
Maximum Candela Angle	0H 87.5V
Maximum Candela At 90 Degrees Vertical	870 (9.67% Lamp Lms)
Maximum Candela At 80 Degrees Vertical	874 (9.71% Lamp Lms)
Downward Total Efficiency	39.9%

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CANDELA TABULATION

Vert. Angles	Horizontal Angles
	<u>0</u>
0	23
2.5	23
5	22
7.5	24
10	34
12.5	40
15	43
17.5	48
20	54
22.5	72
25	110
27.5	156
30	205
32.5	252
35	299
37.5	347
40	393
42.5	435
45	471
47.5	501
50	530
52.5	556
55	581
57.5	606
60	631
62.5	657
65	684
67.5	709
70	733
72.5	759
75	783
77.5	809
80	832
82.5	853
85	869
87.5	874
90	870
95	855
105	806
115	737
125	665
135	596
145	531
155	453
165	289
175	188
180	197

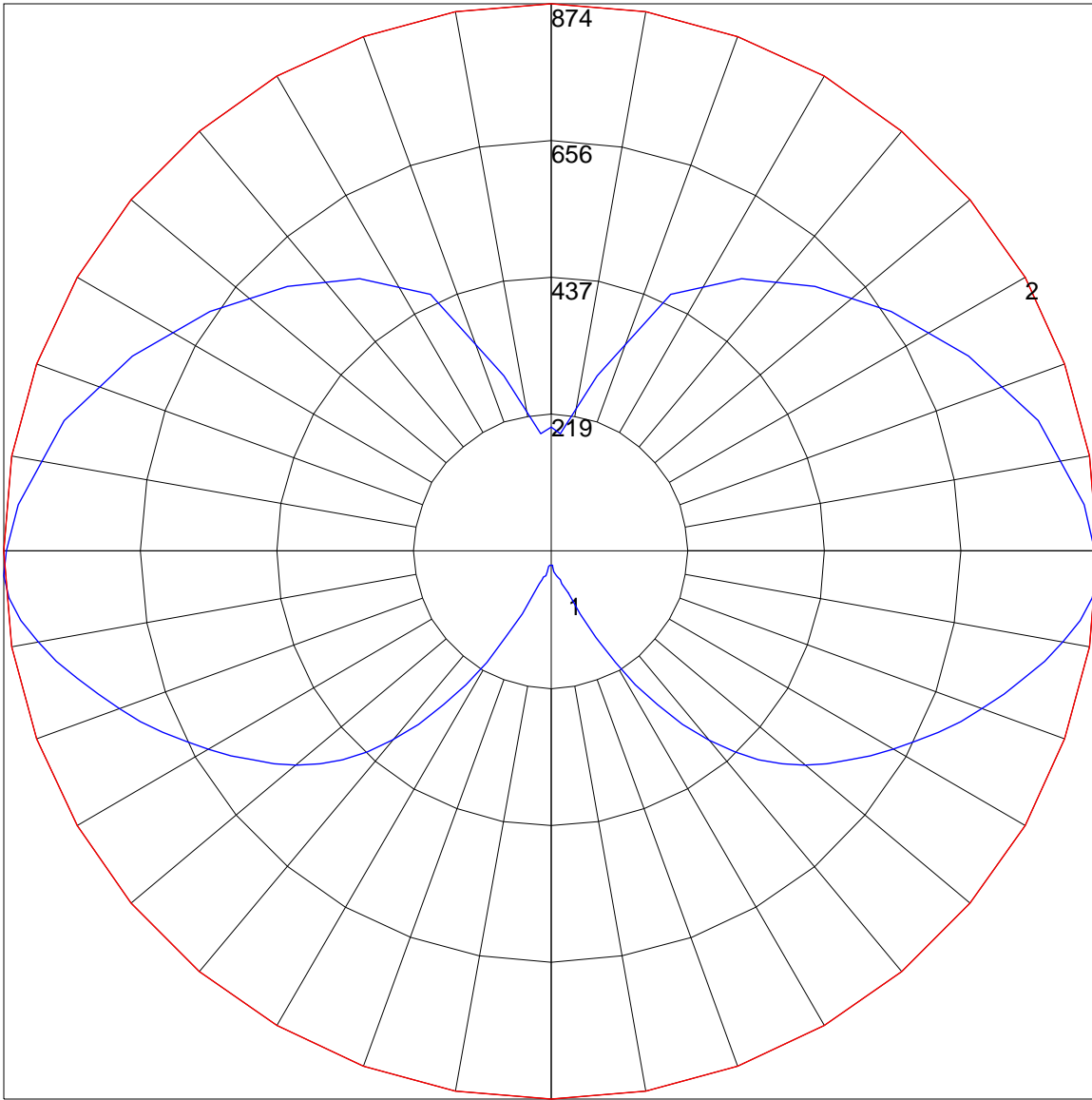
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

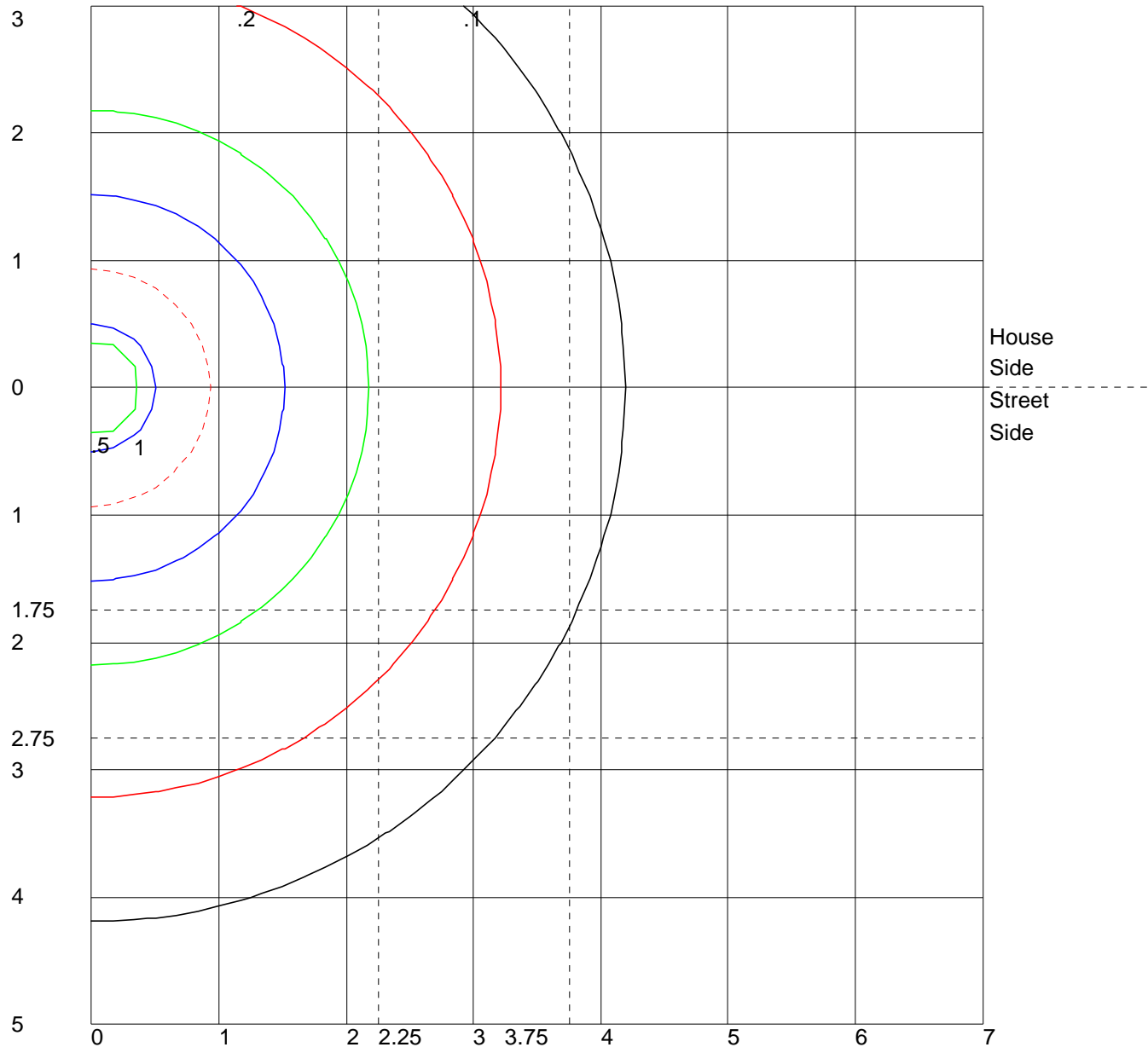
	Lumens	Percent Of Lamp
Downward Street Side	1797.4	20.0
Downward House Side	1797.4	20.0
Downward Total	3594.8	39.9
Upward Street Side	2105.5	23.4
Upward House Side	2105.5	23.4
Upward Total	4211.0	46.8
Total Flux	7805.8	86.7

POLAR GRAPH



Maximum Candela = 874 Located At Horizontal Angle = 0, Vertical Angle = 87.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (87.5) (Through Max. Cd.)

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