

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P895507

Luminaire Tested: 8TMB-SC3-RND-UNV-CC93-LOW-5000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895507
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-1)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 8TMB-SC3-RND-UNV-CC93-LOW-5000K
Description: Selectable 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 5000K CCT, LOW I setting
Light Source: -
Ballast/Driver: -

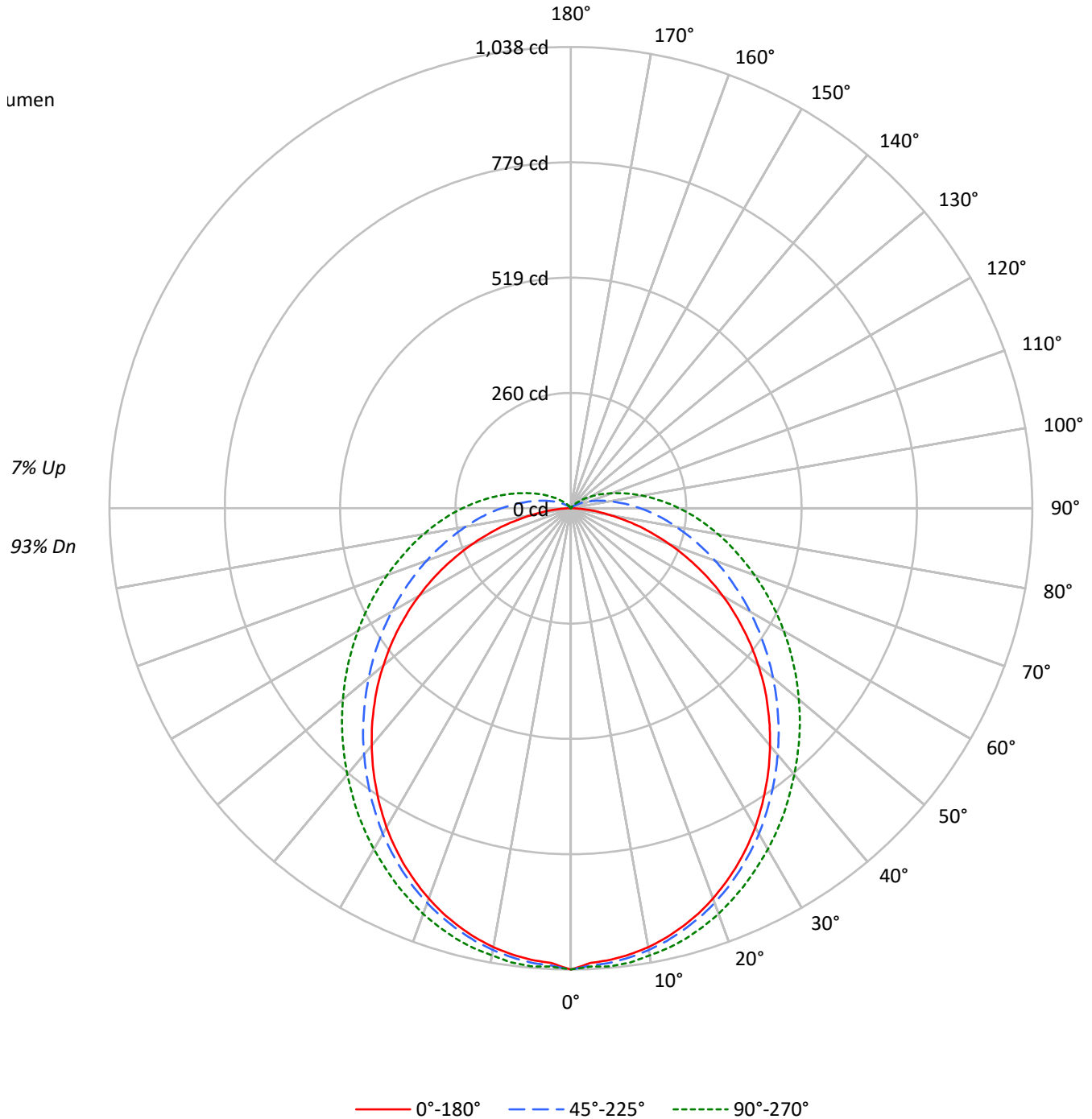
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3436.0 lumens
Efficiency: N/A
Efficacy: 102.6 lumens/watt
Spacing Criteria (0/90/45): 1.19 / 1.27 / 1.35
Luminous Opening: Rectangular (W 0.38' x L: 7.98' x H: 0')
CIE Type: Direct

Input Watts (W): 33.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9915
Total Harmonic Distortion (THDi): 6.67573310469889
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				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	10	50	30	10	0
RCR																					
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	96	96	96	93
1	105	100	95	90	102	97	92	88	91	87	84	86	83	80	81	79	76	76	76	76	74
2	95	86	78	72	92	83	77	71	79	73	68	74	70	65	70	66	63	63	63	63	60
3	86	75	66	59	83	73	65	58	69	62	56	65	59	55	62	57	53	53	53	53	50
4	79	66	57	50	76	64	56	49	61	54	48	58	51	46	55	49	45	45	45	45	43
5	72	59	50	43	70	58	49	42	55	47	41	52	45	40	49	44	39	39	39	39	37
6	67	53	44	37	64	52	43	37	49	42	36	47	40	35	45	39	34	34	34	34	32
7	62	48	39	33	60	47	38	32	45	37	32	43	36	31	41	35	30	30	30	30	28
8	58	44	35	29	56	43	35	29	41	34	28	39	33	28	37	32	27	27	27	27	25
9	54	40	32	26	52	39	31	26	38	31	25	36	30	25	35	29	24	24	24	24	23
10	50	37	29	24	49	36	29	24	35	28	23	33	27	23	32	26	22	22	22	22	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3683	3683	3683
5°	3633	3656	3685
10°	3614	3637	3681
15°	3577	3607	3681
20°	3530	3569	3667
25°	3469	3520	3647
30°	3397	3467	3630
35°	3314	3405	3623
40°	3227	3352	3623
45°	3138	3305	3647
50°	3039	3277	3694
55°	2929	3271	3783
60°	2801	3303	3925
65°	2645	3388	4159
70°	2451	3581	4558
75°	2215	3985	5289
80°	1876	4912	6870
85°	1523	8000	11769

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 21670 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.2	2.9
10°-20°	279.7	8.1
20°-30°	418.8	12.2
30°-40°	499.3	14.5
40°-50°	517.9	15.1
50°-60°	480.5	14.0
60°-70°	400.8	11.7
70°-80°	298.8	8.7
80°-90°	199.0	5.8
90°-100°	121.1	3.5
100°-110°	67.6	2.0
110°-120°	33.8	1.0
120°-130°	14.1	0.4
130°-140°	4.4	0.1
140°-150°	1.1	0.0
150°-160°	0.5	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	796.6	23.2
0°-40°	1295.9	37.7
0°-60°	2294.2	66.8
0°-90°	3192.8	92.9
90°-120°	222.5	6.5
90°-150°	242.2	7.0
90°-180°	243.0	7.1
0°-180°	3436.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1038	1038	1038	1038	1038	
5°	1020	1044	1027	1032	1035	97
15°	974	999	982	1000	1002	275
25°	886	910	899	924	932	408
35°	765	785	786	825	836	479
45°	625	642	659	711	727	483
55°	474	490	529	590	612	423
65°	315	340	404	472	495	312
75°	162	206	291	361	386	171
85°	37	102	196	264	289	42
90°	2	67	156	220	244	3
95°	0	41	120	180	201	0
105°	0	13	66	111	128	0
115°	1	3	31	62	75	1
125°	1	1	12	30	37	1
135°	1	1	3	11	14	1
145°	1	1	1	2	3	1
155°	2	2	1	1	1	1
165°	2	2	1	1	1	0
175°	2	2	2	1	0	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9
2.5°	1024.1	1025.7	1040.4	1039.5	1037.1	1046.9	1049.3	1041.2	1028.2	1041.2	1029.8
5°	1020.1	1021.7	1036.3	1035.5	1033.1	1043.6	1044.4	1037.1	1024.1	1037.1	1026.6
7.5°	1012.7	1014.4	1029.0	1028.2	1026.6	1037.1	1036.3	1030.6	1016.8	1030.6	1019.2
10°	1003.0	1003.8	1019.2	1017.6	1016.8	1027.4	1024.9	1020.1	1006.3	1020.1	1009.5
12.5°	990.0	990.8	1006.3	1004.6	1004.6	1014.4	1011.1	1007.1	993.3	1006.3	997.3
15°	973.8	974.6	989.2	988.4	988.4	998.9	994.1	990.8	977.8	991.6	981.9
17.5°	955.9	955.1	970.5	968.9	970.5	980.3	973.8	972.1	960.0	973.0	964.8
20°	934.8	934.8	948.6	947.8	950.2	959.1	951.0	951.8	939.7	953.5	945.3
22.5°	911.2	910.4	924.2	924.2	926.7	935.6	926.7	929.1	916.9	929.9	923.4
25°	886.1	884.4	898.2	898.2	902.3	909.6	899.9	903.1	891.7	904.7	899.0
27.5°	858.4	856.0	869.8	870.6	873.9	881.2	870.6	875.5	864.9	877.1	873.1
30°	829.2	826.8	840.6	841.4	845.4	851.1	840.6	847.1	837.3	849.5	846.3
32.5°	797.5	795.9	808.9	810.5	814.6	818.6	808.9	815.4	807.3	819.5	816.2
35°	765.0	763.4	775.6	778.0	782.1	785.3	774.8	783.7	776.4	787.8	786.2
37.5°	731.7	729.3	742.3	743.9	748.8	750.4	740.7	751.2	744.7	756.1	755.3
40°	696.8	694.4	707.4	709.0	713.9	713.9	705.8	717.1	712.3	722.8	723.6
42.5°	661.9	659.5	670.8	674.1	678.1	678.1	670.0	682.2	679.0	689.5	692.0
45°	625.4	622.9	633.5	636.7	641.6	641.6	633.5	647.3	644.8	655.4	658.7
47.5°	589.6	586.4	596.1	599.4	604.2	603.4	596.9	610.7	609.9	620.5	626.2
50°	550.6	548.2	557.9	561.2	566.9	565.3	560.4	575.0	575.0	585.6	593.7
52.5°	512.5	510.0	519.8	523.0	527.9	527.9	523.0	538.5	540.9	551.4	561.2
55°	473.5	470.2	480.0	483.2	488.9	489.7	485.7	501.1	506.0	518.2	528.7
57.5°	434.5	432.9	441.0	444.2	451.6	451.6	449.1	465.4	471.9	484.9	497.0
60°	394.7	393.1	400.4	404.4	412.6	414.2	412.6	429.6	438.6	451.6	465.4
62.5°	354.9	353.3	360.6	366.3	375.2	376.8	377.6	395.5	405.3	419.1	434.5
65°	315.1	313.5	320.8	327.3	337.9	340.3	342.7	361.4	372.8	387.4	403.6
67.5°	275.3	274.5	281.8	289.9	301.3	304.6	308.6	328.1	341.1	356.5	374.4
70°	236.3	235.5	242.8	252.6	266.4	270.4	275.3	294.8	311.1	327.3	345.2
72.5°	197.4	198.2	206.3	217.7	233.1	237.1	243.6	263.9	281.8	298.9	317.6
75°	161.6	161.6	170.6	183.5	200.6	206.3	213.6	234.7	253.4	271.3	290.7
77.5°	125.1	125.1	135.6	151.9	170.6	176.2	185.2	207.1	227.4	245.3	264.8
80°	91.8	93.4	105.6	121.8	141.3	148.6	159.2	181.1	203.0	220.9	240.4
82.5°	62.5	65.0	78.0	96.6	116.1	123.4	134.0	157.6	179.5	198.2	218.5
85°	37.4	41.4	55.2	73.9	94.2	102.3	113.7	135.6	157.6	176.2	196.5
87.5°	17.1	22.7	37.4	56.0	75.5	84.5	94.2	115.3	137.3	155.9	177.0
90°	1.6	9.7	24.4	40.6	59.3	67.4	77.2	97.5	118.6	135.6	155.9
92.5°	0.0	4.1	14.6	29.2	45.5	53.6	62.5	82.0	100.7	117.8	137.3
95°	0.0	1.6	8.1	20.3	34.1	41.4	49.5	67.4	86.1	102.3	120.2
97.5°	0.0	0.8	4.9	13.8	25.2	31.7	39.0	55.2	72.3	87.7	104.0
100°	0.0	0.8	2.4	8.9	18.7	23.6	30.9	44.7	60.1	73.9	90.1
102.5°	0.0	0.0	1.6	5.7	13.8	17.9	23.6	35.7	49.5	62.5	77.2
105°	0.0	0.0	0.8	4.1	9.7	13.0	17.9	28.4	40.6	52.0	65.8
107.5°	0.0	0.0	0.8	2.4	6.5	9.7	13.8	21.9	32.5	43.0	55.2
110°	0.8	0.8	0.8	1.6	4.9	7.3	9.7	17.1	26.8	35.7	46.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.8	0.8	0.8	0.8	3.2	4.9	7.3	13.0	21.1	28.4	38.2
115°	0.8	0.8	0.8	0.8	2.4	3.2	4.9	9.7	16.2	22.7	30.9
117.5°	0.8	0.8	0.8	0.8	1.6	2.4	3.2	7.3	12.2	17.9	25.2
120°	0.8	0.8	0.8	0.8	0.8	1.6	2.4	4.9	9.7	13.8	20.3
122.5°	0.8	0.8	0.8	0.8	0.8	1.6	1.6	4.1	7.3	10.6	15.4
125°	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	4.9	8.1	12.2
127.5°	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	3.2	5.7	8.9
130°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	4.1	6.5
132.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	3.2	4.9
135°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	2.4	3.2
137.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6	2.4
140°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6	1.6
142.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.6
145°	0.8	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
147.5°	0.8	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
150°	0.8	1.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
152.5°	1.6	1.6	1.6	1.6	1.6	0.8	0.8	0.8	0.8	0.8	0.8
155°	1.6	1.6	1.6	1.6	1.6	1.6	0.8	0.8	0.8	0.8	0.8
157.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.8	0.8	0.8
160°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.8	0.8	0.8
162.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.8	0.8	0.8
165°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.8	0.8
167.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.8
170°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
172.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.8
175°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
177.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
180°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9	1037.9
2.5°	1033.1	1035.5	1037.9	1031.4	1035.5	1042.8	1045.2	1035.5	1038.7	1032.2
5°	1029.8	1031.4	1034.7	1026.6	1032.2	1038.7	1042.8	1034.7	1039.5	1034.7
7.5°	1023.3	1024.9	1029.0	1020.9	1028.2	1033.9	1038.7	1030.6	1035.5	1030.6
10°	1013.6	1016.0	1021.7	1011.9	1020.9	1025.7	1030.6	1021.7	1026.6	1021.7
12.5°	1001.4	1005.4	1010.3	1001.4	1010.3	1014.4	1020.9	1011.9	1017.6	1013.6
15°	986.8	990.8	997.3	988.4	999.8	1003.0	1009.5	1000.6	1006.3	1002.2
17.5°	969.7	974.6	982.7	972.1	985.1	987.6	994.1	985.9	991.6	987.6
20°	950.2	955.1	963.2	953.5	966.5	968.1	975.4	968.1	973.8	971.3
22.5°	927.5	933.2	941.3	932.3	946.2	946.2	955.1	947.8	954.3	951.8
25°	903.9	910.4	919.4	909.6	924.2	924.2	934.0	926.7	933.2	931.5
27.5°	878.7	886.1	896.6	886.9	901.5	900.7	910.4	903.9	911.2	908.8
30°	851.9	860.1	870.6	862.5	877.9	876.3	886.1	880.4	886.9	886.1
32.5°	822.7	831.6	844.6	835.7	851.1	849.5	861.7	855.2	863.3	861.7
35°	793.5	803.2	816.2	808.1	825.1	822.7	834.9	829.2	837.3	836.5
37.5°	763.4	774.0	787.0	780.5	796.7	794.3	807.3	802.4	811.3	808.9
40°	732.6	743.1	756.9	751.2	768.3	765.0	778.9	774.8	783.7	782.1
42.5°	701.7	713.1	726.9	723.6	739.9	736.6	750.4	747.2	756.1	754.5
45°	670.0	682.2	696.8	693.6	710.6	707.4	721.2	718.8	727.7	726.9
47.5°	638.3	651.3	666.0	664.3	680.6	677.3	692.0	689.5	698.4	698.4
50°	605.9	620.5	635.1	634.3	650.5	647.3	660.3	660.3	670.0	669.2
52.5°	573.4	588.8	604.2	604.2	620.5	617.2	631.9	631.0	640.8	640.8
55°	542.5	556.3	571.8	575.0	590.4	585.6	601.0	602.6	610.7	611.5
57.5°	511.7	526.3	541.7	545.8	560.4	557.1	571.8	573.4	581.5	582.3
60°	480.8	494.6	510.0	515.7	530.3	527.1	541.7	543.3	552.3	553.1
62.5°	449.9	463.7	480.8	486.5	500.3	497.8	513.3	514.9	523.0	524.6
65°	419.9	434.5	450.7	458.9	471.9	468.6	484.0	485.7	494.6	495.4
67.5°	390.6	405.3	421.5	430.4	442.6	441.0	455.6	458.9	466.2	467.8
70°	362.2	376.8	393.9	402.8	415.0	414.2	428.0	430.4	438.6	439.4
72.5°	334.6	349.2	366.3	376.8	387.4	386.6	400.4	403.6	411.8	412.6
75°	307.8	323.2	339.5	350.8	361.4	360.6	374.4	377.6	385.0	385.8
77.5°	282.6	298.1	315.1	326.5	335.4	336.2	348.4	351.7	359.0	361.4
80°	259.1	273.7	289.9	302.1	310.2	311.9	323.2	327.3	333.0	336.2
82.5°	236.3	251.0	267.2	278.6	286.7	288.3	298.9	303.7	309.4	311.9
85°	214.4	229.0	244.5	256.6	263.9	264.8	275.3	280.2	285.1	289.1
87.5°	193.3	207.9	222.5	235.5	242.0	243.6	253.4	258.3	262.3	266.4
90°	172.2	186.8	201.4	213.6	220.1	220.9	231.5	236.3	240.4	243.6
92.5°	152.7	167.3	181.9	194.1	199.8	201.4	210.3	216.0	219.3	222.5
95°	134.0	148.6	161.6	174.6	180.3	182.7	190.9	195.7	199.8	201.4
97.5°	117.8	130.8	142.9	155.9	160.8	163.2	171.4	177.0	180.3	181.9
100°	102.3	114.5	125.9	138.1	142.9	145.4	152.7	157.6	160.8	163.2
102.5°	88.5	99.9	110.5	121.8	126.7	128.3	134.8	139.7	142.9	145.4
105°	76.3	86.9	96.6	107.2	111.3	113.7	119.4	123.4	126.7	128.3
107.5°	65.0	75.5	83.7	93.4	97.5	99.1	104.8	109.6	112.1	112.9
110°	55.2	64.2	72.3	80.4	85.3	86.9	91.8	95.8	98.3	99.1



TEST NUMBER: P895507

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	46.3	54.4	61.7	69.0	73.1	74.7	79.6	83.7	85.3	86.1
115°	38.2	46.3	52.0	59.3	62.5	64.2	68.2	72.3	73.1	74.7
117.5°	30.9	38.2	43.9	49.5	52.8	54.4	57.7	60.9	62.5	63.3
120°	25.2	30.9	35.7	41.4	43.9	45.5	48.7	52.0	52.8	53.6
122.5°	20.3	25.2	29.2	34.1	36.5	38.2	40.6	43.0	43.9	44.7
125°	15.4	20.3	23.6	27.6	30.0	30.9	33.3	35.7	36.5	37.4
127.5°	12.2	15.4	18.7	21.9	23.6	24.4	26.8	28.4	29.2	30.0
130°	8.9	11.4	13.8	17.1	18.7	19.5	21.1	22.7	23.6	23.6
132.5°	6.5	8.9	10.6	13.0	13.8	14.6	16.2	17.9	17.9	18.7
135°	4.1	5.7	7.3	8.9	10.6	10.6	12.2	13.0	13.8	13.8
137.5°	3.2	4.1	4.9	6.5	7.3	8.1	8.1	9.7	9.7	9.7
140°	2.4	3.2	3.2	4.1	4.9	5.7	5.7	6.5	6.5	6.5
142.5°	1.6	2.4	2.4	3.2	3.2	4.1	4.1	4.1	4.9	4.9
145°	1.6	1.6	1.6	2.4	2.4	2.4	2.4	3.2	3.2	3.2
147.5°	0.8	0.8	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4
150°	0.8	0.8	0.8	0.8	0.8	1.6	1.6	1.6	1.6	1.6
152.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
157.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
165°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
167.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
170°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
172.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0
177.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.0
180°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.82	16.35	15.29	16.81	17.30	16.39	17.92	16.86	18.38	18.87
	3H	16.49	17.90	16.98	18.36	18.89	19.01	20.42	19.50	20.88	21.41
	4H	17.09	18.42	17.60	18.91	19.45	20.32	21.65	20.83	22.14	22.68
	6H	17.49	18.73	18.01	19.23	19.78	21.73	22.97	22.25	23.47	24.02
	8H	17.61	18.79	18.14	19.32	19.88	22.48	23.67	23.01	24.19	24.75
	12H	17.68	18.82	18.22	19.34	19.93	23.33	24.47	23.86	24.98	25.58
4H	2H	15.74	17.07	16.25	17.56	18.10	16.94	18.27	17.44	18.75	19.30
	3H	17.72	18.86	18.24	19.39	19.95	19.86	20.99	20.37	21.52	22.08
	4H	18.50	19.54	19.04	20.08	20.67	21.38	22.42	21.92	22.96	23.55
	6H	19.08	20.00	19.64	20.56	21.17	23.02	23.94	23.58	24.51	25.12
	8H	19.26	20.13	19.82	20.69	21.31	23.90	24.77	24.47	25.34	25.96
	12H	19.39	20.17	19.97	20.77	21.39	24.91	25.70	25.49	26.29	26.91
8H	4H	19.38	20.25	19.94	20.81	21.43	21.74	22.61	22.30	23.17	23.79
	6H	20.26	21.00	20.85	21.60	22.23	23.64	24.38	24.24	24.98	25.61
	8H	20.61	21.27	21.21	21.89	22.53	24.73	25.39	25.33	26.01	26.65
	12H	20.88	21.47	21.49	22.08	22.79	25.99	26.59	26.60	27.19	27.90
12H	4H	19.66	20.44	20.24	21.04	21.66	21.78	22.57	22.37	23.16	23.79
	6H	20.71	21.38	21.31	21.99	22.63	23.75	24.42	24.36	25.03	25.67
	8H	21.23	21.82	21.84	22.43	23.13	24.95	25.54	25.56	26.15	26.85