

IES REPORT

Wedge | Slope | 707

Slope | Asymmetric, White/Black | 80 CRI | Standard Output

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

Reporting by Color Temperature	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	115	119	121	121
Total Lumens, 4' rail length (1219mm)	2991	3085	3148	3148
Lumens per foot (305mm)	748	771	787	787
Input Power (W), 4' rail length (1219mm)	26.1	26.1	26.1	26.1
Watts per foot (305mm)	6.6	6.6	6.6	6.6
CRI	80	80	80	80

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_SO_358_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
[ISSUE DATE] 5/30/2024
[MANUFAC] Vode Lighting LLC
[LUMCAT] 707-WE-48-35-80-RA-WH_SO
[LUMINAIRE] Wedge, Slope, Asymmetric, 48", 3500K, 80 CRI, white, standard output
[MORE] Wedge, Standard Output, White
[TEST PROCEDURE] IESNA:LM-79-19

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3148
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	26.3
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	46	46	70
55	57	57	86
65	78	78	155
75	127	190	254
85	565	565	942

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	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12
5	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12
10	8.12	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96
15	5.80	5.80	5.80	6.96	5.80	5.80	5.80	6.96	6.96	6.96
20	4.64	4.64	4.64	4.64	5.80	5.80	5.80	5.80	5.80	5.80
25	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64
30	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48
35	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48
40	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48
45	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32
50	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32
55	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32
60	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32
65	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32
70	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32
75	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	3.48	3.48
80	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48
85	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48
90	9.28	9.28	9.28	9.28	9.28	10.44	10.44	10.44	10.44	10.44
95	82.36	82.36	83.52	84.68	84.68	85.84	87.00	89.32	89.32	89.32
100	234.32	235.48	238.96	240.12	244.76	249.40	254.04	258.68	263.32	264.48
105	533.60	537.08	541.72	549.84	559.12	570.72	581.16	586.96	588.12	578.84
110	1018.48	1024.28	1026.60	1030.08	1030.08	1027.76	1018.48	999.92	963.96	902.48
115	1437.24	1433.76	1429.12	1415.20	1395.48	1366.48	1329.36	1274.84	1186.68	1077.64
120	1698.24	1690.12	1683.16	1666.92	1634.44	1583.40	1501.04	1397.80	1269.04	1144.92
125	1862.96	1832.80	1803.80	1753.92	1668.08	1571.80	1463.92	1353.72	1243.52	1136.80
130	1686.64	1651.84	1622.84	1568.32	1504.52	1429.12	1346.76	1227.28	1121.72	1064.88
135	1419.84	1395.48	1368.80	1325.88	1273.68	1223.80	1169.28	1119.40	1063.72	1010.36
140	1227.28	1211.04	1199.44	1179.72	1155.36	1122.88	1090.40	1055.60	1018.48	981.36
145	1121.72	1111.28	1104.32	1091.56	1075.32	1054.44	1033.56	1009.20	981.36	953.52
150	1050.96	1041.68	1038.20	1027.76	1015.00	999.92	986.00	967.44	946.56	923.36
155	986.00	981.36	980.20	973.24	963.96	952.36	941.92	921.04	876.96	839.84
160	924.52	919.88	917.56	914.08	905.96	888.56	849.12	814.32	781.84	750.52
165	847.96	845.64	844.48	837.52	786.48	747.04	720.36	706.44	697.16	676.28
170	719.20	719.20	677.44	619.44	585.80	588.12	622.92	644.96	663.52	672.80
175	483.72	482.56	489.52	533.60	589.28	619.44	633.36	644.96	651.92	660.04
180	625.24	625.24	625.24	625.24	625.24	625.24	625.24	625.24	625.24	625.24

Vert. Angles Horizontal 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	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12
5	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12
10	6.96	6.96	8.12	6.96	6.96	6.96	6.96	6.96	6.96	6.96
15	6.96	6.96	6.96	6.96	6.96	6.96	5.80	5.80	5.80	5.80
20	5.80	5.80	5.80	5.80	5.80	5.80	5.80	4.64	5.80	5.80
25	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64	4.64
30	3.48	3.48	3.48	3.48	3.48	3.48	3.48	4.64	3.48	4.64
35	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48
40	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48
45	2.32	2.32	2.32	2.32	3.48	3.48	3.48	3.48	3.48	3.48
50	2.32	2.32	2.32	2.32	2.32	3.48	3.48	3.48	3.48	3.48
55	2.32	2.32	2.32	2.32	2.32	3.48	3.48	3.48	3.48	3.48
60	2.32	2.32	2.32	3.48	3.48	3.48	3.48	3.48	3.48	4.64

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CANDELA TABULATION - (Cont.)

65	2.32	2.32	3.48	3.48	3.48	3.48	3.48	3.48	4.64	4.64
70	3.48	3.48	3.48	3.48	3.48	3.48	3.48	4.64	4.64	4.64
75	3.48	3.48	3.48	3.48	3.48	3.48	4.64	4.64	4.64	5.80
80	3.48	3.48	3.48	3.48	4.64	4.64	4.64	4.64	5.80	5.80
85	3.48	4.64	4.64	4.64	4.64	4.64	4.64	5.80	5.80	5.80
90	11.60	10.44	10.44	10.44	10.44	10.44	10.44	10.44	10.44	9.28
95	87.00	83.52	77.72	71.92	67.28	61.48	55.68	47.56	40.60	33.64
100	259.84	247.08	228.52	208.80	186.76	164.72	146.16	121.80	98.60	75.40
105	554.48	503.44	444.28	385.12	335.24	295.80	258.68	211.12	177.48	133.40
110	815.48	702.96	610.16	535.92	483.72	418.76	359.60	296.96	263.32	207.64
115	960.48	850.28	748.20	667.00	591.60	515.04	444.28	377.00	344.52	273.76
120	1028.92	919.88	829.40	747.04	668.16	585.80	511.56	447.76	415.28	338.72
125	1042.84	941.92	865.36	798.08	723.84	646.12	571.88	513.88	484.88	403.68
130	1016.16	953.52	892.04	823.60	759.80	684.40	615.96	567.24	542.88	460.52
135	961.64	914.08	874.64	830.56	774.88	718.04	660.04	614.80	590.44	503.44
140	941.92	897.84	854.92	805.04	756.32	697.16	644.96	626.40	607.84	535.92
145	924.52	886.24	845.64	800.40	741.24	661.20	629.88	610.16	593.92	552.16
150	886.24	836.36	796.92	744.72	697.16	633.36	620.60	589.28	575.36	553.32
155	806.20	769.08	721.52	686.72	634.52	638.00	609.00	564.92	546.36	546.36
160	729.64	715.72	676.28	651.92	665.84	650.76	626.40	597.40	581.16	592.76
165	662.36	663.52	675.12	679.76	672.80	662.36	650.76	634.52	622.92	631.04
170	677.44	677.44	675.12	677.44	675.12	673.96	673.96	667.00	658.88	662.36
175	667.00	669.32	671.64	676.28	682.08	685.56	692.52	690.20	686.72	687.88
180	625.24	625.24	625.24	625.24	625.24	625.24	625.24	625.24	625.24	625.24

Vert. Angles **Horizontal Angles**

	100	105	110	115	120	125	130	135	140	145
0	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12
5	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12	8.12
10	6.96	6.96	6.96	6.96	6.96	8.12	8.12	8.12	8.12	8.12
15	5.80	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96
20	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80
25	4.64	4.64	4.64	4.64	5.80	5.80	5.80	5.80	5.80	5.80
30	4.64	4.64	4.64	4.64	4.64	4.64	5.80	5.80	5.80	5.80
35	3.48	4.64	4.64	4.64	4.64	4.64	5.80	5.80	5.80	5.80
40	3.48	4.64	4.64	4.64	4.64	4.64	5.80	5.80	5.80	5.80
45	3.48	4.64	4.64	4.64	4.64	4.64	5.80	5.80	5.80	5.80
50	3.48	4.64	4.64	4.64	4.64	4.64	5.80	5.80	5.80	5.80
55	4.64	4.64	4.64	4.64	5.80	5.80	5.80	5.80	5.80	5.80
60	4.64	4.64	4.64	5.80	5.80	5.80	5.80	5.80	5.80	6.96
65	4.64	5.80	5.80	5.80	5.80	5.80	5.80	6.96	6.96	6.96
70	5.80	5.80	5.80	5.80	6.96	6.96	6.96	6.96	6.96	8.12
75	5.80	5.80	5.80	6.96	6.96	6.96	8.12	8.12	8.12	8.12
80	5.80	6.96	6.96	6.96	6.96	8.12	8.12	8.12	8.12	8.12
85	5.80	6.96	6.96	6.96	8.12	8.12	8.12	8.12	8.12	8.12
90	9.28	9.28	10.44	10.44	10.44	11.60	11.60	11.60	12.76	12.76
95	26.68	25.52	26.68	27.84	29.00	30.16	30.16	30.16	31.32	31.32
100	56.84	52.20	52.20	53.36	54.52	55.68	58.00	59.16	59.16	60.32
105	97.44	91.64	91.64	91.64	90.48	89.32	89.32	91.64	92.80	93.96
110	158.92	139.20	138.04	135.72	134.56	133.40	131.08	129.92	129.92	129.92
115	222.72	196.04	187.92	184.44	180.96	177.48	175.16	172.84	171.68	170.52
120	286.52	261.00	242.44	235.48	229.68	223.88	219.24	215.76	214.60	212.28
125	344.52	329.44	302.76	288.84	279.56	271.44	265.64	262.16	258.68	255.20
130	396.72	390.92	364.24	343.36	330.60	321.32	310.88	294.64	290.00	293.48
135	433.84	441.96	423.40	399.04	374.68	354.96	344.52	337.56	332.92	328.28

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CANDELA TABULATION - (Cont.)

140	445.44	451.24	450.08	433.84	422.24	406.00	394.40	385.12	378.16	372.36
145	465.16	466.32	488.36	483.72	470.96	461.68	448.92	437.32	428.04	419.92
150	511.56	480.24	491.84	502.28	502.28	497.64	495.32	489.52	481.40	472.12
155	548.68	509.24	499.96	502.28	508.08	511.56	511.56	511.56	516.20	520.84
160	605.52	580.00	551.00	539.40	532.44	526.64	522.00	522.00	526.64	534.76
165	640.32	635.68	617.12	597.40	582.32	571.88	562.60	554.48	546.36	540.56
170	665.84	667.00	661.20	655.40	642.64	626.40	612.48	597.40	581.16	566.08
175	686.72	678.60	676.28	675.12	670.48	665.84	662.36	654.24	644.96	634.52
180	625.24	625.24	625.24	625.24	625.24	625.24	625.24	625.24	625.24	625.24

Vert. Horizontal Angles

	150	155	160	165	170	175	180
0	8.12	8.12	8.12	8.12	8.12	8.12	8.12
5	8.12	8.12	8.12	8.12	8.12	8.12	8.12
10	8.12	8.12	8.12	6.96	8.12	8.12	8.12
15	6.96	6.96	6.96	6.96	6.96	6.96	6.96
20	5.80	5.80	5.80	6.96	5.80	6.96	5.80
25	5.80	5.80	5.80	5.80	5.80	5.80	5.80
30	5.80	5.80	5.80	5.80	5.80	5.80	5.80
35	5.80	5.80	5.80	5.80	5.80	5.80	5.80
40	5.80	5.80	5.80	5.80	5.80	5.80	5.80
45	5.80	5.80	5.80	5.80	5.80	5.80	5.80
50	5.80	5.80	5.80	5.80	5.80	5.80	5.80
55	5.80	5.80	6.96	6.96	6.96	6.96	6.96
60	6.96	6.96	6.96	6.96	6.96	6.96	6.96
65	6.96	6.96	6.96	8.12	8.12	8.12	8.12
70	8.12	8.12	8.12	8.12	8.12	8.12	8.12
75	8.12	8.12	9.28	9.28	9.28	9.28	9.28
80	9.28	9.28	9.28	9.28	9.28	9.28	9.28
85	9.28	9.28	9.28	9.28	9.28	9.28	9.28
90	12.76	12.76	13.92	13.92	13.92	13.92	13.92
95	31.32	31.32	32.48	32.48	32.48	32.48	33.64
100	61.48	61.48	61.48	61.48	62.64	62.64	62.64
105	95.12	95.12	96.28	96.28	96.28	96.28	97.44
110	129.92	131.08	132.24	132.24	132.24	132.24	133.40
115	169.36	169.36	169.36	170.52	169.36	169.36	170.52
120	211.12	209.96	209.96	208.80	208.80	208.80	208.80
125	252.88	251.72	250.56	250.56	249.40	249.40	249.40
130	295.80	294.64	292.32	291.16	290.00	288.84	288.84
135	325.96	323.64	322.48	324.80	325.96	327.12	328.28
140	368.88	365.40	363.08	360.76	359.60	363.08	370.04
145	415.28	410.64	407.16	403.68	402.52	410.64	412.96
150	465.16	460.52	455.88	452.40	452.40	460.52	462.84
155	517.36	512.72	509.24	506.92	508.08	512.72	515.04
160	547.52	557.96	555.64	556.80	560.28	563.76	568.40
165	549.84	568.40	597.40	613.64	614.80	614.80	619.44
170	554.48	538.24	552.16	586.96	635.68	647.28	649.60
175	624.08	606.68	580.00	523.16	502.28	518.52	597.40
180	625.24	625.24	625.24	625.24	625.24	625.24	625.24

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2.59	N.A.	0.10
0-30	4.92	N.A.	0.20
0-40	7.65	N.A.	0.20
0-60	14.40	N.A.	0.50
0-80	24.72	N.A.	0.80
0-90	32.63	N.A.	1.00
10-90	31.89	N.A.	1.00
20-40	5.05	N.A.	0.20
20-50	8.13	N.A.	0.30
40-70	11.36	N.A.	0.40
60-80	10.33	N.A.	0.30
70-80	5.72	N.A.	0.20
80-90	7.91	N.A.	0.30
90-110	377.68	N.A.	12.00
90-120	953.80	N.A.	30.30
90-130	1595.42	N.A.	50.70
90-150	2562.04	N.A.	81.40
90-180	3115.79	N.A.	99.00
110-180	2738.11	N.A.	87.00
0-180	3148.43	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.75
10-20	1.85
20-30	2.33
30-40	2.73
40-50	3.08
50-60	3.67
60-70	4.61
70-80	5.72
80-90	7.91
90-100	70.70
100-110	306.99
110-120	576.11
120-130	641.62
130-140	540.34
140-150	426.28
150-160	308.38
160-170	185.02
170-180	60.36

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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_SO_358_WH-AL.IES

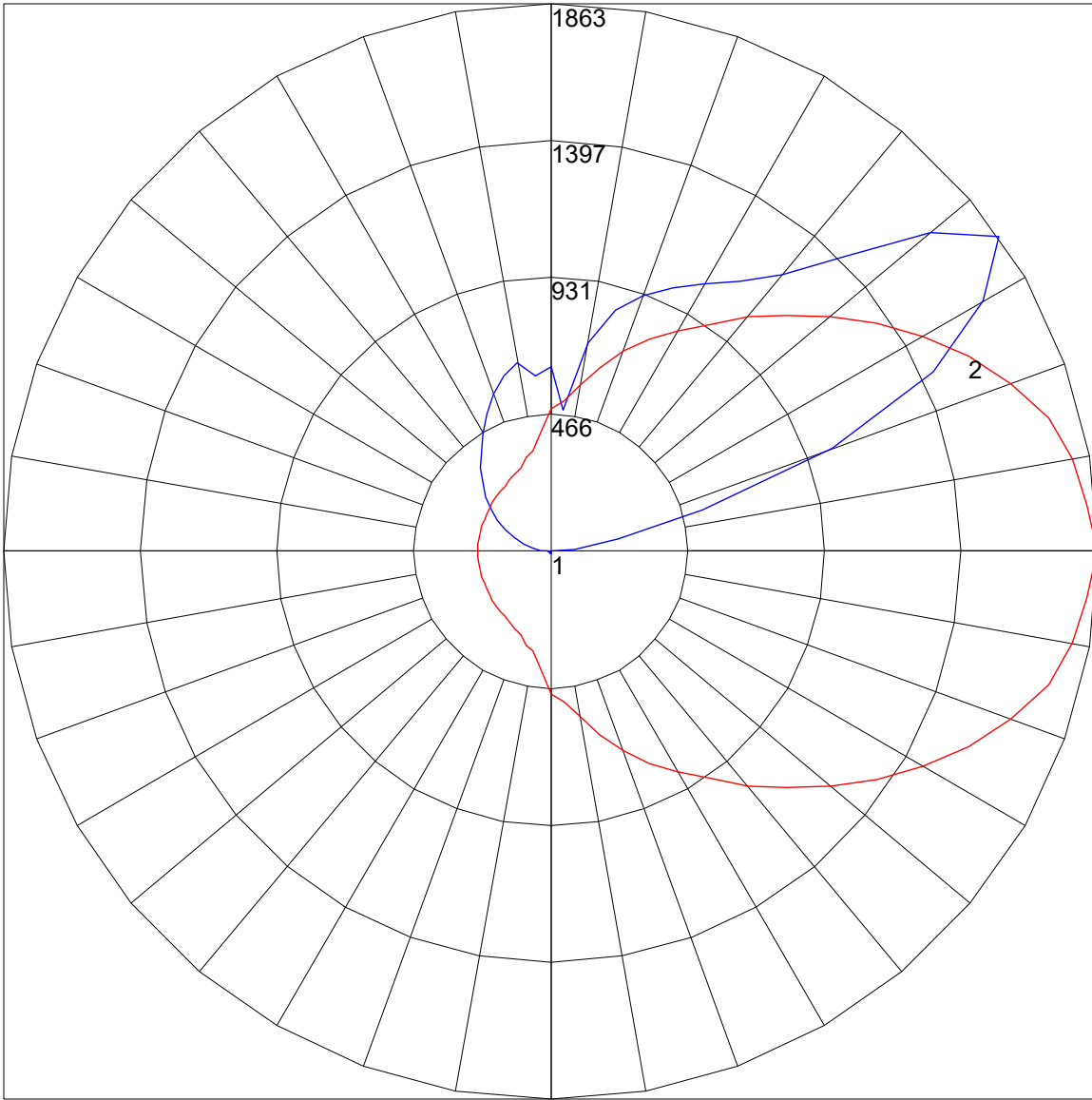
UGR TABLE - CORRECTED

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	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	3H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	4H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	6H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	8H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	12H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
4H	2H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	3H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	4H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	6H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	8H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	12H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
8H	4H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	6H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	8H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	12H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
12H	4H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	6H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	8H	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0

Maximum UGR = 4.0

POLAR GRAPH



Maximum Candela = 1862.96 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.)