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IES ROAD REPORT
PHOTOMETRIC FILENAME : AF-250WMH.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[DATE]08/03/00
[TEST]ITL50278
[MANUFAC]BRANDON INDUSTRIES, INC.
[LUMCAT]AF
[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 250-WATT PHOSPHOR COATED E-28 METAL HALIDE, VERTICAL BASE-DOWN
[MORE]POSITION.

CHARACTERISTICS

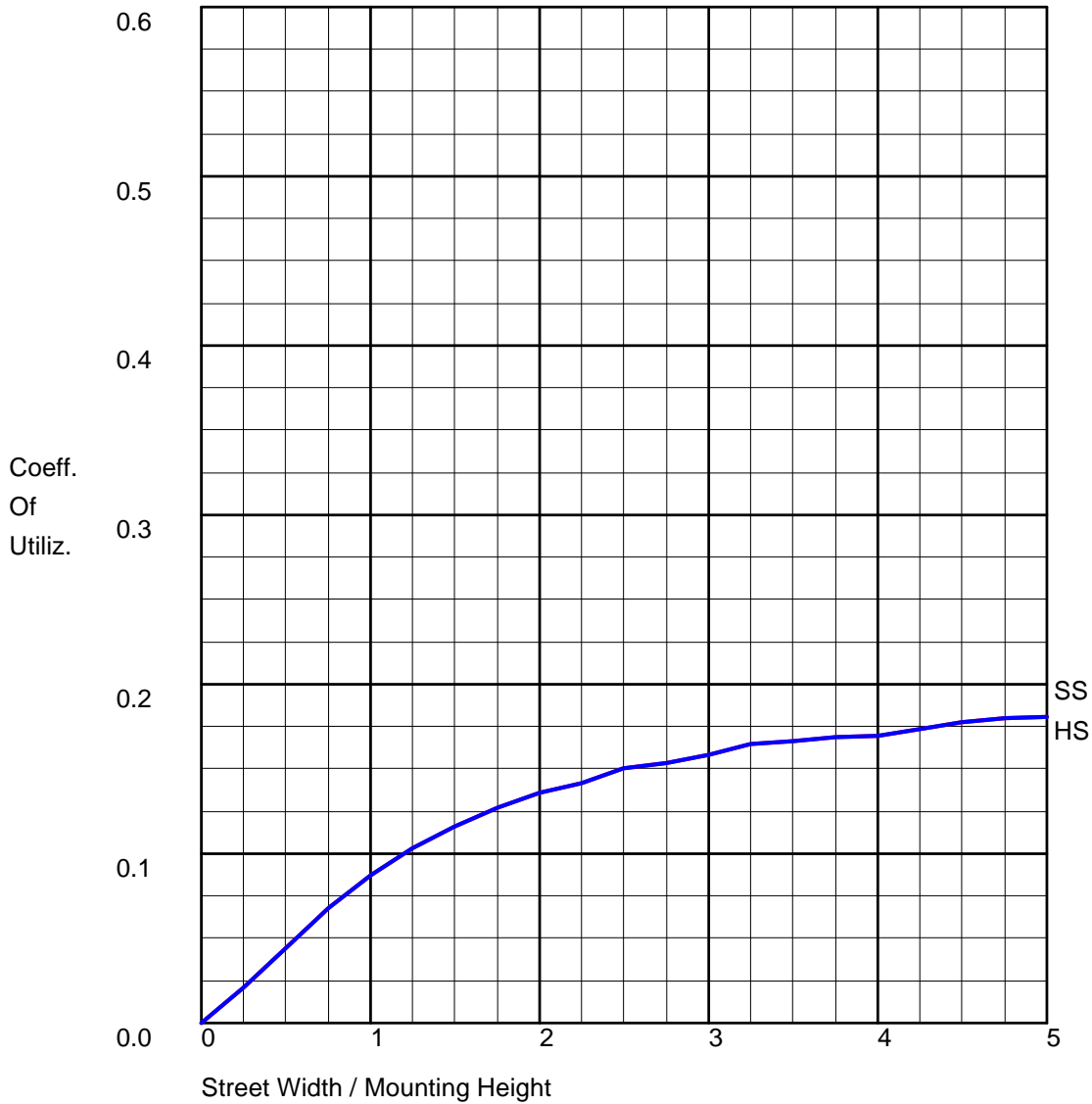
IES Classification	Type V
Longitudinal Classification	Long
Cutoff Classification	Non-Cutoff
Total Rated Lamp Lumens	20500
Maximum Candela	1725
Maximum Candela Angle	0H 77.5V
Maximum Candela At 90 Degrees Vertical	1679 (8.19% Lamp Lms)
Maximum Candela At 80 Degrees Vertical	1725 (8.41% Lamp Lms)
Downward Total Efficiency	42.6%

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CANDELA TABULATION

Vert. Angles	Horizontal Angles
	<u>0</u>
0	112
2.5	82
5	91
7.5	127
10	183
12.5	247
15	333
17.5	440
20	540
22.5	632
25	724
27.5	806
30	873
32.5	943
35	1010
37.5	1078
40	1138
42.5	1201
45	1262
47.5	1323
50	1382
52.5	1436
55	1491
57.5	1539
60	1586
62.5	1627
65	1657
67.5	1682
70	1698
72.5	1712
75	1722
77.5	1725
80	1725
82.5	1720
85	1709
87.5	1695
90	1679
95	1648
105	1627
115	1627
125	1468
135	1303
145	1075
155	831
165	570
175	410
180	397

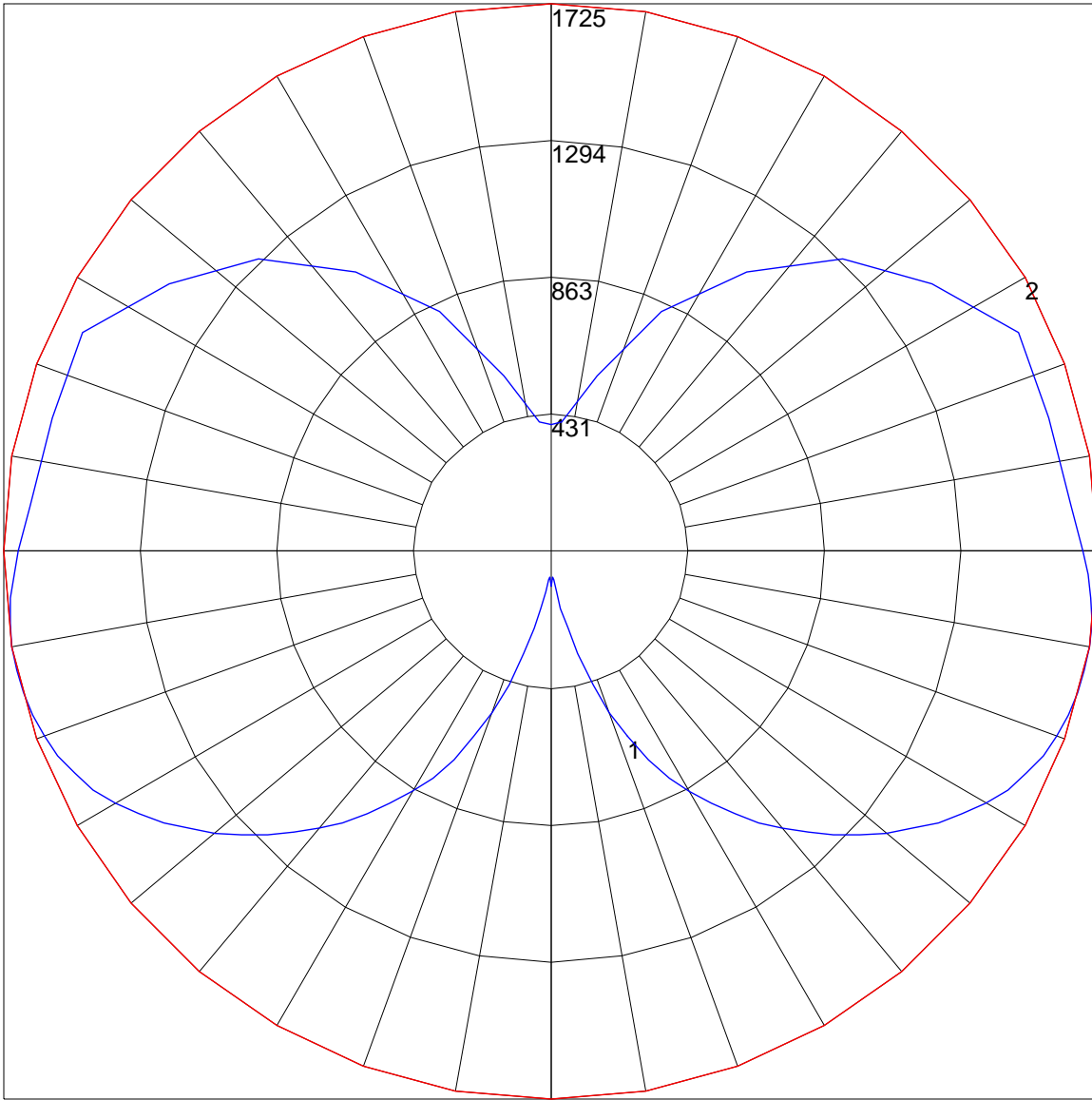
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

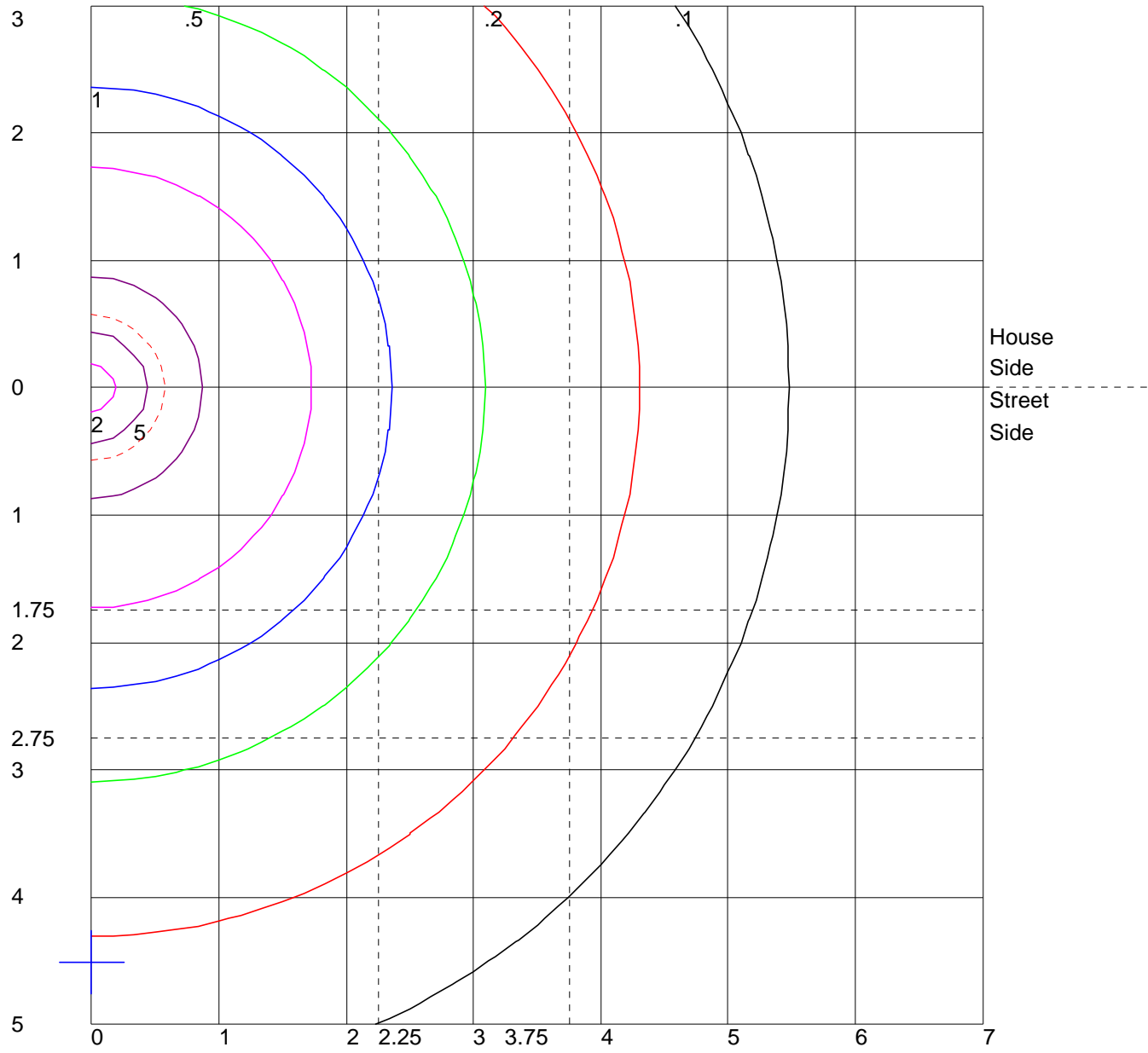
	Lumens	Percent Of Lamp
Downward Street Side	4362.1	21.3
Downward House Side	4362.1	21.3
Downward Total	8724.2	42.6
Upward Street Side	4353.0	21.2
Upward House Side	4353.0	21.2
Upward Total	8706.0	42.5
Total Flux	17430.2	85.0

POLAR GRAPH



Maximum Candela = 1725 Located At Horizontal Angle = 0, Vertical Angle = 77.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (77.5) (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