

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: P893744

Luminaire Tested: 4MB-6SL-FLTU-UNV-L950

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893744
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-6)
Test Lab: INNOVATION CENTER
Issue Date: 11/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 4MB-6SL-FLTU-UNV-L950
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 90CRI, 500
Light Source: -
Ballast/Driver: -

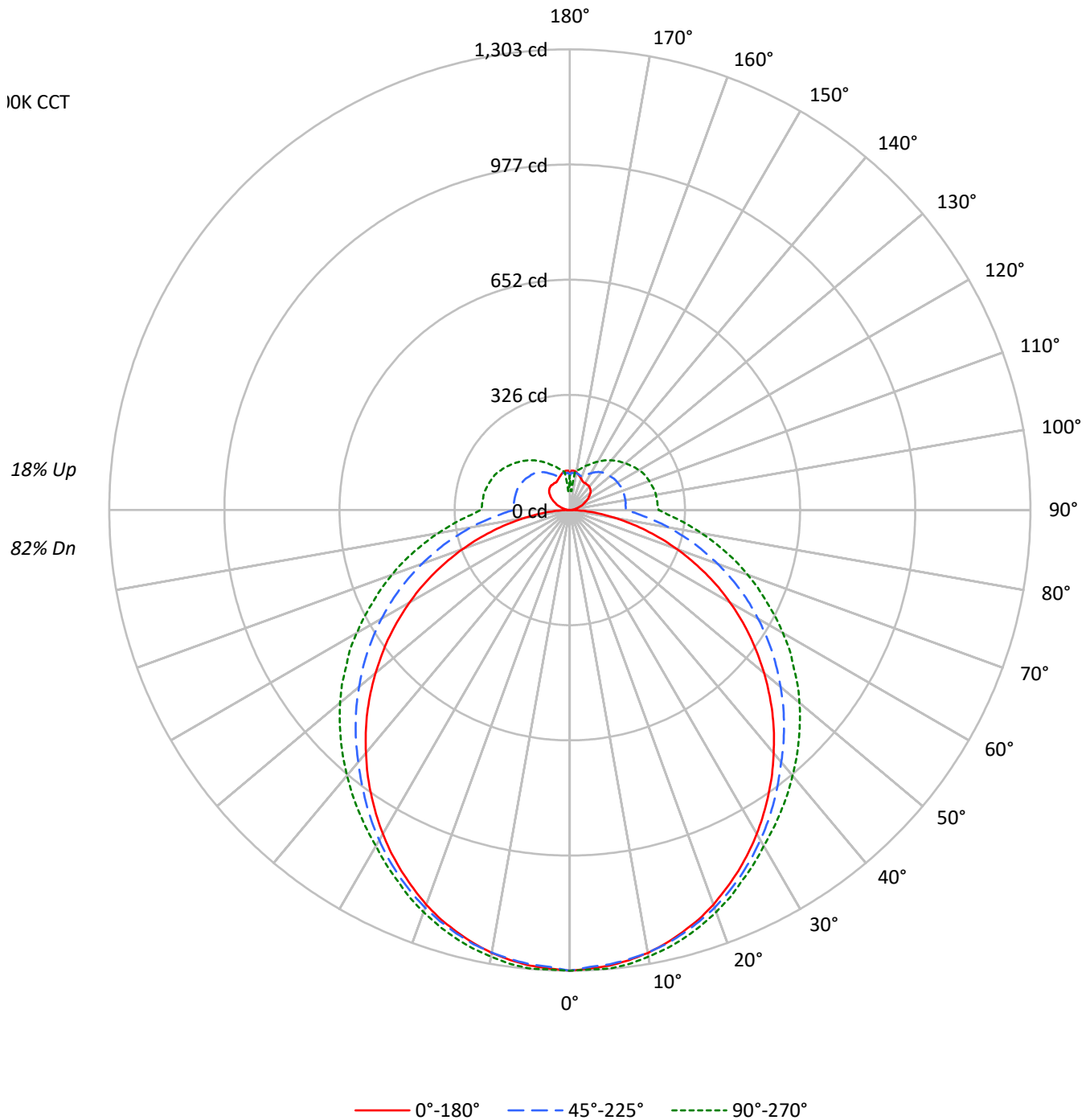
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4926.0 lumens
Efficiency: N/A
Efficacy: 110.9 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.26 / 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): 44.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 4
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P893744
CATALOG NUMBER: 4MB-6SL-FLTU-UNV-L950

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	115	115	115	115	110	110	110	110	101	101	101	93	93	93	86	86	86	86	86	86	82
1	103	98	93	89	99	94	90	86	86	83	80	79	77	74	73	71	69	69	69	69	66
2	93	85	77	71	89	81	75	69	75	69	65	69	64	61	63	60	57	57	57	57	54
3	85	74	65	59	81	71	63	57	65	59	54	60	55	51	55	51	48	48	48	48	45
4	77	65	56	49	74	63	54	48	58	51	45	53	48	43	49	45	41	41	41	41	38
5	71	58	49	42	68	56	47	41	52	45	39	48	42	37	44	39	35	35	35	35	32
6	66	52	43	37	62	50	42	36	47	39	34	43	37	32	40	35	31	31	31	31	28
7	61	47	38	32	58	45	37	31	42	35	30	39	33	29	37	31	27	27	27	27	25
8	56	43	34	29	54	41	33	28	39	32	27	36	30	26	34	28	24	24	24	24	22
9	53	39	31	26	50	38	30	25	35	29	24	33	27	23	31	26	22	22	22	22	20
10	49	36	28	23	47	35	28	23	33	26	22	31	25	21	29	24	20	20	20	20	18

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	9271	9271	9271
5°	9196	8883	8872
10°	9107	8543	8451
15°	8973	8200	8048
20°	8824	7851	7640
25°	8636	7487	7225
30°	8436	7114	6847
35°	8215	6741	6536
40°	7982	6373	6239
45°	7749	6052	5956
50°	7476	5720	5681
55°	7183	5394	5374
60°	6831	5045	5082
65°	6412	4677	4753
70°	5865	4273	4446
75°	5117	3861	4115
80°	4135	3420	3775
85°	2855	2971	3464

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7749 cd/sqm



TEST NUMBER: P893744

CATALOG NUMBER: 4MB-6SL-FLTU-UNV-L950

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.2	2.5
10°-20°	351.5	7.1
20°-30°	528.0	10.7
30°-40°	634.0	12.9
40°-50°	666.7	13.5
50°-60°	626.4	12.7
60°-70°	520.9	10.6
70°-80°	371.7	7.5
80°-90°	221.2	4.5
90°-100°	160.2	3.3
100°-110°	158.0	3.2
110°-120°	148.4	3.0
120°-130°	131.5	2.7
130°-140°	109.0	2.2
140°-150°	81.6	1.7
150°-160°	53.7	1.1
160°-170°	30.4	0.6
170°-180°	9.7	0.2
0°-30°	1002.7	20.4
0°-40°	1636.7	33.2
0°-60°	2929.7	59.5
0°-90°	4043.5	82.1
90°-120°	466.6	9.5
90°-150°	788.7	16.0
90°-180°	882.0	17.9
0°-180°	4926.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1303	1303	1303	1303	1303	
5°	1294	1309	1290	1294	1302	123
15°	1235	1254	1240	1248	1253	348
25°	1127	1148	1142	1153	1156	519
35°	980	1003	1007	1032	1041	613
45°	810	833	857	901	916	625
55°	622	647	698	756	772	556
65°	424	458	531	597	614	419
75°	222	272	363	433	456	236
85°	56	123	213	284	308	61
90°	0	70	158	227	251	4
95°	6	74	158	225	249	7
105°	23	82	160	222	244	24
115°	44	89	158	213	234	44
125°	67	95	154	200	215	59
135°	82	100	145	182	195	63
145°	87	98	131	162	171	55
155°	88	99	111	137	145	41
165°	101	107	104	105	121	28
175°	112	111	105	89	54	11
180°	98	98	98	98	98	



TEST NUMBER: P893744

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0
2.5°	1298.3	1301.8	1303.0	1314.9	1310.2	1314.9	1306.6	1297.1	1294.7	1300.6	1293.5
5°	1293.5	1297.1	1298.3	1310.2	1305.4	1309.0	1301.8	1292.3	1289.9	1297.1	1289.9
7.5°	1284.0	1287.5	1288.7	1301.8	1295.9	1300.6	1292.3	1282.8	1281.6	1288.7	1281.6
10°	1272.1	1275.6	1276.8	1288.7	1284.0	1288.7	1280.4	1270.9	1269.7	1278.0	1270.9
12.5°	1255.4	1259.0	1261.4	1273.3	1267.3	1273.3	1263.7	1254.2	1255.4	1262.6	1257.8
15°	1235.2	1239.9	1241.1	1253.0	1248.3	1254.2	1244.7	1235.2	1237.6	1244.7	1239.9
17.5°	1213.8	1218.5	1219.7	1230.4	1225.7	1232.8	1222.1	1213.8	1216.1	1223.3	1219.7
20°	1187.6	1192.3	1194.7	1205.4	1200.7	1207.8	1197.1	1190.0	1192.3	1200.7	1197.1
22.5°	1157.8	1165.0	1166.2	1178.1	1172.1	1179.3	1168.5	1162.6	1166.2	1174.5	1170.9
25°	1126.9	1134.0	1135.2	1147.1	1142.4	1148.3	1137.6	1131.7	1136.4	1144.7	1142.4
27.5°	1093.6	1100.7	1103.1	1113.8	1109.0	1116.2	1104.3	1100.7	1105.5	1113.8	1111.4
30°	1057.9	1065.0	1066.2	1076.9	1073.3	1080.5	1069.8	1065.0	1072.2	1080.5	1078.1
32.5°	1019.8	1026.9	1030.5	1040.0	1036.5	1042.4	1032.9	1030.5	1036.5	1044.8	1043.6
35°	980.5	987.7	991.2	1001.9	997.2	1003.1	993.6	991.2	1000.8	1006.7	1006.7
37.5°	940.1	947.2	950.8	961.5	955.5	962.7	953.2	952.0	962.7	968.6	968.6
40°	897.2	905.6	909.1	918.7	913.9	919.8	911.5	912.7	922.2	929.4	930.6
42.5°	854.4	862.7	866.3	877.0	871.1	877.0	869.9	871.1	881.8	888.9	894.9
45°	810.4	817.5	821.1	833.0	825.8	833.0	825.8	828.2	838.9	849.6	856.8
47.5°	764.0	771.1	777.0	786.6	780.6	786.6	781.8	785.4	798.5	809.2	818.7
50°	717.5	724.7	730.6	739.0	733.0	741.3	735.4	740.2	756.8	767.5	778.2
52.5°	669.9	675.9	685.4	690.2	685.4	694.9	690.2	697.3	714.0	727.1	739.0
55°	622.4	628.3	637.8	641.4	636.6	647.3	643.8	653.3	671.1	685.4	698.5
57.5°	573.6	579.5	587.8	591.4	587.8	599.7	598.6	609.3	627.1	642.6	656.9
60°	523.6	529.5	536.7	540.2	540.2	552.1	552.1	565.2	584.3	598.6	615.2
62.5°	474.8	478.4	485.5	490.3	493.8	505.7	505.7	520.0	540.2	556.9	573.6
65°	423.6	427.2	433.1	439.1	445.0	458.1	459.3	474.8	495.0	511.7	530.7
67.5°	372.5	376.0	382.0	389.1	397.4	410.5	412.9	429.6	451.0	470.0	487.9
70°	322.5	323.7	330.8	340.3	349.8	362.9	366.5	384.4	407.0	426.0	445.0
72.5°	272.5	273.7	280.8	292.7	303.4	317.7	322.5	341.5	364.1	383.2	402.2
75°	222.5	223.7	233.2	247.5	259.4	272.5	278.5	298.7	321.3	341.5	362.9
77.5°	174.9	177.3	186.8	201.1	215.4	230.9	236.8	257.0	282.0	301.1	321.3
80°	130.9	133.3	144.0	159.5	174.9	189.2	196.3	216.6	242.8	261.8	284.4
82.5°	90.4	94.0	107.1	123.8	139.2	154.7	161.8	180.9	204.7	226.1	247.5
85°	55.9	60.7	73.8	91.6	108.3	122.6	129.7	149.9	172.5	192.8	213.0
87.5°	26.2	33.3	46.4	64.3	82.1	94.0	102.3	122.6	144.0	164.2	184.4
90°	0.0	10.7	23.8	41.6	59.5	70.2	79.7	98.8	120.2	139.2	158.3
92.5°	2.4	11.9	26.2	42.8	60.7	71.4	80.9	100.0	120.2	139.2	158.3
95°	5.9	13.1	27.4	45.2	63.1	73.8	82.1	101.1	121.4	140.4	158.3
97.5°	10.7	16.7	30.9	47.6	65.4	75.0	84.5	103.5	122.6	141.6	159.5
100°	14.3	19.0	33.3	50.0	67.8	77.3	86.9	104.7	123.8	142.8	159.5
102.5°	17.8	23.8	36.9	52.4	70.2	79.7	88.1	105.9	124.9	142.8	159.5
105°	22.6	27.4	39.3	55.9	72.6	82.1	90.4	108.3	126.1	144.0	159.5
107.5°	27.4	30.9	42.8	58.3	75.0	83.3	91.6	109.5	127.3	144.0	159.5
110°	33.3	35.7	46.4	60.7	76.2	85.7	94.0	110.7	127.3	144.0	159.5



TEST NUMBER: P893744

CATALOG NUMBER: 4MB-6SL-FLTU-UNV-L950

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	39.3	39.3	50.0	63.1	78.5	86.9	95.2	111.9	128.5	144.0	159.5
115°	44.0	45.2	53.5	65.4	80.9	89.2	96.4	111.9	128.5	144.0	158.3
117.5°	50.0	50.0	58.3	67.8	82.1	90.4	98.8	113.0	128.5	142.8	157.1
120°	55.9	54.7	61.9	71.4	84.5	91.6	100.0	114.2	128.5	142.8	155.9
122.5°	61.9	59.5	64.3	73.8	85.7	94.0	100.0	114.2	128.5	141.6	154.7
125°	66.6	64.3	67.8	77.3	88.1	95.2	101.1	114.2	128.5	140.4	153.5
127.5°	71.4	69.0	72.6	79.7	89.2	95.2	102.3	114.2	128.5	139.2	151.1
130°	76.2	72.6	77.3	82.1	91.6	96.4	102.3	114.2	127.3	138.0	148.7
132.5°	79.7	76.2	80.9	84.5	92.8	97.6	103.5	114.2	126.1	136.8	147.6
135°	82.1	78.5	84.5	86.9	95.2	100.0	104.7	114.2	124.9	135.7	145.2
137.5°	84.5	79.7	86.9	89.2	96.4	101.1	104.7	113.0	123.8	133.3	142.8
140°	85.7	82.1	89.2	91.6	95.2	100.0	104.7	111.9	121.4	130.9	139.2
142.5°	86.9	82.1	90.4	92.8	95.2	98.8	103.5	109.5	119.0	127.3	135.7
145°	86.9	83.3	90.4	92.8	95.2	97.6	101.1	108.3	115.4	122.6	130.9
147.5°	86.9	84.5	91.6	94.0	96.4	96.4	98.8	105.9	111.9	119.0	126.1
150°	88.1	84.5	91.6	94.0	97.6	97.6	98.8	102.3	109.5	114.2	120.2
152.5°	86.9	85.7	90.4	95.2	97.6	98.8	98.8	100.0	105.9	110.7	115.4
155°	88.1	88.1	91.6	97.6	98.8	98.8	100.0	98.8	101.1	105.9	110.7
157.5°	90.4	92.8	92.8	98.8	101.1	101.1	102.3	101.1	100.0	101.1	105.9
160°	94.0	96.4	96.4	100.0	103.5	103.5	104.7	103.5	102.3	101.1	101.1
162.5°	97.6	100.0	100.0	101.1	104.7	105.9	107.1	105.9	104.7	102.3	101.1
165°	101.1	103.5	103.5	103.5	105.9	107.1	108.3	107.1	107.1	104.7	103.5
167.5°	104.7	107.1	107.1	105.9	107.1	108.3	109.5	108.3	108.3	107.1	104.7
170°	108.3	110.7	110.7	108.3	109.5	109.5	110.7	109.5	109.5	107.1	105.9
172.5°	110.7	113.0	111.9	110.7	110.7	110.7	110.7	109.5	108.3	105.9	105.9
175°	111.9	114.2	114.2	111.9	110.7	110.7	111.9	109.5	108.3	107.1	104.7
177.5°	111.9	114.2	114.2	111.9	111.9	110.7	111.9	110.7	110.7	108.3	105.9
180°	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6



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CATALOG NUMBER: 4MB-6SL-FLTU-UNV-L950

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0	1303.0
2.5°	1298.3	1297.1	1289.9	1298.3	1298.3	1295.9	1305.4	1304.2	1303.0	1300.6
5°	1293.5	1292.3	1285.2	1293.5	1293.5	1292.3	1301.8	1303.0	1304.2	1301.8
7.5°	1286.4	1285.2	1278.0	1286.4	1286.4	1285.2	1295.9	1297.1	1298.3	1294.7
10°	1275.6	1274.5	1267.3	1275.6	1276.8	1275.6	1284.0	1285.2	1287.5	1282.8
12.5°	1261.4	1261.4	1254.2	1262.6	1263.7	1262.6	1270.9	1273.3	1275.6	1269.7
15°	1243.5	1244.7	1238.8	1247.1	1248.3	1248.3	1256.6	1257.8	1261.4	1253.0
17.5°	1222.1	1224.5	1219.7	1228.0	1229.2	1230.4	1235.2	1238.8	1242.3	1232.8
20°	1199.5	1200.7	1197.1	1204.2	1206.6	1205.4	1211.4	1216.1	1219.7	1210.2
22.5°	1172.1	1173.3	1169.7	1176.9	1179.3	1180.4	1185.2	1191.2	1193.5	1185.2
25°	1141.2	1145.9	1143.6	1150.7	1153.1	1153.1	1157.8	1163.8	1167.4	1155.5
27.5°	1111.4	1117.4	1115.0	1122.1	1124.5	1125.7	1128.1	1135.2	1138.8	1128.1
30°	1078.1	1085.2	1084.1	1091.2	1093.6	1092.4	1097.1	1104.3	1109.0	1097.1
32.5°	1041.2	1050.7	1049.5	1059.1	1061.4	1062.6	1066.2	1075.7	1080.5	1069.8
35°	1005.5	1016.2	1017.4	1028.1	1031.7	1032.9	1037.6	1047.2	1051.9	1041.2
37.5°	968.6	982.9	986.5	997.2	1000.8	1001.9	1006.7	1017.4	1022.2	1011.5
40°	932.9	949.6	954.4	963.9	967.4	971.0	974.6	985.3	991.2	980.5
42.5°	897.2	915.1	921.0	930.6	934.1	937.7	942.5	954.4	959.1	949.6
45°	860.3	879.4	886.5	896.0	900.8	904.4	909.1	919.8	925.8	916.3
47.5°	823.5	842.5	849.6	860.3	865.1	869.9	873.4	886.5	892.5	883.0
50°	784.2	805.6	813.9	823.5	830.6	834.2	838.9	850.8	856.8	848.4
52.5°	744.9	767.5	777.0	786.6	793.7	799.7	802.0	815.1	821.1	812.7
55°	704.5	727.1	737.8	748.5	755.6	762.8	765.1	778.2	784.2	772.3
57.5°	664.0	687.8	698.5	710.4	716.4	724.7	728.3	740.2	746.1	737.8
60°	623.5	646.2	659.2	669.9	678.3	685.4	687.8	700.9	706.8	696.1
62.5°	581.9	605.7	618.8	630.7	637.8	646.2	649.7	661.6	666.4	655.7
65°	539.1	562.9	577.1	587.8	597.4	604.5	606.9	620.0	624.7	614.0
67.5°	496.2	520.0	535.5	547.4	555.7	564.0	566.4	579.5	584.3	575.9
70°	454.6	478.4	493.8	508.1	514.1	522.4	526.0	537.9	542.6	535.5
72.5°	412.9	436.7	453.4	467.7	473.6	481.9	486.7	496.2	503.4	497.4
75°	372.5	396.3	412.9	427.2	433.1	441.5	446.2	455.8	460.5	455.8
77.5°	333.2	357.0	372.5	386.7	393.9	401.0	405.8	415.3	421.2	416.5
80°	295.1	318.9	334.4	347.5	354.6	361.7	366.5	377.2	382.0	378.4
82.5°	259.4	282.0	298.7	311.8	318.9	326.1	330.8	340.3	346.3	341.5
85°	227.3	249.9	265.4	278.5	284.4	291.5	296.3	305.8	310.6	308.2
87.5°	196.3	216.6	234.4	247.5	253.5	260.6	266.6	273.7	279.6	276.1
90°	172.5	190.4	207.1	220.1	227.3	234.4	241.6	248.7	253.5	251.1
92.5°	173.7	190.4	205.9	217.8	224.9	232.0	239.2	247.5	251.1	248.7
95°	173.7	190.4	205.9	217.8	224.9	232.0	239.2	247.5	251.1	248.7
97.5°	173.7	190.4	205.9	217.8	224.9	232.0	239.2	247.5	251.1	247.5
100°	173.7	190.4	205.9	217.8	224.9	230.9	238.0	246.3	249.9	247.5
102.5°	173.7	190.4	204.7	216.6	223.7	229.7	236.8	245.1	248.7	246.3
105°	173.7	189.2	204.7	215.4	222.5	228.5	235.6	242.8	246.3	243.9
107.5°	172.5	188.0	202.3	214.2	220.1	226.1	233.2	240.4	243.9	241.6
110°	172.5	186.8	201.1	211.8	217.8	223.7	230.9	238.0	241.6	239.2



TEST NUMBER: P893744

CATALOG NUMBER: 4MB-6SL-FLTU-UNV-L950

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	171.4	185.6	199.9	209.4	215.4	221.3	227.3	235.6	239.2	236.8
115°	170.2	184.4	197.5	207.1	213.0	217.8	224.9	233.2	235.6	234.4
117.5°	169.0	182.1	195.2	204.7	210.6	215.4	221.3	228.5	232.0	230.9
120°	167.8	179.7	192.8	201.1	207.1	211.8	216.6	223.7	227.3	224.9
122.5°	165.4	177.3	190.4	198.7	203.5	208.2	213.0	219.0	222.5	221.3
125°	163.0	174.9	186.8	195.2	199.9	203.5	208.2	214.2	216.6	215.4
127.5°	160.6	172.5	183.3	190.4	196.3	199.9	203.5	209.4	211.8	210.6
130°	158.3	169.0	179.7	186.8	191.6	195.2	198.7	204.7	205.9	205.9
132.5°	155.9	165.4	176.1	183.3	188.0	190.4	194.0	198.7	201.1	199.9
135°	153.5	161.8	172.5	178.5	182.1	185.6	189.2	194.0	195.2	195.2
137.5°	149.9	158.3	167.8	173.7	177.3	179.7	183.3	188.0	189.2	189.2
140°	146.4	154.7	163.0	167.8	172.5	174.9	177.3	182.1	183.3	183.3
142.5°	142.8	149.9	158.3	163.0	167.8	169.0	172.5	176.1	177.3	177.3
145°	138.0	146.4	153.5	158.3	161.8	163.0	166.6	170.2	170.2	171.4
147.5°	132.1	139.2	148.7	152.3	155.9	157.1	160.6	163.0	164.2	164.2
150°	126.1	133.3	141.6	147.6	151.1	152.3	153.5	157.1	157.1	158.3
152.5°	120.2	126.1	134.5	140.4	145.2	146.4	147.6	149.9	149.9	151.1
155°	114.2	119.0	126.1	132.1	136.8	139.2	141.6	144.0	144.0	145.2
157.5°	109.5	114.2	120.2	124.9	128.5	132.1	135.7	138.0	138.0	138.0
160°	103.5	107.1	113.0	116.6	121.4	123.8	129.7	132.1	132.1	133.3
162.5°	100.0	101.1	104.7	108.3	111.9	114.2	120.2	126.1	126.1	127.3
165°	101.1	100.0	101.1	102.3	104.7	105.9	109.5	117.8	120.2	121.4
167.5°	103.5	100.0	100.0	100.0	102.3	102.3	105.9	110.7	119.0	116.6
170°	103.5	100.0	97.6	97.6	98.8	97.6	100.0	103.5	108.3	113.0
172.5°	104.7	101.1	97.6	92.8	94.0	92.8	90.4	90.4	91.6	107.1
175°	103.5	101.1	96.4	90.4	89.2	85.7	78.5	72.6	69.0	53.5
177.5°	102.3	98.8	95.2	90.4	88.1	84.5	76.2	66.6	57.1	54.7
180°	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6



TEST NUMBER: P893744
 CATALOG NUMBER: 4MB-6SL-FLTU-UNV-L950

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	15.42	16.74	16.03	17.37	18.09	17.97	19.29	18.59	19.92	20.65
	3H	16.83	18.03	17.45	18.67	19.42	20.40	21.60	21.03	22.24	23.00
	4H	17.25	18.39	17.90	19.05	19.82	21.54	22.68	22.19	23.33	24.10
	6H	17.49	18.55	18.15	19.21	20.00	22.68	23.73	23.34	24.40	25.18
	8H	17.53	18.55	18.21	19.23	20.02	23.24	24.25	23.91	24.93	25.72
	12H	17.54	18.51	18.22	19.19	20.01	23.82	24.79	24.50	25.47	26.29
4H	2H	16.31	17.45	16.96	18.10	18.87	18.32	19.46	18.97	20.11	20.88
	3H	17.93	18.90	18.60	19.59	20.38	20.95	21.92	21.61	22.61	23.40
	4H	18.49	19.37	19.17	20.07	20.89	22.24	23.13	22.92	23.82	24.64
	6H	18.83	19.61	19.53	20.33	21.15	23.55	24.33	24.25	25.05	25.88
	8H	18.90	19.64	19.61	20.35	21.19	24.21	24.94	24.91	25.66	26.50
	12H	18.93	19.60	19.66	20.34	21.19	24.91	25.58	25.64	26.32	27.16
8H	4H	19.14	19.87	19.84	20.59	21.43	22.39	23.13	23.10	23.84	24.69
	6H	19.64	20.26	20.38	21.02	21.86	23.85	24.47	24.58	25.23	26.07
	8H	19.80	20.35	20.54	21.11	21.97	24.63	25.18	25.37	25.95	26.80
	12H	19.89	20.38	20.64	21.13	22.05	25.49	25.98	26.24	26.74	27.65
12H	4H	19.30	19.97	20.03	20.71	21.55	22.38	23.05	23.11	23.79	24.64
	6H	19.90	20.46	20.64	21.22	22.07	23.87	24.42	24.61	25.19	26.04
	8H	20.13	20.63	20.88	21.38	22.30	24.70	25.19	25.45	25.95	26.86