

IES REPORT

Wedge | Slope | 707

Slope | Asymmetric, White/Black | 90 CRI | Low Output

707-WE-SL-4-48-XX-XX-XX-XX-X-X-Z-LO-XX-RA-X-WH/BL-X

Reporting by Color Temperature	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	87	90	92	93
Total Lumens, 4' rail length (1219mm)	1289	1330	1357	1371
Lumens per foot (305mm)	322	332	339	343
Input Power (W), 4' rail length (1219mm)	14.9	14.9	14.9	14.9
Watts per foot (305mm)	3.8	3.8	3.8	3.8
CRI	94	94	94	94

Due to the large number of options in Vode's product offering, most Vode IES reports are factored reports prepared from source reports. Source reports are the IES test reports prepared for Vode by an NVLAP accredited photometric test laboratory. Factored reports are based on data from the Vode source reports.

If the data above is in black, it is directly from a Vode source report. If it is in grey, it is factored from Vode source reports. Reference details on Vode source reports can be found on the IES File Finder page on vode.com.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 707_WE_RA_LO_359_WH-AL.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L042412201 (SOURCE REPORT FOR REFERENCE)
[TESTLAB] REPORT BASED ON DATA FROM NVLAP ACCREDITED LAB
[ISSUEDATE] 5/30/2024
[MANUFAC] Vode Lighting LLC
[LUMCAT] 707-WE-48-35-90-RA-WH_LO
[LUMINAIRE] Wedge, Slope, Asymmetric, 48", 3500K, 90 CRI, white, low output
[MORE] Wedge, Low Output, White
[TEST PROCEDURE] IESNA:LM-79-19

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1357
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	14.9
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.19 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	20	20	30
55	25	25	37
65	33	33	67
75	55	82	109
85	244	244	406

CANDELA TABULATION

	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
10	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
15	2.5	2.5	2.5	3.0	2.5	2.5	2.5	3.0	3.0	3.0
20	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
30	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
35	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
40	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
55	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
60	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
65	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5
80	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
90	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5	4.5
95	35.5	35.5	36.0	36.5	36.5	37.0	37.5	38.5	38.5	38.5
100	101.0	101.5	103.0	103.5	105.5	107.5	109.5	111.5	113.5	114.0
105	230.0	231.5	233.5	237.0	241.0	246.0	250.5	253.0	253.5	249.5
110	439.0	441.5	442.5	444.0	444.0	443.0	439.0	431.0	415.5	389.0
115	619.5	618.0	616.0	610.0	601.5	589.0	573.0	549.5	511.5	464.5
120	732.0	728.5	725.5	718.5	704.5	682.5	647.0	602.5	547.0	493.5
125	803.0	790.0	777.5	756.0	719.0	677.5	631.0	583.5	536.0	490.0
130	727.0	712.0	699.5	676.0	648.5	616.0	580.5	529.0	483.5	459.0
135	612.0	601.5	590.0	571.5	549.0	527.5	504.0	482.5	458.5	435.5
140	529.0	522.0	517.0	508.5	498.0	484.0	470.0	455.0	439.0	423.0
145	483.5	479.0	476.0	470.5	463.5	454.5	445.5	435.0	423.0	411.0
150	453.0	449.0	447.5	443.0	437.5	431.0	425.0	417.0	408.0	398.0
155	425.0	423.0	422.5	419.5	415.5	410.5	406.0	397.0	378.0	362.0
160	398.5	396.5	395.5	394.0	390.5	383.0	366.0	351.0	337.0	323.5
165	365.5	364.5	364.0	361.0	339.0	322.0	310.5	304.5	300.5	291.5
170	310.0	310.0	292.0	267.0	252.5	253.5	268.5	278.0	286.0	290.0
175	208.5	208.0	211.0	230.0	254.0	267.0	273.0	278.0	281.0	284.5
180	269.5	269.5	269.5	269.5	269.5	269.5	269.5	269.5	269.5	269.5

Vert. Horizontal Angles
 Angles

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
10	3.0	3.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0
15	3.0	3.0	3.0	3.0	3.0	3.0	2.5	2.5	2.5	2.5
20	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.5
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
30	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	1.5	2.0
35	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
40	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
45	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5
50	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5
55	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5
60	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	2.0

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CANDELA TABULATION - (Cont.)

65	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0
70	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0
75	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.5
80	1.5	1.5	1.5	1.5	2.0	2.0	2.0	2.0	2.5	2.5
85	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5
90	5.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.0
95	37.5	36.0	33.5	31.0	29.0	26.5	24.0	20.5	17.5	14.5
100	112.0	106.5	98.5	90.0	80.5	71.0	63.0	52.5	42.5	32.5
105	239.0	217.0	191.5	166.0	144.5	127.5	111.5	91.0	76.5	57.5
110	351.5	303.0	263.0	231.0	208.5	180.5	155.0	128.0	113.5	89.5
115	414.0	366.5	322.5	287.5	255.0	222.0	191.5	162.5	148.5	118.0
120	443.5	396.5	357.5	322.0	288.0	252.5	220.5	193.0	179.0	146.0
125	449.5	406.0	373.0	344.0	312.0	278.5	246.5	221.5	209.0	174.0
130	438.0	411.0	384.5	355.0	327.5	295.0	265.5	244.5	234.0	198.5
135	414.5	394.0	377.0	358.0	334.0	309.5	284.5	265.0	254.5	217.0
140	406.0	387.0	368.5	347.0	326.0	300.5	278.0	270.0	262.0	231.0
145	398.5	382.0	364.5	345.0	319.5	285.0	271.5	263.0	256.0	238.0
150	382.0	360.5	343.5	321.0	300.5	273.0	267.5	254.0	248.0	238.5
155	347.5	331.5	311.0	296.0	273.5	275.0	262.5	243.5	235.5	235.5
160	314.5	308.5	291.5	281.0	287.0	280.5	270.0	257.5	250.5	255.5
165	285.5	286.0	291.0	293.0	290.0	285.5	280.5	273.5	268.5	272.0
170	292.0	292.0	291.0	292.0	291.0	290.5	290.5	287.5	284.0	285.5
175	287.5	288.5	289.5	291.5	294.0	295.5	298.5	297.5	296.0	296.5
180	269.5	269.5	269.5	269.5	269.5	269.5	269.5	269.5	269.5	269.5

Vert. Angles **Horizontal Angles**

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
10	3.0	3.0	3.0	3.0	3.0	3.5	3.5	3.5	3.5	3.5
15	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
20	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
25	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5
30	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5
35	1.5	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5
40	1.5	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5
45	1.5	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5
50	1.5	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5
55	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5
60	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	3.0
65	2.0	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0
70	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0	3.5
75	2.5	2.5	2.5	3.0	3.0	3.0	3.5	3.5	3.5	3.5
80	2.5	3.0	3.0	3.0	3.0	3.5	3.5	3.5	3.5	3.5
85	2.5	3.0	3.0	3.0	3.5	3.5	3.5	3.5	3.5	3.5
90	4.0	4.0	4.5	4.5	4.5	5.0	5.0	5.0	5.5	5.5
95	11.5	11.0	11.5	12.0	12.5	13.0	13.0	13.0	13.5	13.5
100	24.5	22.5	22.5	23.0	23.5	24.0	25.0	25.5	25.5	26.0
105	42.0	39.5	39.5	39.5	39.0	38.5	38.5	39.5	40.0	40.5
110	68.5	60.0	59.5	58.5	58.0	57.5	56.5	56.0	56.0	56.0
115	96.0	84.5	81.0	79.5	78.0	76.5	75.5	74.5	74.0	73.5
120	123.5	112.5	104.5	101.5	99.0	96.5	94.5	93.0	92.5	91.5
125	148.5	142.0	130.5	124.5	120.5	117.0	114.5	113.0	111.5	110.0
130	171.0	168.5	157.0	148.0	142.5	138.5	134.0	127.0	125.0	126.5
135	187.0	190.5	182.5	172.0	161.5	153.0	148.5	145.5	143.5	141.5

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CANDELA TABULATION - (Cont.)

140	192.0	194.5	194.0	187.0	182.0	175.0	170.0	166.0	163.0	160.5
145	200.5	201.0	210.5	208.5	203.0	199.0	193.5	188.5	184.5	181.0
150	220.5	207.0	212.0	216.5	216.5	214.5	213.5	211.0	207.5	203.5
155	236.5	219.5	215.5	216.5	219.0	220.5	220.5	220.5	222.5	224.5
160	261.0	250.0	237.5	232.5	229.5	227.0	225.0	225.0	227.0	230.5
165	276.0	274.0	266.0	257.5	251.0	246.5	242.5	239.0	235.5	233.0
170	287.0	287.5	285.0	282.5	277.0	270.0	264.0	257.5	250.5	244.0
175	296.0	292.5	291.5	291.0	289.0	287.0	285.5	282.0	278.0	273.5
180	269.5	269.5	269.5	269.5	269.5	269.5	269.5	269.5	269.5	269.5

Vert. Horizontal Angles
Angles

	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>
0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
10	3.5	3.5	3.5	3.0	3.5	3.5	3.5
15	3.0	3.0	3.0	3.0	3.0	3.0	3.0
20	2.5	2.5	2.5	3.0	2.5	3.0	2.5
25	2.5	2.5	2.5	2.5	2.5	2.5	2.5
30	2.5	2.5	2.5	2.5	2.5	2.5	2.5
35	2.5	2.5	2.5	2.5	2.5	2.5	2.5
40	2.5	2.5	2.5	2.5	2.5	2.5	2.5
45	2.5	2.5	2.5	2.5	2.5	2.5	2.5
50	2.5	2.5	2.5	2.5	2.5	2.5	2.5
55	2.5	2.5	3.0	3.0	3.0	3.0	3.0
60	3.0	3.0	3.0	3.0	3.0	3.0	3.0
65	3.0	3.0	3.0	3.5	3.5	3.5	3.5
70	3.5	3.5	3.5	3.5	3.5	3.5	3.5
75	3.5	3.5	4.0	4.0	4.0	4.0	4.0
80	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85	4.0	4.0	4.0	4.0	4.0	4.0	4.0
90	5.5	5.5	6.0	6.0	6.0	6.0	6.0
95	13.5	13.5	14.0	14.0	14.0	14.0	14.5
100	26.5	26.5	26.5	26.5	27.0	27.0	27.0
105	41.0	41.0	41.5	41.5	41.5	41.5	42.0
110	56.0	56.5	57.0	57.0	57.0	57.0	57.5
115	73.0	73.0	73.0	73.5	73.0	73.0	73.5
120	91.0	90.5	90.5	90.0	90.0	90.0	90.0
125	109.0	108.5	108.0	108.0	107.5	107.5	107.5
130	127.5	127.0	126.0	125.5	125.0	124.5	124.5
135	140.5	139.5	139.0	140.0	140.5	141.0	141.5
140	159.0	157.5	156.5	155.5	155.0	156.5	159.5
145	179.0	177.0	175.5	174.0	173.5	177.0	178.0
150	200.5	198.5	196.5	195.0	195.0	198.5	199.5
155	223.0	221.0	219.5	218.5	219.0	221.0	222.0
160	236.0	240.5	239.5	240.0	241.5	243.0	245.0
165	237.0	245.0	257.5	264.5	265.0	265.0	267.0
170	239.0	232.0	238.0	253.0	274.0	279.0	280.0
175	269.0	261.5	250.0	225.5	216.5	223.5	257.5
180	269.5	269.5	269.5	269.5	269.5	269.5	269.5

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1.12	N.A.	0.10
0-30	2.12	N.A.	0.20
0-40	3.30	N.A.	0.20
0-60	6.21	N.A.	0.50
0-80	10.66	N.A.	0.80
0-90	14.07	N.A.	1.00
10-90	13.74	N.A.	1.00
20-40	2.18	N.A.	0.20
20-50	3.51	N.A.	0.30
40-70	4.90	N.A.	0.40
60-80	4.45	N.A.	0.30
70-80	2.47	N.A.	0.20
80-90	3.41	N.A.	0.30
90-110	162.80	N.A.	12.00
90-120	411.12	N.A.	30.30
90-130	687.68	N.A.	50.70
90-150	1104.33	N.A.	81.40
90-180	1343.01	N.A.	99.00
110-180	1180.22	N.A.	87.00
0-180	1357.08	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.32
10-20	0.80
20-30	1.00
30-40	1.18
40-50	1.33
50-60	1.58
60-70	1.98
70-80	2.47
80-90	3.41
90-100	30.47
100-110	132.32
110-120	248.32
120-130	276.56
130-140	232.90
140-150	183.74
150-160	132.92
160-170	79.75
170-180	26.02

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	
0	95	95	95	95	82	82	82	82	56	56	56	33	33	33	11	11	11	1
1	87	83	79	76	74	71	68	65	49	47	45	28	27	27	10	9	9	1
2	79	72	66	62	67	62	57	53	43	40	37	25	23	22	8	8	8	0
3	72	63	56	51	61	54	49	44	37	34	31	22	20	19	7	7	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	7	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	6	5	5	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	12	5	5	4	0
7	50	39	32	27	43	34	28	23	23	20	17	14	12	10	5	4	3	0
8	47	35	28	23	40	30	25	20	21	17	15	12	10	9	4	4	3	0
9	43	32	25	20	37	28	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	4	3	2	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 707_WE_RA_LO_359_WH-AL.IES

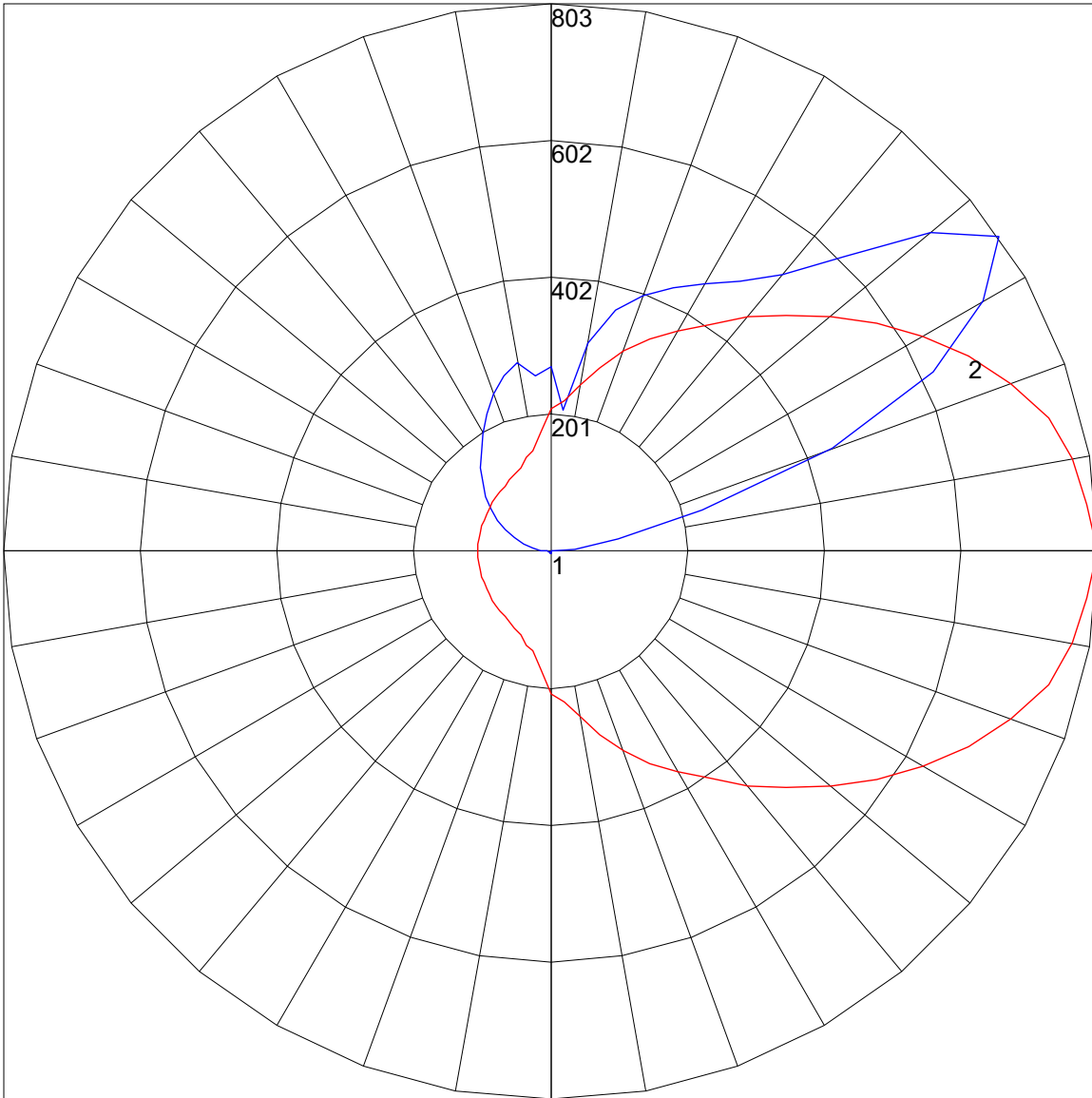
UGR TABLE - CORRECTED

Reflectances										
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	3H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	4H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	6H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	8H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	12H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
4H	2H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	3H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	4H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	6H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	8H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	12H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
8H	4H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	6H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	8H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	12H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
12H	4H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	6H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	8H	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

Maximum UGR = 1.1

POLAR GRAPH



Maximum Candela = 803 Located At Horizontal Angle = 0, Vertical Angle = 125
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (125) (Through Max. Cd.)