

IES ROAD REPORT
PHOTOMETRIC FILENAME : MXW11-32CF.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] MXW11-32CF
 [LAMP] 32W CFL

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	2400 (1 lamp)
Total Lamp Lumens	2400
Luminaire Lumens	1783
Total Luminaire Efficiency	74 %
Downward Total Efficiency	74 %
Upward Waste Light Ratio	0.00
Maximum Candela	479.823
Maximum Candela Angle	22.5H 5V
Maximum Candela (<90 Degrees Vertical)	479.823
Maximum Candela Angle (<90 Degrees Vertical)	22.5H 5V
Maximum Candela At 90 Degrees Vertical	11.261 (0.5% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	101.837 (4.2% Lamp Lumens)
Total Luminaire Watts	36
Ballast Factor	1.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

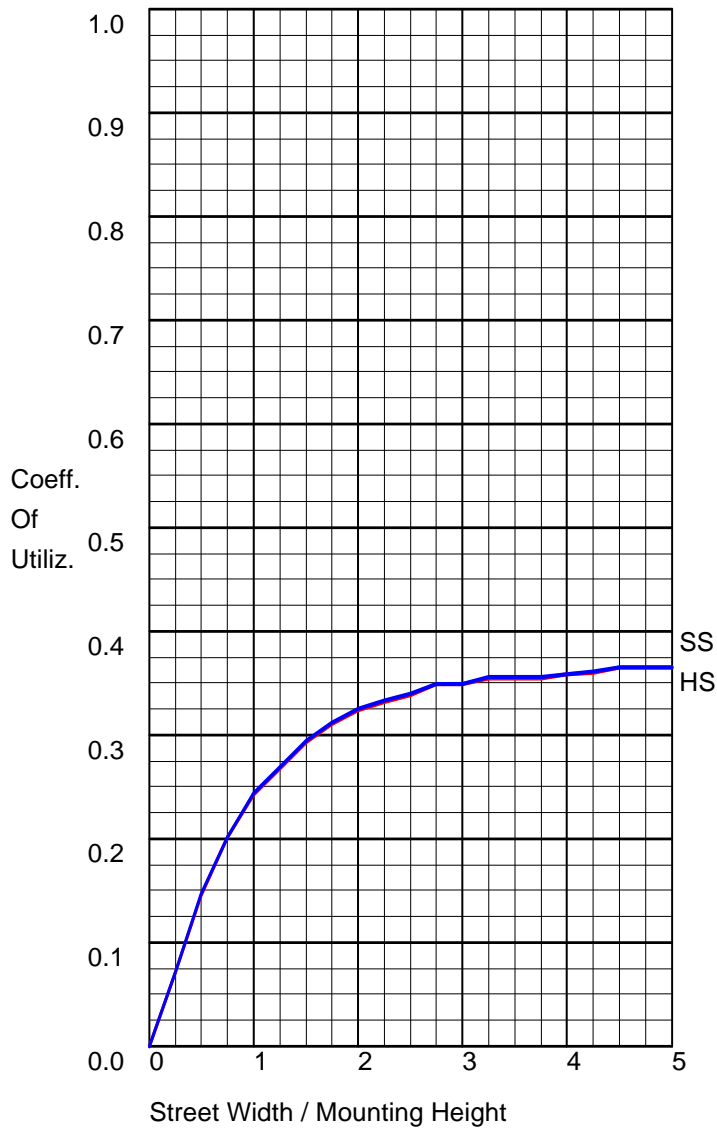
	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	184.3	7.7	10.3
FM - Front-Medium (30-60)	439.8	18.3	24.7
FH - Front-High (60-80)	239.9	10.0	13.5
FVH - Front-Very High (80-90)	25.9	1.1	1.5
BL - Back-Low (0-30)	184.7	7.7	10.4
BM - Back-Medium (30-60)	441.3	18.4	24.8
BH - Back-High (60-80)	239.2	10.0	13.4
BVH - Back-Very High (80-90)	25.0	1.0	1.4
UL - Uplight-Low (90-100)	2.5	0.1	0.1
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	1782.6	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	416.016	416.016	416.016	416.016	416.016	416.016	416.016	416.016	416.016
5	427.579	479.823	451.368	457.085	445.623	458.539	468.317	424.641	424.023
10	457.315	462.125	472.795	455.889	428.573	460.037	432.489	467.424	470.505
15	461.577	457.099	436.579	452.217	441.317	445.291	427.551	445.507	465.609
20	440.007	438.869	432.389	438.581	424.512	437.991	438.451	445.997	450.792
25	432.288	444.917	430.603	427.075	433.037	435.399	439.157	446.472	433.296
30	434.289	422.525	410.832	407.347	404.496	425.217	424.857	426.413	420.725
35	420.883	404.453	407.823	413.467	405.720	411.941	403.704	411.451	418.752
40	398.247	398.391	401.515	391.939	398.031	392.803	400.839	397.555	403.071
45	393.523	392.227	375.897	386.424	385.603	398.491	387.115	394.819	402.408
50	379.339	368.035	373.407	379.353	375.120	379.512	372.729	382.565	374.559
55	379.037	368.467	361.224	364.867	374.789	363.729	362.405	355.017	370.325
60	340.185	343.872	334.267	334.671	340.056	341.655	335.851	334.181	333.633
65	308.059	311.573	299.261	301.709	306.273	308.217	300.413	299.607	315.259
70	259.661	247.248	253.008	248.097	254.649	246.499	252.144	250.517	247.479
75	173.880	172.440	165.629	169.733	170.985	173.145	173.045	169.977	174.413
80	101.837	101.793	101.145	98.352	98.107	97.503	96.221	90.475	93.945
85	42.336	37.713	41.371	38.909	42.581	40.521	39.427	37.065	41.285
90	8.655	10.037	10.051	9.979	8.280	8.337	6.797	11.261	10.051
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

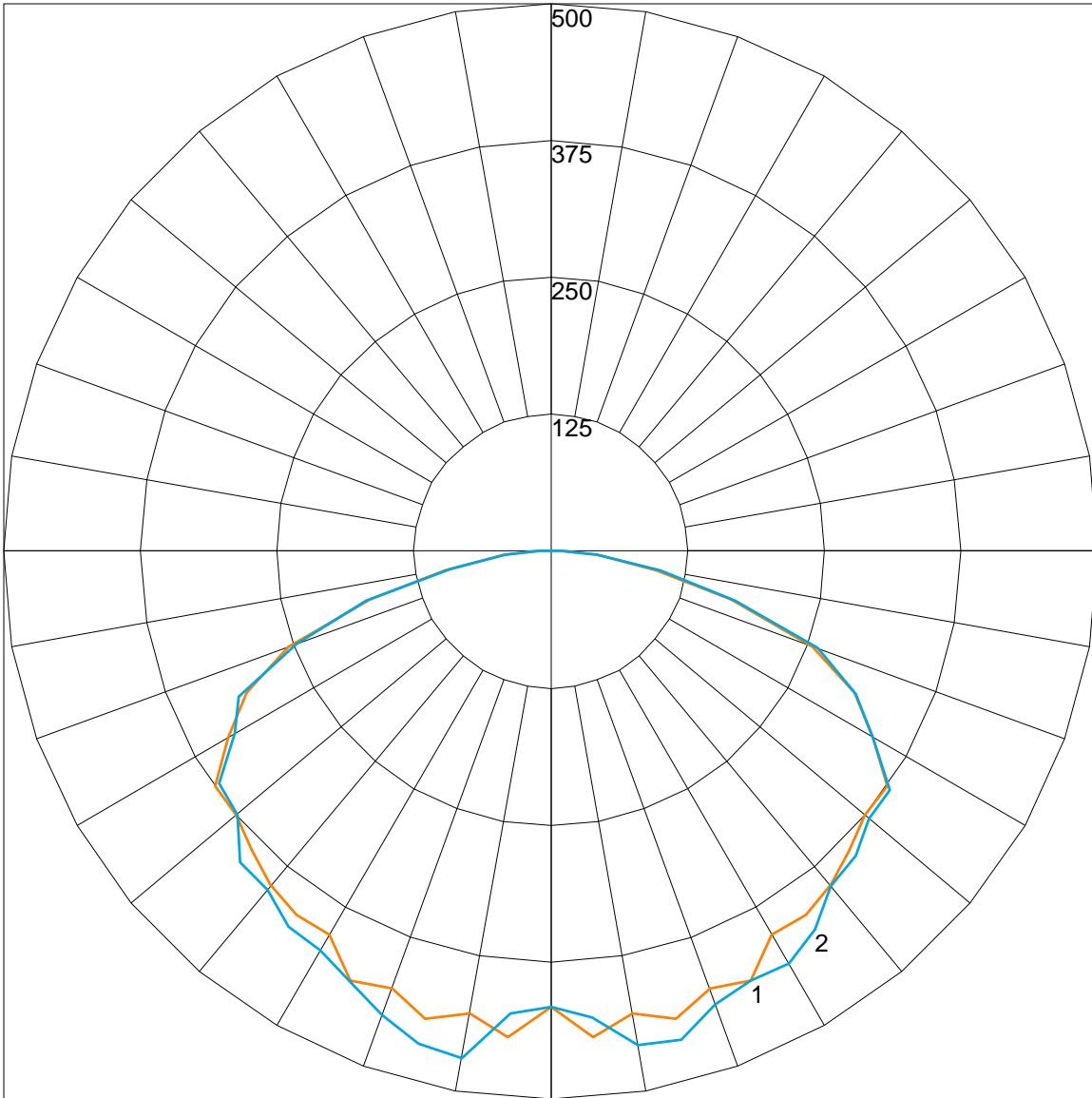
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

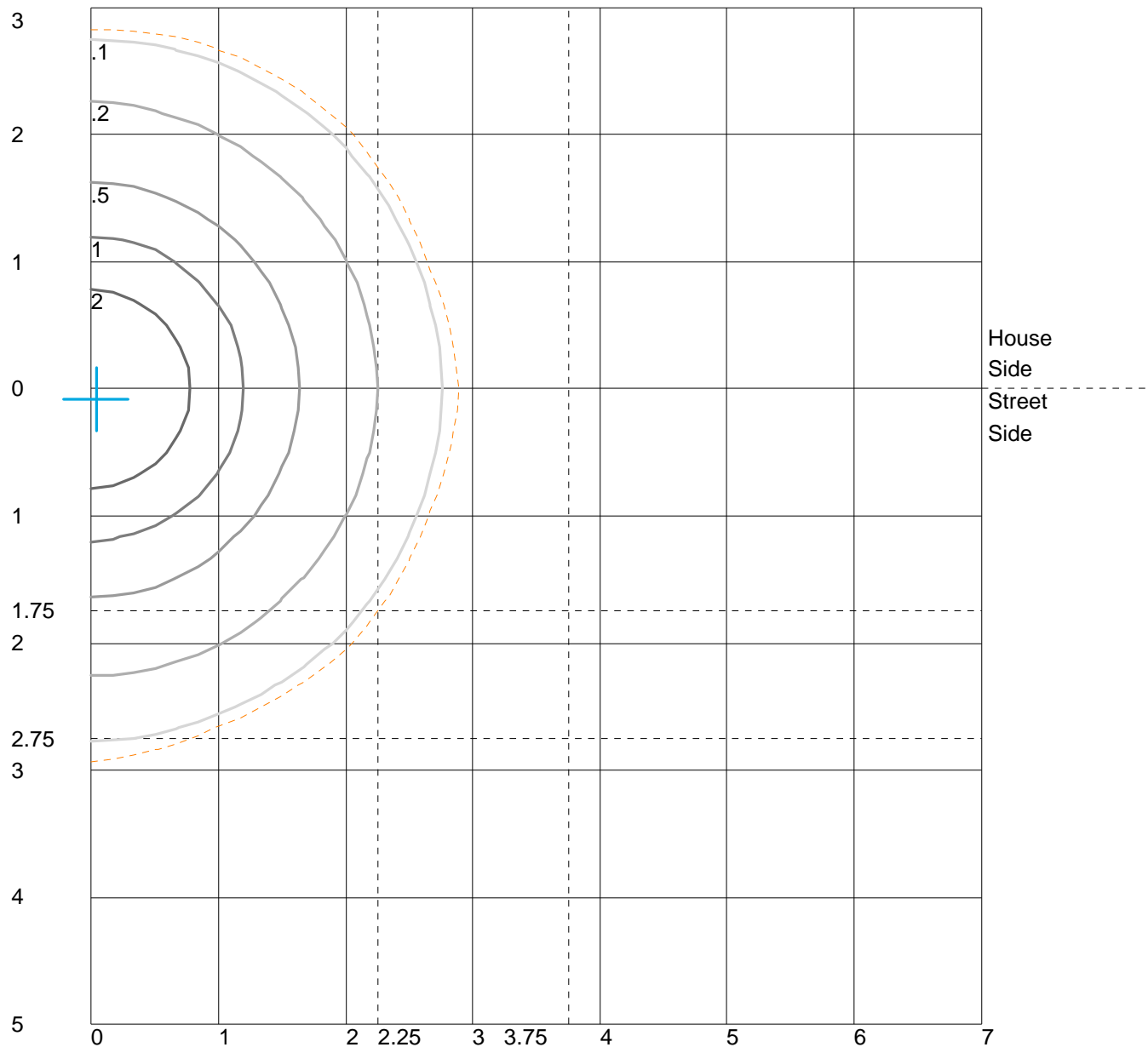
	Lumens	Percent Of Lamp
Downward Street Side	889.8	37.1
Downward House Side	890.2	37.1
Downward Total	1780.0	74.2
Upward Street Side	1.3	0.1
Upward House Side	1.2	0.1
Upward Total	2.5	0.1
Total Flux	1782.5	74.3

POLAR GRAPH



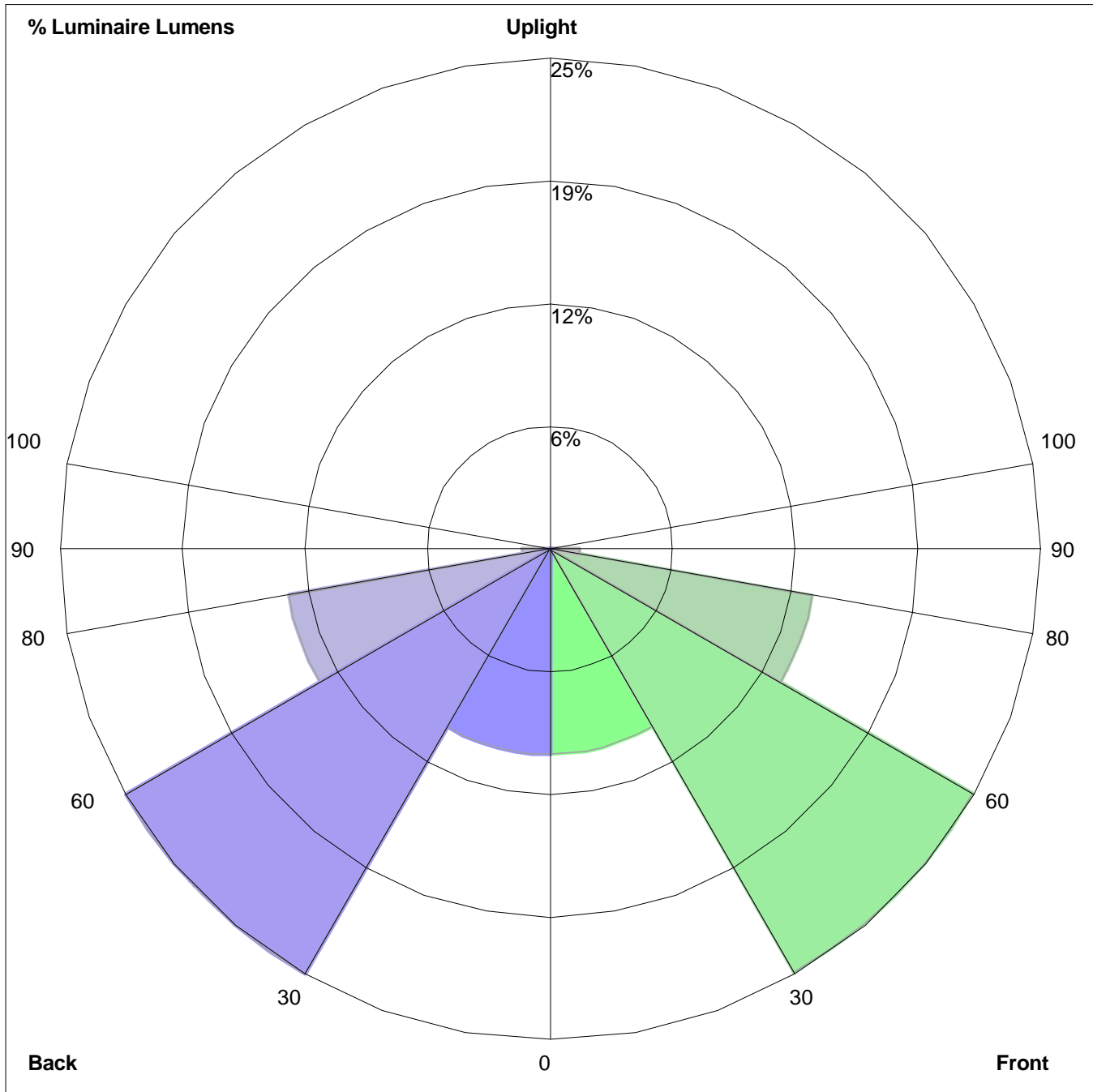
Maximum Candela = 479.823 Located At Horizontal Angle = 22.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)

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