

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: P895043

Luminaire Tested: 8TMB-4SL-RND-UNV-L940

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895043
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-4SL-RND-UNV-L940
Description: 4000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS, 90CRI, 4000K CCT
Light Source: -
Ballast/Driver: -

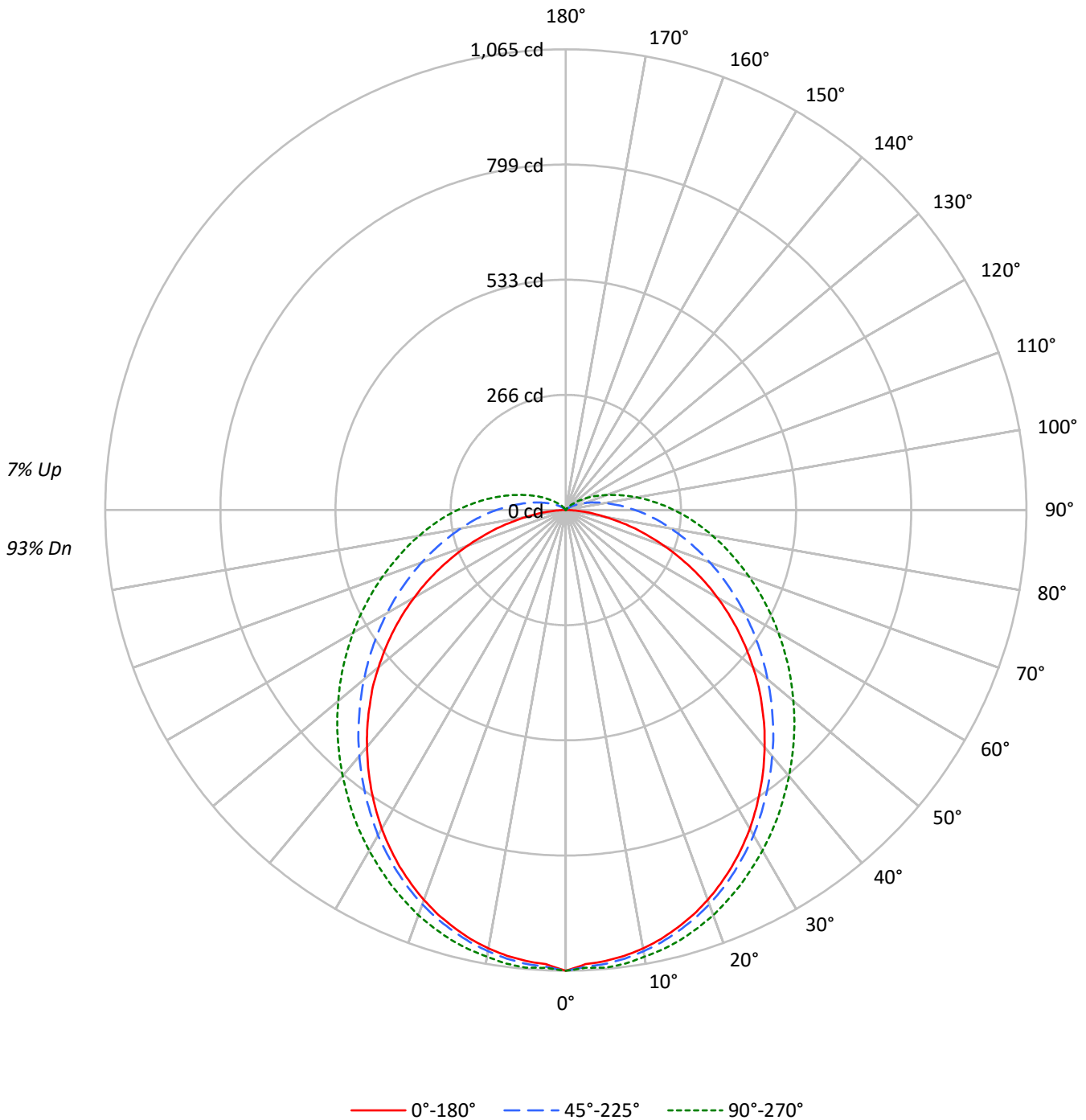
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3526.0 lumens
Efficiency: N/A
Efficacy: 127.8 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): 27.6
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 4.5
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°	3779	3779	3779
5°	3728	3752	3782
10°	3708	3732	3777
15°	3671	3701	3778
20°	3622	3663	3764
25°	3560	3612	3742
30°	3486	3558	3725
35°	3401	3495	3718
40°	3312	3440	3717
45°	3220	3392	3743
50°	3119	3363	3791
55°	3006	3357	3882
60°	2874	3389	4028
65°	2715	3477	4268
70°	2516	3674	4678
75°	2274	4091	5427
80°	1925	5041	7049
85°	1559	8211	12079

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 87.5°
 Luminance: 22239 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.7	2.9
10°-20°	287.0	8.1
20°-30°	429.7	12.2
30°-40°	512.4	14.5
40°-50°	531.4	15.1
50°-60°	493.0	14.0
60°-70°	411.3	11.7
70°-80°	306.7	8.7
80°-90°	204.2	5.8
90°-100°	124.3	3.5
100°-110°	69.4	2.0
110°-120°	34.7	1.0
120°-130°	14.5	0.4
130°-140°	4.6	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°	817.5	23.2
0°-40°	1329.9	37.7
0°-60°	2354.3	66.8
0°-90°	3276.5	92.9
90°-120°	228.4	6.5
90°-150°	248.5	7.0
90°-180°	249.0	7.1
0°-180°	3526.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1065	1065	1065	1065	1065	
5°	1047	1071	1053	1059	1062	99
15°	999	1025	1008	1026	1028	282
25°	909	933	923	948	956	419
35°	785	806	807	847	858	491
45°	642	658	676	729	746	495
55°	486	503	543	606	628	434
65°	323	349	414	484	508	320
75°	166	212	298	371	396	175
85°	38	105	202	271	297	43
90°	2	69	160	226	250	3
95°	0	42	123	185	207	0
105°	0	13	68	114	132	0
115°	1	3	32	64	77	1
125°	1	1	12	31	38	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°	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1
2.5°	1050.9	1052.6	1067.6	1066.8	1064.3	1074.3	1076.8	1068.4	1055.1	1068.4	1056.8
5°	1046.8	1048.4	1063.4	1062.6	1060.1	1070.9	1071.8	1064.3	1050.9	1064.3	1053.4
7.5°	1039.3	1040.9	1055.9	1055.1	1053.4	1064.3	1063.4	1057.6	1043.4	1057.6	1045.9
10°	1029.3	1030.1	1045.9	1044.3	1043.4	1054.3	1051.8	1046.8	1032.6	1046.8	1035.9
12.5°	1015.9	1016.8	1032.6	1030.9	1030.9	1040.9	1037.6	1033.4	1019.3	1032.6	1023.4
15°	999.3	1000.1	1015.1	1014.3	1014.3	1025.1	1020.1	1016.8	1003.4	1017.6	1007.6
17.5°	980.9	980.1	995.9	994.3	995.9	1005.9	999.3	997.6	985.1	998.4	990.1
20°	959.3	959.3	973.4	972.6	975.1	984.3	975.9	976.8	964.3	978.4	970.1
22.5°	935.1	934.3	948.4	948.4	950.9	960.1	950.9	953.4	940.9	954.3	947.6
25°	909.3	907.6	921.8	921.8	925.9	933.4	923.4	926.8	915.1	928.4	922.6
27.5°	880.9	878.4	892.6	893.4	896.8	904.3	893.4	898.4	887.6	900.1	895.9
30°	850.9	848.4	862.6	863.4	867.6	873.4	862.6	869.3	859.3	871.8	868.4
32.5°	818.4	816.8	830.1	831.8	835.9	840.1	830.1	836.8	828.4	840.9	837.6
35°	785.1	783.4	795.9	798.4	802.6	805.9	795.1	804.3	796.8	808.4	806.8
37.5°	750.9	748.4	761.7	763.4	768.4	770.1	760.1	770.9	764.2	775.9	775.1
40°	715.1	712.6	725.9	727.6	732.6	732.6	724.2	735.9	730.9	741.7	742.6
42.5°	679.2	676.7	688.4	691.7	695.9	695.9	687.6	700.1	696.7	707.6	710.1
45°	641.7	639.2	650.1	653.4	658.4	658.4	650.1	664.2	661.7	672.6	675.9
47.5°	605.1	601.7	611.7	615.1	620.1	619.2	612.6	626.7	625.9	636.7	642.6
50°	565.1	562.6	572.6	575.9	581.7	580.1	575.1	590.1	590.1	600.9	609.2
52.5°	525.9	523.4	533.4	536.7	541.7	541.7	536.7	552.6	555.1	565.9	575.9
55°	485.9	482.6	492.6	495.9	501.7	502.6	498.4	514.2	519.2	531.7	542.6
57.5°	445.9	444.2	452.5	455.9	463.4	463.4	460.9	477.6	484.2	497.6	510.1
60°	405.0	403.4	410.9	415.0	423.4	425.0	423.4	440.9	450.0	463.4	477.6
62.5°	364.2	362.5	370.0	375.9	385.0	386.7	387.5	405.9	415.9	430.0	445.9
65°	323.4	321.7	329.2	335.9	346.7	349.2	351.7	370.9	382.5	397.5	414.2
67.5°	282.5	281.7	289.2	297.5	309.2	312.5	316.7	336.7	350.0	365.9	384.2
70°	242.5	241.7	249.2	259.2	273.4	277.5	282.5	302.5	319.2	335.9	354.2
72.5°	202.5	203.4	211.7	223.4	239.2	243.4	250.0	270.9	289.2	306.7	325.9
75°	165.9	165.9	175.0	188.4	205.9	211.7	219.2	240.9	260.0	278.4	298.4
77.5°	128.3	128.3	139.2	155.8	175.0	180.9	190.0	212.5	233.4	251.7	271.7
80°	94.2	95.8	108.3	125.0	145.0	152.5	163.4	185.9	208.4	226.7	246.7
82.5°	64.2	66.7	80.0	99.2	119.2	126.7	137.5	161.7	184.2	203.4	224.2
85°	38.3	42.5	56.7	75.8	96.7	105.0	116.7	139.2	161.7	180.9	201.7
87.5°	17.5	23.3	38.3	57.5	77.5	86.7	96.7	118.3	140.8	160.0	181.7
90°	1.7	10.0	25.0	41.7	60.8	69.2	79.2	100.0	121.7	139.2	160.0
92.5°	0.0	4.2	15.0	30.0	46.7	55.0	64.2	84.2	103.3	120.8	140.8
95°	0.0	1.7	8.3	20.8	35.0	42.5	50.8	69.2	88.3	105.0	123.3
97.5°	0.0	0.8	5.0	14.2	25.8	32.5	40.0	56.7	74.2	90.0	106.7
100°	0.0	0.8	2.5	9.2	19.2	24.2	31.7	45.8	61.7	75.8	92.5
102.5°	0.0	0.0	1.7	5.8	14.2	18.3	24.2	36.7	50.8	64.2	79.2
105°	0.0	0.0	0.8	4.2	10.0	13.3	18.3	29.2	41.7	53.3	67.5
107.5°	0.0	0.0	0.8	2.5	6.7	10.0	14.2	22.5	33.3	44.2	56.7
110°	0.8	0.8	0.8	1.7	5.0	7.5	10.0	17.5	27.5	36.7	47.5



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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	3.3	5.0	7.5	13.3	21.7	29.2	39.2
115°	0.8	0.8	0.8	0.8	2.5	3.3	5.0	10.0	16.7	23.3	31.7
117.5°	0.8	0.8	0.8	0.8	1.7	2.5	3.3	7.5	12.5	18.3	25.8
120°	0.8	0.8	0.8	0.8	0.8	1.7	2.5	5.0	10.0	14.2	20.8
122.5°	0.8	0.8	0.8	0.8	0.8	1.7	1.7	4.2	7.5	10.8	15.8
125°	0.8	0.8	0.8	0.8	0.8	0.8	1.7	2.5	5.0	8.3	12.5
127.5°	0.8	0.8	0.8	0.8	0.8	0.8	1.7	2.5	3.3	5.8	9.2
130°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	2.5	4.2	6.7
132.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	2.5	3.3	5.0
135°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	2.5	3.3
137.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7	2.5
140°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7	1.7
142.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.7
145°	0.8	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
147.5°	0.8	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
150°	0.8	1.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
152.5°	1.7	1.7	1.7	1.7	1.7	0.8	0.8	0.8	0.8	0.8	0.8
155°	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.8	0.8	0.8	0.8
157.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.8	0.8
160°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.8	0.8
162.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.8	0.8
165°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8	0.8
167.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8
170°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
172.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.8
175°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
177.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
180°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1	1065.1
2.5°	1060.1	1062.6	1065.1	1058.4	1062.6	1070.1	1072.6	1062.6	1065.9	1059.3
5°	1056.8	1058.4	1061.8	1053.4	1059.3	1065.9	1070.1	1061.8	1066.8	1061.8
7.5°	1050.1	1051.8	1055.9	1047.6	1055.1	1060.9	1065.9	1057.6	1062.6	1057.6
10°	1040.1	1042.6	1048.4	1038.4	1047.6	1052.6	1057.6	1048.4	1053.4	1048.4
12.5°	1027.6	1031.8	1036.8	1027.6	1036.8	1040.9	1047.6	1038.4	1044.3	1040.1
15°	1012.6	1016.8	1023.4	1014.3	1025.9	1029.3	1035.9	1026.8	1032.6	1028.4
17.5°	995.1	1000.1	1008.4	997.6	1010.9	1013.4	1020.1	1011.8	1017.6	1013.4
20°	975.1	980.1	988.4	978.4	991.8	993.4	1000.9	993.4	999.3	996.8
22.5°	951.8	957.6	965.9	956.8	970.9	970.9	980.1	972.6	979.3	976.8
25°	927.6	934.3	943.4	933.4	948.4	948.4	958.4	950.9	957.6	955.9
27.5°	901.8	909.3	920.1	910.1	925.1	924.3	934.3	927.6	935.1	932.6
30°	874.3	882.6	893.4	885.1	900.9	899.3	909.3	903.4	910.1	909.3
32.5°	844.3	853.4	866.8	857.6	873.4	871.8	884.3	877.6	885.9	884.3
35°	814.3	824.3	837.6	829.3	846.8	844.3	856.8	850.9	859.3	858.4
37.5°	783.4	794.3	807.6	800.9	817.6	815.1	828.4	823.4	832.6	830.1
40°	751.7	762.6	776.7	770.9	788.4	785.1	799.3	795.1	804.3	802.6
42.5°	720.1	731.7	745.9	742.6	759.2	755.9	770.1	766.7	775.9	774.2
45°	687.6	700.1	715.1	711.7	729.2	725.9	740.1	737.6	746.7	745.9
47.5°	655.1	668.4	683.4	681.7	698.4	695.1	710.1	707.6	716.7	716.7
50°	621.7	636.7	651.7	650.9	667.6	664.2	677.6	677.6	687.6	686.7
52.5°	588.4	604.2	620.1	620.1	636.7	633.4	648.4	647.6	657.6	657.6
55°	556.7	570.9	586.7	590.1	605.9	600.9	616.7	618.4	626.7	627.6
57.5°	525.1	540.1	555.9	560.1	575.1	571.7	586.7	588.4	596.7	597.6
60°	493.4	507.6	523.4	529.2	544.2	540.9	555.9	557.6	566.7	567.6
62.5°	461.7	475.9	493.4	499.2	513.4	510.9	526.7	528.4	536.7	538.4
65°	430.9	445.9	462.5	470.9	484.2	480.9	496.7	498.4	507.6	508.4
67.5°	400.9	415.9	432.5	441.7	454.2	452.5	467.5	470.9	478.4	480.1
70°	371.7	386.7	404.2	413.4	425.9	425.0	439.2	441.7	450.0	450.9
72.5°	343.4	358.4	375.9	386.7	397.5	396.7	410.9	414.2	422.5	423.4
75°	315.9	331.7	348.4	360.0	370.9	370.0	384.2	387.5	395.0	395.9
77.5°	290.0	305.9	323.4	335.0	344.2	345.0	357.5	360.9	368.4	370.9
80°	265.9	280.9	297.5	310.0	318.4	320.0	331.7	335.9	341.7	345.0
82.5°	242.5	257.5	274.2	285.9	294.2	295.9	306.7	311.7	317.5	320.0
85°	220.0	235.0	250.9	263.4	270.9	271.7	282.5	287.5	292.5	296.7
87.5°	198.4	213.4	228.4	241.7	248.4	250.0	260.0	265.0	269.2	273.4
90°	176.7	191.7	206.7	219.2	225.9	226.7	237.5	242.5	246.7	250.0
92.5°	156.7	171.7	186.7	199.2	205.0	206.7	215.9	221.7	225.0	228.4
95°	137.5	152.5	165.9	179.2	185.0	187.5	195.9	200.9	205.0	206.7
97.5°	120.8	134.2	146.7	160.0	165.0	167.5	175.9	181.7	185.0	186.7
100°	105.0	117.5	129.2	141.7	146.7	149.2	156.7	161.7	165.0	167.5
102.5°	90.8	102.5	113.3	125.0	130.0	131.7	138.3	143.3	146.7	149.2
105°	78.3	89.2	99.2	110.0	114.2	116.7	122.5	126.7	130.0	131.7
107.5°	66.7	77.5	85.8	95.8	100.0	101.7	107.5	112.5	115.0	115.8
110°	56.7	65.8	74.2	82.5	87.5	89.2	94.2	98.3	100.8	101.7



TEST NUMBER: P895043
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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	47.5	55.8	63.3	70.8	75.0	76.7	81.7	85.8	87.5	88.3
115°	39.2	47.5	53.3	60.8	64.2	65.8	70.0	74.2	75.0	76.7
117.5°	31.7	39.2	45.0	50.8	54.2	55.8	59.2	62.5	64.2	65.0
120°	25.8	31.7	36.7	42.5	45.0	46.7	50.0	53.3	54.2	55.0
122.5°	20.8	25.8	30.0	35.0	37.5	39.2	41.7	44.2	45.0	45.8
125°	15.8	20.8	24.2	28.3	30.8	31.7	34.2	36.7	37.5	38.3
127.5°	12.5	15.8	19.2	22.5	24.2	25.0	27.5	29.2	30.0	30.8
130°	9.2	11.7	14.2	17.5	19.2	20.0	21.7	23.3	24.2	24.2
132.5°	6.7	9.2	10.8	13.3	14.2	15.0	16.7	18.3	18.3	19.2
135°	4.2	5.8	7.5	9.2	10.8	10.8	12.5	13.3	14.2	14.2
137.5°	3.3	4.2	5.0	6.7	7.5	8.3	8.3	10.0	10.0	10.0
140°	2.5	3.3	3.3	4.2	5.0	5.8	5.8	6.7	6.7	6.7
142.5°	1.7	2.5	2.5	3.3	3.3	4.2	4.2	4.2	5.0	5.0
145°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	3.3	3.3	3.3
147.5°	0.8	0.8	1.7	1.7	1.7	1.7	1.7	2.5	2.5	2.5
150°	0.8	0.8	0.8	0.8	0.8	1.7	1.7	1.7	1.7	1.7
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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



TEST NUMBER: P895043
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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	14.91	16.44	15.38	16.90	17.39	16.48	18.01	16.95	18.47	18.96
	3H	16.58	17.99	17.07	18.45	18.98	19.10	20.51	19.59	20.97	21.50
	4H	17.18	18.51	17.69	19.00	19.54	20.41	21.74	20.92	22.23	22.77
	6H	17.58	18.82	18.10	19.32	19.87	21.82	23.06	22.34	23.56	24.11
	8H	17.70	18.88	18.23	19.41	19.97	22.57	23.76	23.10	24.28	24.84
	12H	17.77	18.91	18.31	19.43	20.02	23.42	24.56	23.95	25.07	25.67
4H	2H	15.83	17.16	16.34	17.65	18.19	17.03	18.36	17.53	18.84	19.39
	3H	17.81	18.95	18.33	19.48	20.04	19.95	21.08	20.46	21.61	22.17
	4H	18.59	19.63	19.13	20.17	20.76	21.47	22.51	22.01	23.05	23.64
	6H	19.17	20.09	19.73	20.65	21.26	23.11	24.03	23.67	24.60	25.21
	8H	19.35	20.22	19.91	20.78	21.40	23.99	24.86	24.56	25.42	26.05
	12H	19.48	20.26	20.06	20.86	21.48	25.00	25.79	25.58	26.38	27.00
8H	4H	19.47	20.34	20.03	20.90	21.52	21.83	22.70	22.39	23.26	23.88
	6H	20.35	21.09	20.94	21.69	22.32	23.73	24.47	24.33	25.07	25.70
	8H	20.70	21.36	21.30	21.98	22.62	24.82	25.48	25.42	26.10	26.74
	12H	20.97	21.56	21.58	22.17	22.88	26.08	26.67	26.69	27.28	27.99
12H	4H	19.75	20.53	20.33	21.13	21.75	21.87	22.66	22.46	23.25	23.88
	6H	20.80	21.47	21.40	22.08	22.72	23.84	24.51	24.45	25.12	25.76
	8H	21.32	21.91	21.93	22.52	23.22	25.04	25.63	25.65	26.24	26.94