

IES ROAD REPORT
PHOTOMETRIC FILENAME : MXW11-26CF.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
 [TEST] Photopia 2.0.0.14 PHOTOMETRIC REPORT
 [MANUFAC] TMS LIGHTING
 [LUMINAIRE] MAXXIMUS WALL LUMINAIRE
 [MORE] 11" DIA. ALUMINUM REFLECTOR
 [MORE] WHITE FINISH ON INNER SURFACE
 [MORE] G11 CLEAR GLASS GLOBE AND CAST GUARD
 [LUMCAT] MXW11-26CF
 [LAMP] 26W CFL

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	1800 (1 lamp)
Total Lamp Lumens	1800
Luminaire Lumens	1337
Total Luminaire Efficiency	74 %
Downward Total Efficiency	74 %
Upward Waste Light Ratio	0.00
Maximum Candela	359.867
Maximum Candela Angle	22.5H 5V
Maximum Candela (<90 Degrees Vertical)	359.867
Maximum Candela Angle (<90 Degrees Vertical)	22.5H 5V
Maximum Candela At 90 Degrees Vertical	8.446 (0.5% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	76.378 (4.2% Lamp Lumens)
Total Luminaire Watts	29
Ballast Factor	1.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

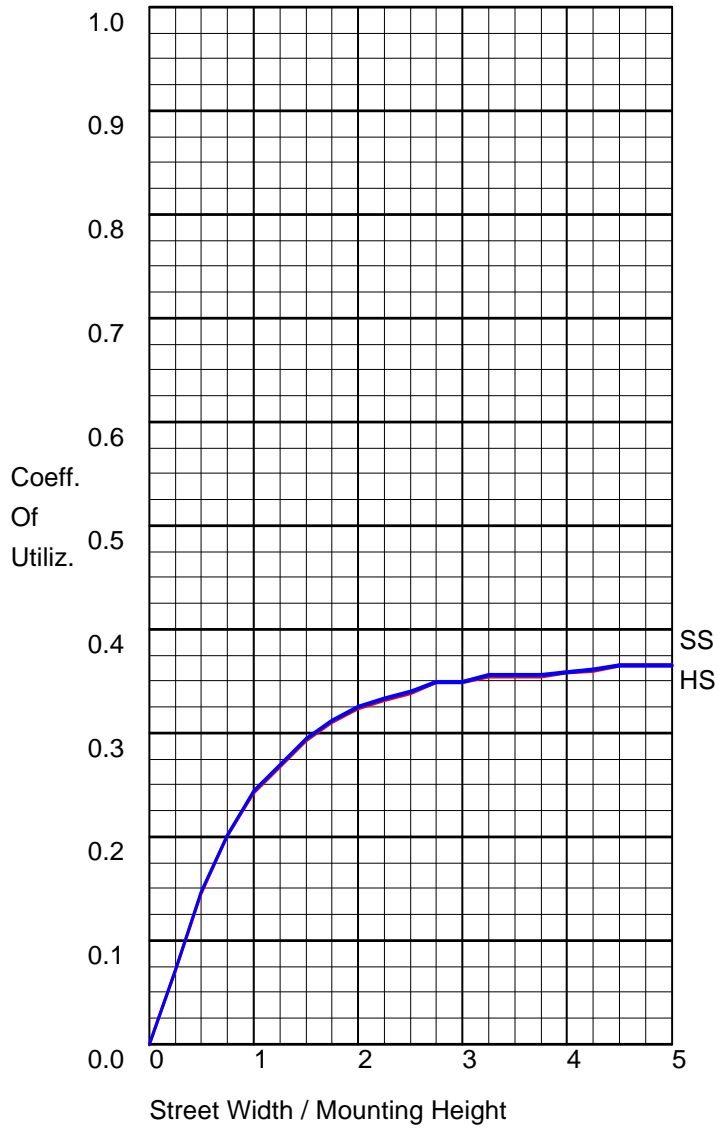
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	138.2	7.7	10.3
FM - Front-Medium (30-60)	329.8	18.3	24.7
FH - Front-High (60-80)	179.9	10.0	13.5
FVH - Front-Very High (80-90)	19.4	1.1	1.5
BL - Back-Low (0-30)	138.5	7.7	10.4
BM - Back-Medium (30-60)	331.0	18.4	24.8
BH - Back-High (60-80)	179.4	10.0	13.4
BVH - Back-Very High (80-90)	18.7	1.0	1.4
UL - Uplight-Low (90-100)	1.9	0.1	0.1
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	1336.8	74.3	100.0
BUG Rating	B1-U1-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles								
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0	312.012	312.012	312.012	312.012	312.012	312.012	312.012	312.012	312.012
5	320.684	359.867	338.526	342.814	334.217	343.904	351.238	318.481	318.017
10	342.986	346.594	354.596	341.917	321.430	345.028	324.367	350.568	352.879
15	346.183	342.824	327.434	339.163	330.988	333.968	320.663	334.130	349.207
20	330.005	329.152	324.292	328.936	318.384	328.493	328.838	334.498	338.094
25	324.216	333.688	322.952	320.306	324.778	326.549	329.368	334.854	324.972
30	325.717	316.894	308.124	305.510	303.372	318.913	318.643	319.810	315.544
35	315.662	303.340	305.867	310.100	304.290	308.956	302.778	308.588	314.064
40	298.685	298.793	301.136	293.954	298.523	294.602	300.629	298.166	302.303
45	295.142	294.170	281.923	289.818	289.202	298.868	290.336	296.114	301.806
50	284.504	276.026	280.055	284.515	281.340	284.634	279.547	286.924	280.919
55	284.278	276.350	270.918	273.650	281.092	272.797	271.804	266.263	277.744
60	255.139	257.904	250.700	251.003	255.042	256.241	251.888	250.636	250.225
65	231.044	233.680	224.446	226.282	229.705	231.163	225.310	224.705	236.444
70	194.746	185.436	189.756	186.073	190.987	184.874	189.108	187.888	185.609
75	130.410	129.330	124.222	127.300	128.239	129.859	129.784	127.483	130.810
80	76.378	76.345	75.859	73.764	73.580	73.127	72.166	67.856	70.459
85	31.752	28.285	31.028	29.182	31.936	30.391	29.570	27.799	30.964
90	6.491	7.528	7.538	7.484	6.210	6.253	5.098	8.446	7.538
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

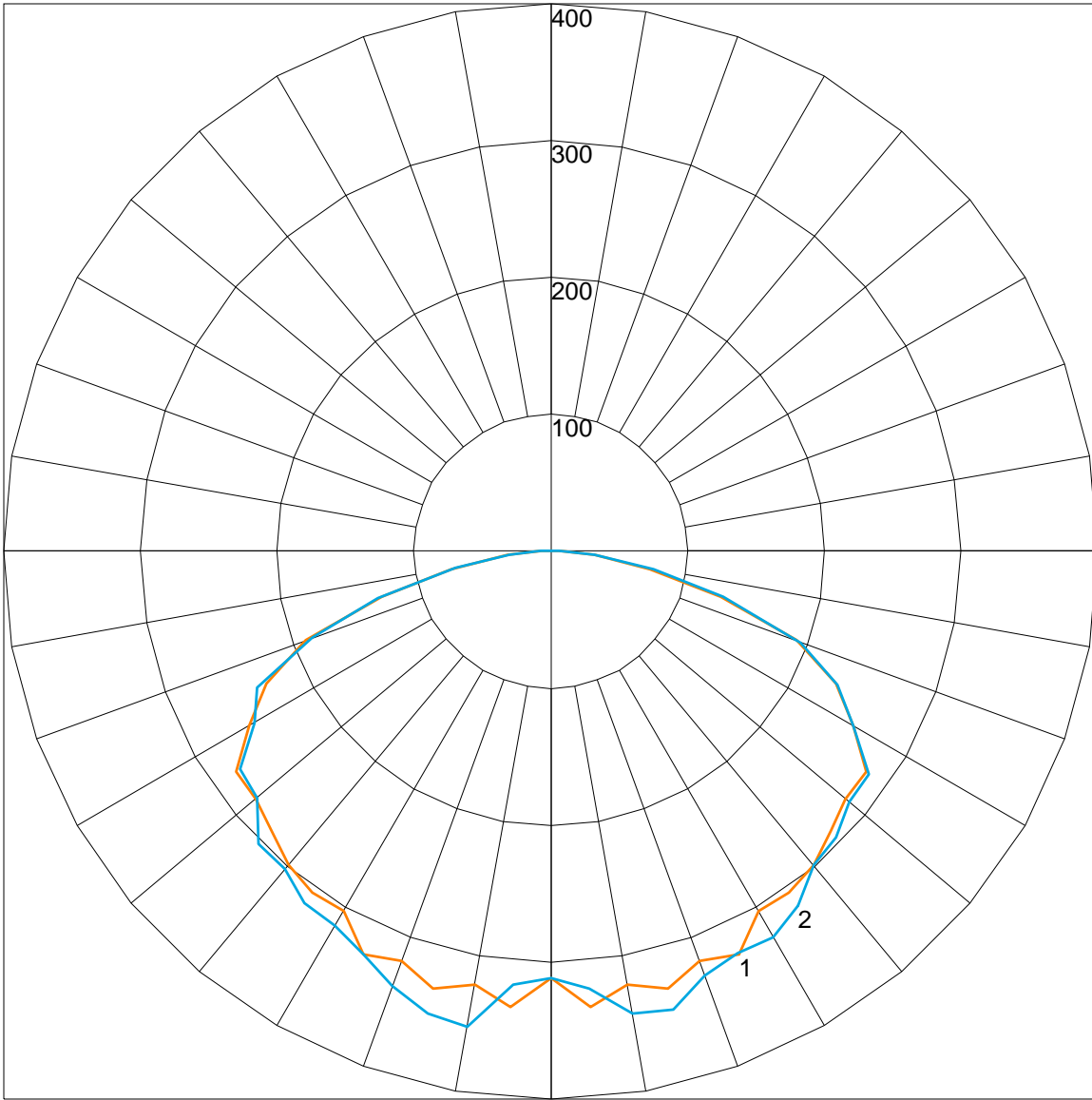
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

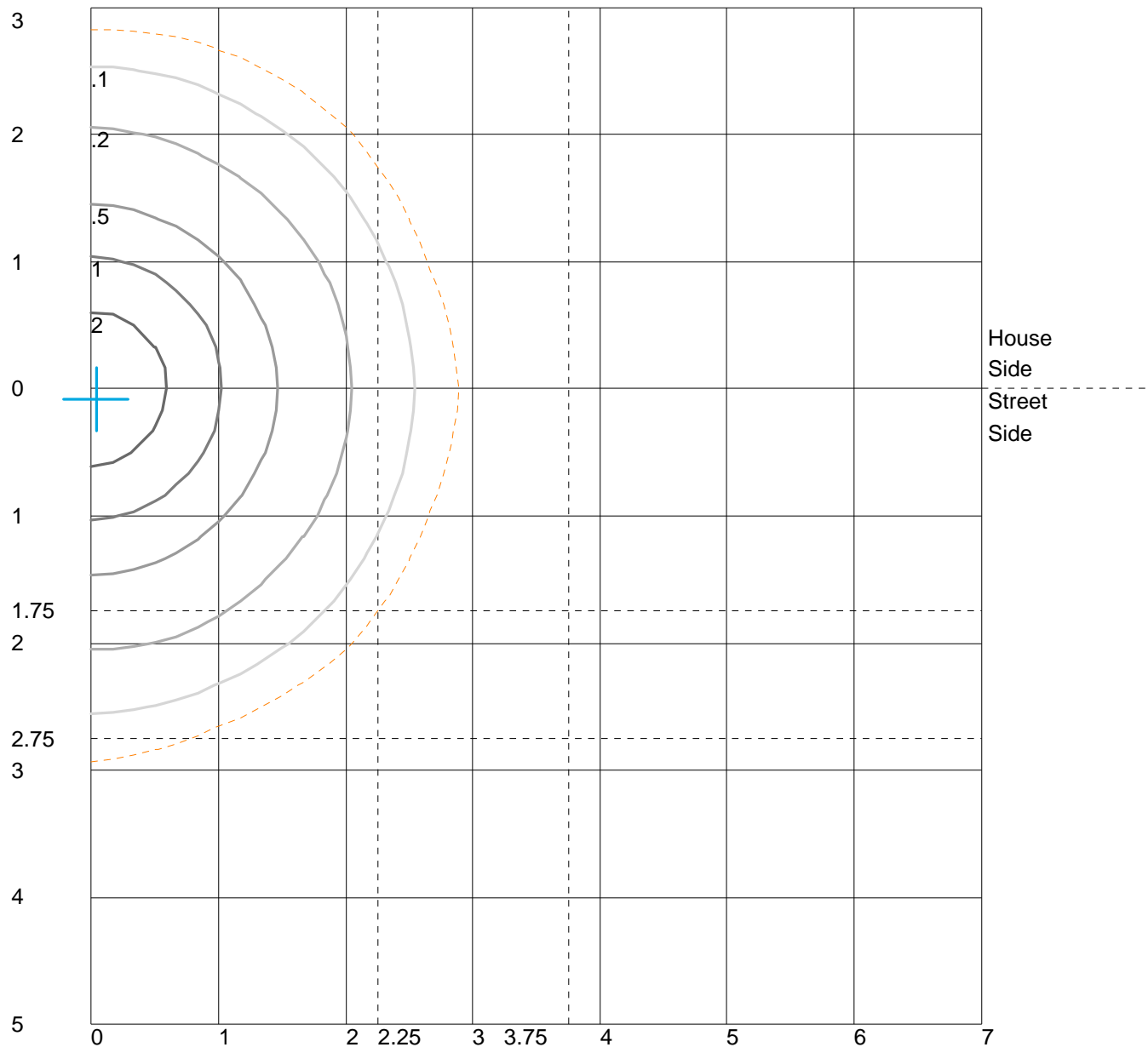
	Lumens	Percent Of Lamp
Downward Street Side	667.3	37.1
Downward House Side	667.7	37.1
Downward Total	1335.0	74.2
Upward Street Side	1.0	0.1
Upward House Side	0.9	0.1
Upward Total	1.9	0.1
Total Flux	1336.9	74.3

POLAR GRAPH



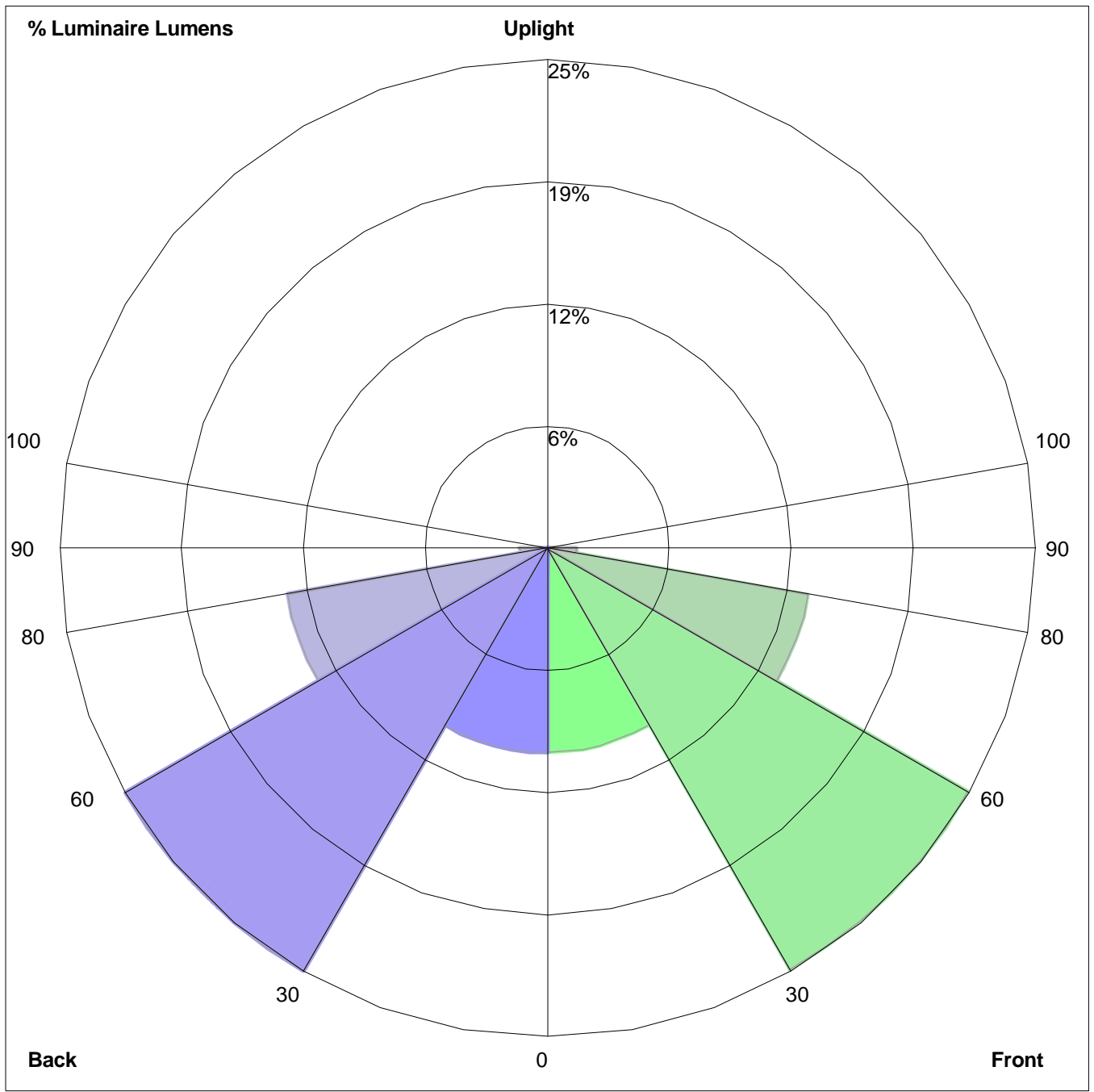
Maximum Candela = 359.867 Located At Horizontal Angle = 22.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)

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

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Percent Luminaire Lumens:
 Front: Low=10.3%, Medium=24.7%, High=13.5%, Very High=1.5%
 Back: Low=10.4%, Medium=24.8%, High=13.4%, Very High=1.4%
 Uplight: Low=0.1%, High=0.0%

BUG Rating : B1-U1-G1