

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: P894322

Luminaire Tested: 4MB-SC3-RNDU-UNV-CC83-MID-4000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894322
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4MB-SC3-RNDU-UNV-CC83-MID-4000K
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 40
CCT, MID lumen setting
Light Source: -
Ballast/Driver: -

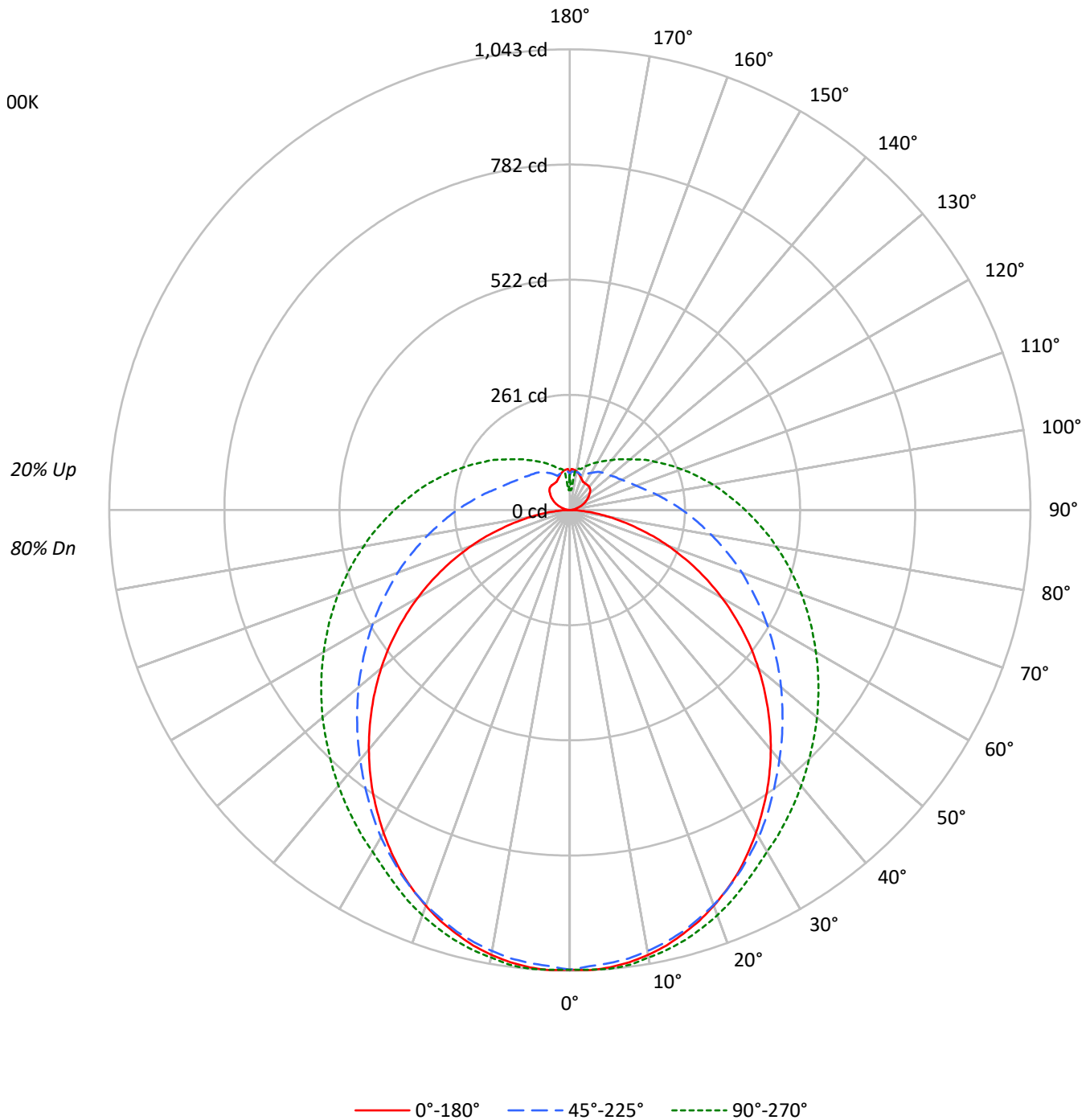
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4377.0 lumens
Efficiency: N/A
Efficacy: 130.7 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.28 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 3.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 33.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.9948
Total Harmonic Distortion (THDi): 5.65231997856897
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	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	83	83	83	80
1	102	96	91	86	97	92	87	83	84	80	76	76	73	70	69	67	65	65	65	65	61
2	92	82	75	68	87	79	72	66	72	66	61	65	61	57	60	56	53	53	53	53	49
3	83	72	63	56	79	69	61	54	63	56	51	57	52	47	52	48	44	44	44	44	41
4	76	63	54	47	72	60	52	45	55	48	43	51	45	40	46	41	37	37	37	37	34
5	69	56	47	40	66	54	45	39	49	42	37	45	39	34	41	36	32	32	32	32	29
6	64	50	41	35	61	48	40	34	44	37	32	41	35	30	37	32	28	28	28	28	26
7	59	46	37	30	56	44	35	30	40	33	28	37	31	26	34	29	25	25	25	25	23
8	55	41	33	27	52	40	32	26	37	30	25	34	28	24	31	26	22	22	22	22	20
9	51	38	30	24	49	36	29	23	34	27	22	31	25	21	29	24	20	20	20	20	18
10	48	35	27	22	46	34	26	21	31	25	20	29	23	19	27	22	18	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7404	7404	7404
5°	7391	7091	7106
10°	7322	6815	6778
15°	7214	6536	6474
20°	7085	6240	6163
25°	6928	5944	5851
30°	6727	5645	5574
35°	6521	5337	5370
40°	6299	5058	5185
45°	6059	4812	5020
50°	5807	4593	4893
55°	5519	4389	4782
60°	5193	4223	4699
65°	4795	4075	4652
70°	4303	3984	4636
75°	3643	3918	4658
80°	2847	3918	4731
85°	1818	4019	4886

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6059 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.5	2.2
10°-20°	280.7	6.4
20°-30°	421.5	9.6
30°-40°	506.9	11.6
40°-50°	537.0	12.3
50°-60°	517.2	11.8
60°-70°	457.7	10.5
70°-80°	375.4	8.6
80°-90°	291.3	6.7
90°-100°	226.1	5.2
100°-110°	179.2	4.1
110°-120°	142.7	3.3
120°-130°	113.4	2.6
130°-140°	88.5	2.0
140°-150°	65.2	1.5
150°-160°	43.1	1.0
160°-170°	24.8	0.6
170°-180°	8.0	0.2
0°-30°	800.7	18.3
0°-40°	1307.5	29.9
0°-60°	2361.7	54.0
0°-90°	3486.1	79.6
90°-120°	548.0	12.5
90°-150°	815.0	18.6
90°-180°	891.0	20.4
0°-180°	4377.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1041	1041	1041	1041	1041	
5°	1040	1041	1030	1038	1043	99
15°	993	994	988	1003	1008	280
25°	904	907	907	930	936	416
35°	778	788	797	839	856	487
45°	634	648	681	746	772	489
55°	478	502	568	652	687	428
65°	317	360	462	559	601	314
75°	158	238	368	472	516	169
85°	36	144	288	393	435	41
90°	1	113	254	356	397	3
95°	5	93	225	322	361	5
105°	18	75	177	263	298	19
115°	36	72	148	215	244	35
125°	52	75	129	177	199	46
135°	65	80	116	148	162	50
145°	69	79	105	128	136	43
155°	70	82	90	109	115	33
165°	83	88	85	85	96	23
175°	92	91	87	72	48	9
180°	80	80	80	80	80	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6
2.5°	1042.6	1041.6	1043.6	1045.6	1051.5	1043.6	1047.6	1036.7	1037.7	1038.7	1033.7
5°	1039.6	1036.7	1039.6	1041.6	1046.6	1040.6	1044.6	1032.7	1033.7	1035.7	1029.7
7.5°	1032.7	1029.7	1031.7	1033.7	1038.7	1032.7	1037.7	1025.8	1027.8	1028.8	1023.8
10°	1022.8	1018.9	1020.8	1023.8	1027.8	1022.8	1026.8	1015.9	1016.9	1018.9	1013.9
12.5°	1009.9	1006.0	1008.0	1009.9	1014.9	1009.9	1013.9	1003.0	1005.0	1007.0	1002.0
15°	993.1	989.2	991.1	993.1	997.1	994.1	998.1	987.2	989.2	993.1	988.2
17.5°	975.3	969.3	971.3	974.3	978.3	976.3	979.2	970.3	971.3	975.3	970.3
20°	953.5	947.6	949.5	952.5	956.5	955.5	957.5	949.5	951.5	956.5	951.5
22.5°	929.7	923.8	925.8	929.7	932.7	932.7	933.7	927.8	929.7	934.7	930.7
25°	904.0	898.1	900.0	904.0	907.0	907.0	908.9	903.0	906.0	910.9	907.0
27.5°	874.3	871.3	871.3	875.3	877.3	879.2	880.2	875.3	879.2	884.2	881.2
30°	843.6	839.6	841.6	846.6	846.6	850.5	850.5	846.6	851.5	857.5	855.5
32.5°	810.9	808.0	808.9	814.9	814.9	819.8	818.8	816.9	821.8	828.7	826.8
35°	778.3	775.3	776.3	782.2	782.2	788.2	786.2	786.2	791.1	799.0	797.1
37.5°	743.6	741.6	742.6	748.5	748.5	754.5	752.5	753.5	759.4	768.3	767.4
40°	708.0	706.0	708.0	712.9	714.9	719.8	717.9	719.8	727.8	735.7	738.6
42.5°	671.3	670.3	672.3	677.3	679.2	684.2	683.2	686.2	694.1	706.0	709.9
45°	633.7	633.7	635.7	640.6	642.6	648.5	647.6	651.5	661.4	674.3	681.2
47.5°	596.1	597.1	598.0	604.0	604.0	613.9	610.9	616.9	629.7	644.6	652.5
50°	557.4	559.4	560.4	565.4	567.4	576.3	574.3	584.2	598.0	613.9	624.8
52.5°	518.8	520.8	522.8	526.8	528.7	539.6	537.6	550.5	567.4	584.2	596.1
55°	478.2	482.2	483.2	488.1	491.1	502.0	502.0	516.9	534.7	553.5	568.3
57.5°	438.6	442.6	443.6	449.5	453.5	466.4	468.3	485.2	505.0	523.8	541.6
60°	398.0	403.0	404.0	409.9	416.8	430.7	433.7	452.5	474.3	494.1	514.9
62.5°	357.4	362.4	364.4	370.3	381.2	395.1	400.0	421.8	444.6	466.4	489.1
65°	316.8	321.8	324.8	332.7	345.6	360.4	367.3	390.1	415.9	438.6	462.4
67.5°	276.2	282.2	286.2	296.1	312.9	328.7	335.7	361.4	388.1	412.9	437.6
70°	236.6	242.6	247.5	260.4	280.2	296.1	305.0	332.7	360.4	387.1	414.9
72.5°	198.0	204.0	210.9	226.7	248.5	266.3	276.2	305.0	335.7	362.4	391.1
75°	158.4	165.4	173.3	195.1	219.8	237.6	248.5	279.2	310.9	337.6	368.3
77.5°	122.8	129.7	141.6	163.4	191.1	210.9	222.8	255.5	288.1	314.9	346.5
80°	90.1	97.0	112.9	136.6	165.4	184.2	199.0	232.7	266.3	294.1	325.8
82.5°	61.4	68.3	87.1	112.9	143.6	162.4	176.2	211.9	245.6	274.3	306.0
85°	35.6	45.5	65.3	93.1	124.8	143.6	157.4	194.1	226.7	255.5	288.1
87.5°	15.8	27.7	49.5	77.2	108.9	126.7	141.6	175.3	209.9	238.6	271.3
90°	1.0	15.8	38.6	65.3	96.0	112.9	126.7	160.4	193.1	222.8	254.5
92.5°	2.0	10.9	31.7	56.4	85.2	102.0	115.8	147.5	178.2	208.9	239.6
95°	5.0	10.9	27.7	50.5	77.2	93.1	105.9	136.6	165.4	195.1	224.8
97.5°	7.9	11.9	26.7	47.5	71.3	86.1	98.0	126.7	155.5	182.2	211.9
100°	10.9	14.9	26.7	45.5	67.3	81.2	92.1	118.8	145.6	170.3	200.0
102.5°	13.9	17.8	28.7	45.5	65.3	77.2	88.1	112.9	137.6	160.4	188.1
105°	17.8	20.8	30.7	45.5	63.4	75.3	84.2	106.9	130.7	152.5	177.2
107.5°	21.8	23.8	32.7	46.5	63.4	73.3	82.2	103.0	124.8	144.6	168.3
110°	26.7	27.7	35.6	48.5	63.4	72.3	80.2	100.0	119.8	138.6	160.4



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	30.7	30.7	38.6	50.5	63.4	72.3	79.2	97.0	115.8	132.7	153.5
115°	35.6	35.6	41.6	52.5	64.4	72.3	79.2	96.0	112.9	127.7	147.5
117.5°	39.6	39.6	45.5	54.5	66.3	73.3	79.2	94.1	109.9	123.8	141.6
120°	43.6	43.6	47.5	56.4	67.3	74.3	79.2	93.1	106.9	120.8	136.6
122.5°	47.5	47.5	50.5	59.4	68.3	74.3	79.2	92.1	105.0	116.8	131.7
125°	51.5	51.5	53.5	61.4	70.3	75.3	80.2	92.1	104.0	113.9	128.7
127.5°	55.4	54.5	57.4	64.4	71.3	76.2	81.2	92.1	102.0	111.9	124.8
130°	58.4	57.4	61.4	66.3	73.3	77.2	81.2	91.1	101.0	109.9	120.8
132.5°	62.4	60.4	65.3	67.3	75.3	79.2	82.2	91.1	100.0	107.9	118.8
135°	65.3	63.4	68.3	70.3	76.2	80.2	83.2	91.1	99.0	106.9	115.8
137.5°	67.3	66.3	71.3	73.3	77.2	81.2	84.2	91.1	98.0	105.0	113.9
140°	68.3	67.3	71.3	75.3	77.2	81.2	83.2	90.1	97.0	103.0	110.9
142.5°	69.3	69.3	72.3	76.2	77.2	80.2	83.2	89.1	95.1	100.0	108.9
145°	69.3	69.3	72.3	77.2	78.2	79.2	81.2	87.1	92.1	97.0	105.0
147.5°	69.3	69.3	73.3	77.2	79.2	80.2	79.2	85.2	90.1	94.1	101.0
150°	69.3	69.3	73.3	77.2	80.2	81.2	80.2	83.2	87.1	91.1	97.0
152.5°	70.3	70.3	73.3	77.2	80.2	81.2	81.2	81.2	84.2	88.1	94.1
155°	70.3	71.3	73.3	79.2	81.2	82.2	82.2	82.2	81.2	85.2	90.1
157.5°	73.3	74.3	75.3	80.2	82.2	83.2	83.2	83.2	82.2	81.2	86.1
160°	76.2	77.2	78.2	82.2	84.2	85.2	85.2	85.2	83.2	82.2	82.2
162.5°	79.2	81.2	81.2	83.2	85.2	86.1	86.1	87.1	85.2	84.2	83.2
165°	83.2	84.2	84.2	85.2	87.1	88.1	87.1	88.1	87.1	86.1	85.2
167.5°	86.1	87.1	87.1	88.1	88.1	89.1	89.1	89.1	88.1	87.1	87.1
170°	89.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	89.1	87.1	87.1
172.5°	91.1	92.1	92.1	91.1	91.1	91.1	91.1	90.1	88.1	87.1	87.1
175°	92.1	93.1	93.1	92.1	91.1	91.1	91.1	90.1	88.1	87.1	87.1
177.5°	93.1	94.1	93.1	93.1	91.1	91.1	91.1	91.1	89.1	88.1	87.1
180°	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6	1040.6
2.5°	1039.6	1027.8	1035.7	1036.7	1040.6	1036.7	1039.6	1036.7	1044.6	1041.6
5°	1035.7	1024.8	1031.7	1032.7	1037.7	1032.7	1037.7	1035.7	1045.6	1042.6
7.5°	1028.8	1019.8	1025.8	1026.8	1032.7	1027.8	1032.7	1030.7	1042.6	1038.7
10°	1018.9	1011.9	1017.9	1018.9	1024.8	1019.8	1023.8	1021.8	1034.7	1028.8
12.5°	1008.0	1002.0	1007.0	1008.0	1014.9	1009.9	1014.9	1012.9	1025.8	1019.8
15°	992.1	989.2	994.1	996.1	1003.0	999.1	1004.0	1002.0	1015.9	1008.0
17.5°	976.3	974.3	979.2	981.2	989.2	984.2	989.2	987.2	1001.0	993.1
20°	956.5	955.5	960.4	963.4	970.3	965.4	971.3	969.3	984.2	976.3
22.5°	935.7	935.7	939.6	942.6	949.5	945.6	951.5	950.5	965.4	957.5
25°	912.9	913.9	917.9	921.8	929.7	926.8	931.7	931.7	945.6	935.7
27.5°	887.2	892.1	895.1	900.0	907.0	904.0	908.9	909.9	923.8	913.9
30°	860.4	867.4	870.3	876.3	882.2	882.2	887.2	889.1	903.0	893.1
32.5°	832.7	840.6	844.6	852.5	860.4	860.4	867.4	870.3	884.2	875.3
35°	805.0	815.9	820.8	830.7	838.6	839.6	846.6	850.5	864.4	855.5
37.5°	778.3	792.1	797.1	808.9	815.9	817.9	825.8	830.7	843.6	835.7
40°	750.5	767.4	773.3	786.2	792.1	796.1	804.0	809.9	821.8	814.9
42.5°	723.8	742.6	748.5	762.4	769.3	773.3	781.2	789.1	801.0	794.1
45°	697.1	717.9	724.8	739.6	745.6	751.5	760.4	767.4	778.3	772.3
47.5°	671.3	693.1	700.0	715.9	722.8	729.7	737.7	747.6	757.5	751.5
50°	644.6	667.4	676.3	693.1	699.0	707.0	716.9	725.8	735.7	730.7
52.5°	618.8	642.6	651.5	669.3	676.3	684.2	694.1	704.0	712.9	708.9
55°	591.1	616.9	626.8	645.6	652.5	660.4	671.3	682.2	690.1	687.2
57.5°	565.4	592.1	602.0	622.8	628.7	638.6	649.5	661.4	668.3	665.4
60°	539.6	566.4	578.2	599.0	606.0	615.9	626.8	639.6	645.6	643.6
62.5°	513.9	541.6	554.5	576.3	582.2	593.1	606.0	616.9	622.8	621.8
65°	490.1	516.9	531.7	553.5	559.4	571.3	583.2	595.1	601.0	601.0
67.5°	465.4	494.1	508.9	531.7	536.7	549.5	562.4	574.3	579.2	579.2
70°	442.6	470.3	487.1	509.9	514.9	526.8	540.6	553.5	557.4	558.4
72.5°	419.8	447.5	465.4	489.1	494.1	506.0	518.8	532.7	535.7	536.7
75°	398.0	425.8	443.6	467.3	472.3	484.2	498.0	510.9	514.9	515.9
77.5°	376.3	404.0	423.8	446.6	451.5	463.4	477.2	490.1	493.1	495.1
80°	356.5	383.2	402.0	426.8	431.7	443.6	456.5	469.3	471.3	474.3
82.5°	336.6	363.4	383.2	406.9	411.9	423.8	436.7	449.5	451.5	455.5
85°	317.8	344.6	364.4	387.1	393.1	404.0	417.8	429.7	431.7	434.7
87.5°	301.0	325.8	346.5	368.3	374.3	385.2	399.0	410.9	411.9	415.9
90°	283.2	307.9	328.7	350.5	356.5	366.4	380.2	392.1	394.1	397.0
92.5°	268.3	291.1	312.9	333.7	338.6	349.5	362.4	374.3	376.3	379.2
95°	252.5	275.3	297.0	316.8	321.8	332.7	344.6	356.5	358.4	361.4
97.5°	238.6	260.4	281.2	301.0	306.0	315.9	328.7	339.6	341.6	345.6
100°	225.8	246.5	268.3	286.2	291.1	301.0	312.9	323.8	325.8	329.7
102.5°	213.9	233.7	254.5	271.3	277.2	286.2	298.0	307.9	309.9	312.9
105°	203.0	221.8	241.6	257.4	263.4	272.3	283.2	293.1	295.1	298.0
107.5°	192.1	209.9	228.7	244.6	249.5	257.4	268.3	278.2	280.2	284.2
110°	182.2	200.0	217.8	232.7	238.6	244.6	255.5	264.4	266.3	269.3



TEST NUMBER: P894322

CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC83-MID-4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	173.3	189.1	206.9	220.8	225.8	232.7	241.6	250.5	252.5	256.4
115°	165.4	180.2	198.0	210.9	214.9	220.8	230.7	238.6	240.6	243.6
117.5°	158.4	171.3	187.1	200.0	205.0	209.9	218.8	225.8	228.7	230.7
120°	152.5	164.4	178.2	190.1	196.0	200.0	207.9	214.9	217.8	219.8
122.5°	146.5	157.4	170.3	181.2	186.1	189.1	198.0	204.0	206.9	209.9
125°	141.6	151.5	163.4	172.3	177.2	180.2	188.1	194.1	197.0	199.0
127.5°	136.6	145.6	157.4	164.4	169.3	171.3	178.2	184.2	187.1	188.1
130°	131.7	140.6	150.5	157.4	161.4	164.4	170.3	174.3	177.2	178.2
132.5°	127.7	135.6	144.6	151.5	155.5	156.4	162.4	166.3	169.3	170.3
135°	124.8	130.7	139.6	145.6	148.5	150.5	155.5	158.4	161.4	162.4
137.5°	120.8	126.7	134.7	138.6	142.6	143.6	148.5	151.5	154.5	155.5
140°	117.8	122.8	129.7	133.7	137.6	137.6	141.6	144.6	147.5	147.5
142.5°	114.9	119.8	125.7	129.7	132.7	132.7	136.6	138.6	141.6	141.6
145°	110.9	115.8	121.8	124.8	127.7	127.7	130.7	132.7	135.6	135.6
147.5°	106.9	111.9	117.8	119.8	122.8	122.8	125.7	127.7	129.7	129.7
150°	102.0	105.9	112.9	115.8	118.8	118.8	120.8	122.8	124.8	124.8
152.5°	98.0	101.0	106.9	110.9	113.9	113.9	115.8	117.8	119.8	119.8
155°	93.1	96.0	101.0	105.9	108.9	109.9	111.9	112.9	114.9	114.9
157.5°	89.1	92.1	96.0	100.0	103.0	105.0	107.9	108.9	109.9	109.9
160°	84.2	86.1	90.1	94.1	97.0	99.0	104.0	105.0	105.9	105.9
162.5°	82.2	82.2	84.2	87.1	90.1	91.1	96.0	100.0	102.0	101.0
165°	83.2	82.2	82.2	83.2	85.2	86.1	89.1	95.1	97.0	96.0
167.5°	85.2	83.2	82.2	82.2	84.2	84.2	87.1	92.1	98.0	96.0
170°	85.2	82.2	80.2	80.2	81.2	81.2	83.2	86.1	92.1	93.1
172.5°	84.2	82.2	79.2	75.3	76.2	75.3	74.3	76.2	77.2	87.1
175°	85.2	82.2	79.2	74.3	72.3	69.3	64.4	60.4	59.4	48.5
177.5°	84.2	81.2	77.2	73.3	71.3	67.3	61.4	54.5	50.5	44.6
180°	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2



TEST NUMBER: P894322
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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	13.89	15.20	14.53	15.86	16.63	17.43	18.74	18.07	19.41	20.18
	3H	15.24	16.43	15.89	17.11	17.91	20.35	21.55	21.00	22.22	23.02
	4H	15.64	16.78	16.31	17.47	18.28	21.82	22.96	22.50	23.65	24.46
	6H	15.86	16.92	16.54	17.61	18.44	23.38	24.44	24.07	25.14	25.97
	8H	15.89	16.91	16.59	17.63	18.46	24.19	25.21	24.89	25.93	26.76
	12H	15.89	16.87	16.60	17.58	18.44	25.07	26.05	25.77	26.76	27.62
4H	2H	15.03	16.17	15.70	16.85	17.67	17.75	18.89	18.43	19.58	20.39
	3H	16.67	17.65	17.36	18.37	19.20	20.90	21.88	21.59	22.60	23.43
	4H	17.24	18.14	17.94	18.87	19.73	22.55	23.45	23.26	24.18	25.04
	6H	17.58	18.38	18.30	19.13	20.00	24.32	25.12	25.04	25.87	26.74
	8H	17.66	18.41	18.38	19.15	20.04	25.26	26.01	25.98	26.76	27.64
	12H	17.68	18.37	18.43	19.14	20.03	26.28	26.96	27.03	27.73	28.62
8H	4H	18.33	19.08	19.05	19.82	20.71	22.73	23.48	23.45	24.22	25.11
	6H	18.94	19.58	19.69	20.36	21.25	24.68	25.32	25.43	26.10	26.99
	8H	19.13	19.71	19.90	20.50	21.40	25.76	26.34	26.52	27.13	28.02
	12H	19.24	19.76	20.01	20.54	21.50	26.98	27.50	27.75	28.27	29.23
12H	4H	18.68	19.36	19.43	20.13	21.02	22.72	23.41	23.47	24.18	25.06
	6H	19.46	20.04	20.22	20.82	21.72	24.71	25.29	25.47	26.07	26.97
	8H	19.79	20.30	20.56	21.08	22.04	25.85	26.37	26.62	27.15	28.11