

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: P893740

Luminaire Tested: 4MB-6SL-FLTU-UNV-L850

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P893740
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-L850
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 80CRI, 500
Light Source: -
Ballast/Driver: -

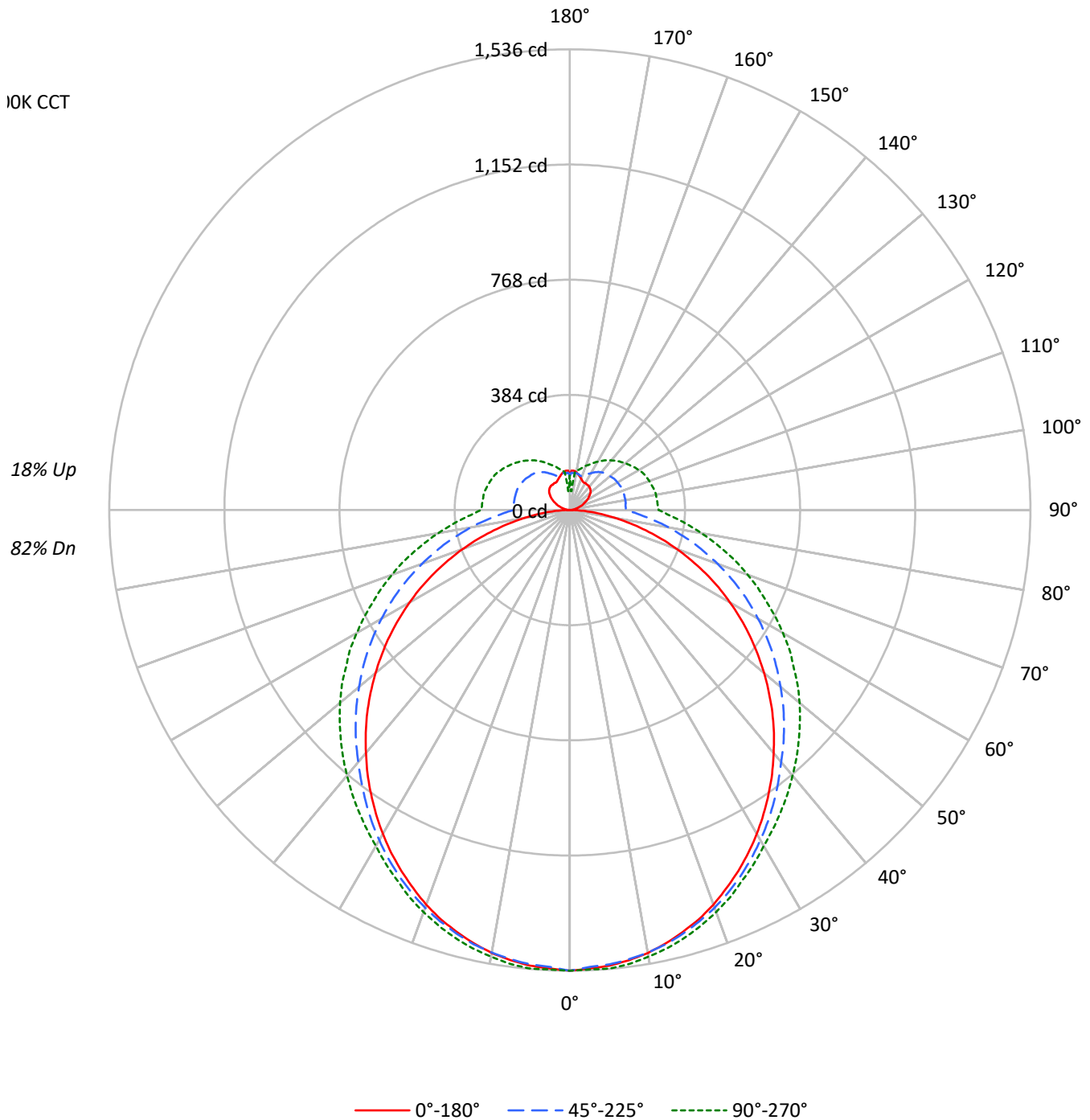
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5807.0 lumens
Efficiency: N/A
Efficacy: 130.8 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

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CATALOG NUMBER: 4MB-6SL-FLTU-UNV-L850

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°	10929	10929	10929
5°	10841	10472	10459
10°	10735	10070	9963
15°	10577	9667	9487
20°	10402	9255	9006
25°	10180	8825	8517
30°	9945	8386	8072
35°	9685	7946	7705
40°	9410	7513	7355
45°	9134	7134	7021
50°	8813	6743	6698
55°	8468	6359	6335
60°	8053	5947	5991
65°	7559	5513	5602
70°	6915	5038	5242
75°	6032	4551	4851
80°	4875	4032	4450
85°	3366	3503	4083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9134 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.2	2.5
10°-20°	414.3	7.1
20°-30°	622.4	10.7
30°-40°	747.4	12.9
40°-50°	785.9	13.5
50°-60°	738.4	12.7
60°-70°	614.0	10.6
70°-80°	438.2	7.5
80°-90°	260.8	4.5
90°-100°	188.8	3.3
100°-110°	186.3	3.2
110°-120°	175.0	3.0
120°-130°	155.0	2.7
130°-140°	128.5	2.2
140°-150°	96.2	1.7
150°-160°	63.2	1.1
160°-170°	35.9	0.6
170°-180°	11.4	0.2
0°-30°	1182.0	20.4
0°-40°	1929.4	33.2
0°-60°	3453.7	59.5
0°-90°	4766.7	82.1
90°-120°	550.1	9.5
90°-150°	929.8	16.0
90°-180°	1040.0	17.9
0°-180°	5807.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1536	1536	1536	1536	1536	
5°	1525	1543	1521	1525	1535	145
15°	1456	1478	1462	1472	1477	411
25°	1328	1354	1347	1359	1362	612
35°	1156	1182	1187	1216	1227	723
45°	955	982	1010	1062	1080	736
55°	734	763	823	891	910	655
65°	499	540	626	704	724	494
75°	262	321	428	511	537	279
85°	66	144	251	335	363	72
90°	0	83	187	268	296	5
95°	7	87	187	265	293	8
105°	27	97	188	262	288	28
115°	52	105	187	251	276	52
125°	79	112	181	236	254	70
135°	97	118	171	215	230	75
145°	102	115	154	191	202	64
155°	104	116	130	161	171	49
165°	119	126	122	123	143	34
175°	132	130	123	105	63	12
180°	115	115	115	115	115	



TEST NUMBER: P893740

CATALOG NUMBER: 4MB-6SL-FLTU-UNV-L850

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0
2.5°	1530.4	1534.6	1536.0	1550.1	1544.5	1550.1	1540.3	1529.0	1526.2	1533.2	1524.8
5°	1524.8	1529.0	1530.4	1544.5	1538.9	1543.1	1534.6	1523.4	1520.6	1529.0	1520.6
7.5°	1513.6	1517.8	1519.2	1534.6	1527.6	1533.2	1523.4	1512.2	1510.8	1519.2	1510.8
10°	1499.6	1503.8	1505.2	1519.2	1513.6	1519.2	1509.4	1498.2	1496.8	1506.6	1498.2
12.5°	1479.9	1484.1	1487.0	1501.0	1494.0	1501.0	1489.8	1478.5	1479.9	1488.4	1482.7
15°	1456.1	1461.7	1463.1	1477.1	1471.5	1478.5	1467.3	1456.1	1458.9	1467.3	1461.7
17.5°	1430.8	1436.5	1437.9	1450.5	1444.9	1453.3	1440.7	1430.8	1433.6	1442.1	1437.9
20°	1400.0	1405.6	1408.4	1421.0	1415.4	1423.8	1411.2	1402.8	1405.6	1415.4	1411.2
22.5°	1364.9	1373.3	1374.7	1388.8	1381.7	1390.2	1377.5	1370.5	1374.7	1384.5	1380.3
25°	1328.4	1336.9	1338.3	1352.3	1346.7	1353.7	1341.1	1334.0	1339.7	1349.5	1346.7
27.5°	1289.2	1297.6	1300.4	1313.0	1307.4	1315.8	1301.8	1297.6	1303.2	1313.0	1310.2
30°	1247.1	1255.5	1256.9	1269.5	1265.3	1273.7	1261.1	1255.5	1263.9	1273.7	1270.9
32.5°	1202.2	1210.6	1214.8	1226.0	1221.8	1228.8	1217.6	1214.8	1221.8	1231.6	1230.2
35°	1155.9	1164.3	1168.5	1181.1	1175.5	1182.5	1171.3	1168.5	1179.7	1186.8	1186.8
37.5°	1108.2	1116.6	1120.8	1133.5	1126.4	1134.9	1123.6	1122.2	1134.9	1141.9	1141.9
40°	1057.7	1067.5	1071.7	1083.0	1077.3	1084.4	1074.5	1075.9	1087.2	1095.6	1097.0
42.5°	1007.2	1017.0	1021.2	1033.9	1026.8	1033.9	1025.4	1026.8	1039.5	1047.9	1054.9
45°	955.3	963.7	967.9	981.9	973.5	981.9	973.5	976.3	989.0	1001.6	1010.0
47.5°	900.6	909.0	916.0	927.2	920.2	927.2	921.6	925.8	941.3	953.9	965.1
50°	845.9	854.3	861.3	871.1	864.1	873.9	866.9	872.5	892.2	904.8	917.4
52.5°	789.8	796.8	808.0	813.6	808.0	819.2	813.6	822.0	841.7	857.1	871.1
55°	733.7	740.7	751.9	756.1	750.5	763.1	758.9	770.1	791.2	808.0	823.4
57.5°	676.1	683.2	693.0	697.2	693.0	707.0	705.6	718.2	739.3	757.5	774.3
60°	617.2	624.2	632.7	636.9	636.9	650.9	650.9	666.3	688.8	705.6	725.2
62.5°	559.7	563.9	572.3	577.9	582.2	596.2	596.2	613.0	636.9	656.5	676.1
65°	499.4	503.6	510.6	517.6	524.6	540.1	541.5	559.7	583.6	603.2	625.6
67.5°	439.1	443.3	450.3	458.7	468.5	484.0	486.8	506.4	531.7	554.1	575.1
70°	380.2	381.6	390.0	401.2	412.4	427.8	432.1	453.1	479.8	502.2	524.6
72.5°	321.2	322.6	331.1	345.1	357.7	374.5	380.2	402.6	429.3	451.7	474.1
75°	262.3	263.7	274.9	291.8	305.8	321.2	328.3	352.1	378.8	402.6	427.8
77.5°	206.2	209.0	220.2	237.1	253.9	272.1	279.2	303.0	332.5	354.9	378.8
80°	154.3	157.1	169.7	188.0	206.2	223.0	231.5	255.3	286.2	308.6	335.3
82.5°	106.6	110.8	126.3	145.9	164.1	182.4	190.8	213.2	241.3	266.5	291.8
85°	65.9	71.5	87.0	108.0	127.7	144.5	152.9	176.8	203.4	227.3	251.1
87.5°	30.9	39.3	54.7	75.8	96.8	110.8	120.6	144.5	169.7	193.6	217.4
90°	0.0	12.6	28.1	49.1	70.1	82.8	94.0	116.4	141.7	164.1	186.6
92.5°	2.8	14.0	30.9	50.5	71.5	84.2	95.4	117.8	141.7	164.1	186.6
95°	7.0	15.4	32.3	53.3	74.3	87.0	96.8	119.2	143.1	165.5	186.6
97.5°	12.6	19.6	36.5	56.1	77.2	88.4	99.6	122.0	144.5	166.9	188.0
100°	16.8	22.4	39.3	58.9	80.0	91.2	102.4	123.4	145.9	168.3	188.0
102.5°	21.0	28.1	43.5	61.7	82.8	94.0	103.8	124.8	147.3	168.3	188.0
105°	26.7	32.3	46.3	65.9	85.6	96.8	106.6	127.7	148.7	169.7	188.0
107.5°	32.3	36.5	50.5	68.7	88.4	98.2	108.0	129.1	150.1	169.7	188.0
110°	39.3	42.1	54.7	71.5	89.8	101.0	110.8	130.5	150.1	169.7	188.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	46.3	46.3	58.9	74.3	92.6	102.4	112.2	131.9	151.5	169.7	188.0
115°	51.9	53.3	63.1	77.2	95.4	105.2	113.6	131.9	151.5	169.7	186.6
117.5°	58.9	58.9	68.7	80.0	96.8	106.6	116.4	133.3	151.5	168.3	185.2
120°	65.9	64.5	72.9	84.2	99.6	108.0	117.8	134.7	151.5	168.3	183.8
122.5°	72.9	70.1	75.8	87.0	101.0	110.8	117.8	134.7	151.5	166.9	182.4
125°	78.6	75.8	80.0	91.2	103.8	112.2	119.2	134.7	151.5	165.5	181.0
127.5°	84.2	81.4	85.6	94.0	105.2	112.2	120.6	134.7	151.5	164.1	178.2
130°	89.8	85.6	91.2	96.8	108.0	113.6	120.6	134.7	150.1	162.7	175.3
132.5°	94.0	89.8	95.4	99.6	109.4	115.0	122.0	134.7	148.7	161.3	173.9
135°	96.8	92.6	99.6	102.4	112.2	117.8	123.4	134.7	147.3	159.9	171.1
137.5°	99.6	94.0	102.4	105.2	113.6	119.2	123.4	133.3	145.9	157.1	168.3
140°	101.0	96.8	105.2	108.0	112.2	117.8	123.4	131.9	143.1	154.3	164.1
142.5°	102.4	96.8	106.6	109.4	112.2	116.4	122.0	129.1	140.3	150.1	159.9
145°	102.4	98.2	106.6	109.4	112.2	115.0	119.2	127.7	136.1	144.5	154.3
147.5°	102.4	99.6	108.0	110.8	113.6	113.6	116.4	124.8	131.9	140.3	148.7
150°	103.8	99.6	108.0	110.8	115.0	115.0	116.4	120.6	129.1	134.7	141.7
152.5°	102.4	101.0	106.6	112.2	115.0	116.4	116.4	117.8	124.8	130.5	136.1
155°	103.8	103.8	108.0	115.0	116.4	116.4	117.8	116.4	119.2	124.8	130.5
157.5°	106.6	109.4	109.4	116.4	119.2	119.2	120.6	119.2	117.8	119.2	124.8
160°	110.8	113.6	113.6	117.8	122.0	122.0	123.4	122.0	120.6	119.2	119.2
162.5°	115.0	117.8	117.8	119.2	123.4	124.8	126.3	124.8	123.4	120.6	119.2
165°	119.2	122.0	122.0	122.0	124.8	126.3	127.7	126.3	126.3	123.4	122.0
167.5°	123.4	126.3	126.3	124.8	126.3	127.7	129.1	127.7	127.7	126.3	123.4
170°	127.7	130.5	130.5	127.7	129.1	129.1	130.5	129.1	129.1	126.3	124.8
172.5°	130.5	133.3	131.9	130.5	130.5	130.5	130.5	129.1	127.7	124.8	124.8
175°	131.9	134.7	134.7	131.9	130.5	130.5	131.9	129.1	127.7	126.3	123.4
177.5°	131.9	134.7	134.7	131.9	130.5	130.5	131.9	130.5	130.5	127.7	124.8
180°	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0	1536.0
2.5°	1530.4	1529.0	1520.6	1530.4	1530.4	1527.6	1538.9	1537.5	1536.0	1533.2
5°	1524.8	1523.4	1515.0	1524.8	1524.8	1523.4	1534.6	1536.0	1537.5	1534.6
7.5°	1516.4	1515.0	1506.6	1516.4	1516.4	1515.0	1527.6	1529.0	1530.4	1526.2
10°	1503.8	1502.4	1494.0	1503.8	1505.2	1503.8	1513.6	1515.0	1517.8	1512.2
12.5°	1487.0	1487.0	1478.5	1488.4	1489.8	1488.4	1498.2	1501.0	1503.8	1496.8
15°	1465.9	1467.3	1460.3	1470.1	1471.5	1471.5	1481.3	1482.7	1487.0	1477.1
17.5°	1440.7	1443.5	1437.9	1447.7	1449.1	1450.5	1456.1	1460.3	1464.5	1453.3
20°	1414.0	1415.4	1411.2	1419.6	1422.4	1421.0	1428.0	1433.6	1437.9	1426.6
22.5°	1381.7	1383.1	1378.9	1387.4	1390.2	1391.6	1397.2	1404.2	1407.0	1397.2
25°	1345.3	1350.9	1348.1	1356.5	1359.3	1359.3	1364.9	1371.9	1376.1	1362.1
27.5°	1310.2	1317.2	1314.4	1322.8	1325.6	1327.0	1329.8	1338.3	1342.5	1329.8
30°	1270.9	1279.3	1277.9	1286.4	1289.2	1287.8	1293.4	1301.8	1307.4	1293.4
32.5°	1227.4	1238.7	1237.3	1248.5	1251.3	1252.7	1256.9	1268.1	1273.7	1261.1
35°	1185.4	1198.0	1199.4	1212.0	1216.2	1217.6	1223.2	1234.5	1240.1	1227.4
37.5°	1141.9	1158.7	1162.9	1175.5	1179.7	1181.1	1186.8	1199.4	1205.0	1192.4
40°	1099.8	1119.4	1125.0	1136.3	1140.5	1144.7	1148.9	1161.5	1168.5	1155.9
42.5°	1057.7	1078.7	1085.8	1097.0	1101.2	1105.4	1111.0	1125.0	1130.6	1119.4
45°	1014.2	1036.7	1045.1	1056.3	1061.9	1066.1	1071.7	1084.4	1091.4	1080.1
47.5°	970.7	993.2	1001.6	1014.2	1019.8	1025.4	1029.6	1045.1	1052.1	1040.9
50°	924.4	949.7	959.5	970.7	979.1	983.4	989.0	1003.0	1010.0	1000.2
52.5°	878.1	904.8	916.0	927.2	935.7	942.7	945.5	960.9	967.9	958.1
55°	830.4	857.1	869.7	882.4	890.8	899.2	902.0	917.4	924.4	910.4
57.5°	782.8	810.8	823.4	837.5	844.5	854.3	858.5	872.5	879.5	869.7
60°	735.1	761.7	777.1	789.8	799.6	808.0	810.8	826.2	833.3	820.6
62.5°	686.0	714.0	729.4	743.5	751.9	761.7	765.9	779.9	785.6	772.9
65°	635.5	663.5	680.4	693.0	704.2	712.6	715.4	730.9	736.5	723.8
67.5°	585.0	613.0	631.3	645.3	655.1	664.9	667.7	683.2	688.8	678.9
70°	535.9	563.9	582.2	599.0	606.0	615.8	620.0	634.1	639.7	631.3
72.5°	486.8	514.8	534.5	551.3	558.3	568.1	573.7	585.0	593.4	586.4
75°	439.1	467.1	486.8	503.6	510.6	520.4	526.0	537.3	542.9	537.3
77.5°	392.8	420.8	439.1	455.9	464.3	472.7	478.3	489.6	496.6	491.0
80°	347.9	375.9	394.2	409.6	418.0	426.4	432.1	444.7	450.3	446.1
82.5°	305.8	332.5	352.1	367.5	375.9	384.4	390.0	401.2	408.2	402.6
85°	267.9	294.6	312.8	328.3	335.3	343.7	349.3	360.5	366.1	363.3
87.5°	231.5	255.3	276.3	291.8	298.8	307.2	314.2	322.6	329.7	325.4
90°	203.4	224.4	244.1	259.5	267.9	276.3	284.8	293.2	298.8	296.0
92.5°	204.8	224.4	242.7	256.7	265.1	273.5	282.0	291.8	296.0	293.2
95°	204.8	224.4	242.7	256.7	265.1	273.5	282.0	291.8	296.0	293.2
97.5°	204.8	224.4	242.7	256.7	265.1	273.5	282.0	291.8	296.0	291.8
100°	204.8	224.4	242.7	256.7	265.1	272.1	280.6	290.4	294.6	291.8
102.5°	204.8	224.4	241.3	255.3	263.7	270.7	279.2	289.0	293.2	290.4
105°	204.8	223.0	241.3	253.9	262.3	269.3	277.8	286.2	290.4	287.6
107.5°	203.4	221.6	238.5	252.5	259.5	266.5	274.9	283.4	287.6	284.8
110°	203.4	220.2	237.1	249.7	256.7	263.7	272.1	280.6	284.8	282.0



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	202.0	218.8	235.7	246.9	253.9	260.9	267.9	277.8	282.0	279.2
115°	200.6	217.4	232.9	244.1	251.1	256.7	265.1	274.9	277.8	276.3
117.5°	199.2	214.6	230.1	241.3	248.3	253.9	260.9	269.3	273.5	272.1
120°	197.8	211.8	227.3	237.1	244.1	249.7	255.3	263.7	267.9	265.1
122.5°	195.0	209.0	224.4	234.3	239.9	245.5	251.1	258.1	262.3	260.9
125°	192.2	206.2	220.2	230.1	235.7	239.9	245.5	252.5	255.3	253.9
127.5°	189.4	203.4	216.0	224.4	231.5	235.7	239.9	246.9	249.7	248.3
130°	186.6	199.2	211.8	220.2	225.8	230.1	234.3	241.3	242.7	242.7
132.5°	183.8	195.0	207.6	216.0	221.6	224.4	228.7	234.3	237.1	235.7
135°	181.0	190.8	203.4	210.4	214.6	218.8	223.0	228.7	230.1	230.1
137.5°	176.8	186.6	197.8	204.8	209.0	211.8	216.0	221.6	223.0	223.0
140°	172.5	182.4	192.2	197.8	203.4	206.2	209.0	214.6	216.0	216.0
142.5°	168.3	176.8	186.6	192.2	197.8	199.2	203.4	207.6	209.0	209.0
145°	162.7	172.5	181.0	186.6	190.8	192.2	196.4	200.6	200.6	202.0
147.5°	155.7	164.1	175.3	179.6	183.8	185.2	189.4	192.2	193.6	193.6
150°	148.7	157.1	166.9	173.9	178.2	179.6	181.0	185.2	185.2	186.6
152.5°	141.7	148.7	158.5	165.5	171.1	172.5	173.9	176.8	176.8	178.2
155°	134.7	140.3	148.7	155.7	161.3	164.1	166.9	169.7	169.7	171.1
157.5°	129.1	134.7	141.7	147.3	151.5	155.7	159.9	162.7	162.7	162.7
160°	122.0	126.3	133.3	137.5	143.1	145.9	152.9	155.7	155.7	157.1
162.5°	117.8	119.2	123.4	127.7	131.9	134.7	141.7	148.7	148.7	150.1
165°	119.2	117.8	119.2	120.6	123.4	124.8	129.1	138.9	141.7	143.1
167.5°	122.0	117.8	117.8	117.8	120.6	120.6	124.8	130.5	140.3	137.5
170°	122.0	117.8	115.0	115.0	116.4	115.0	117.8	122.0	127.7	133.3
172.5°	123.4	119.2	115.0	109.4	110.8	109.4	106.6	106.6	108.0	126.3
175°	122.0	119.2	113.6	106.6	105.2	101.0	92.6	85.6	81.4	63.1
177.5°	120.6	116.4	112.2	106.6	103.8	99.6	89.8	78.6	67.3	64.5
180°	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0



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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	15.99	17.31	16.61	17.94	18.67	18.54	19.86	19.16	20.50	21.22
	3H	17.40	18.60	18.03	19.24	20.00	20.97	22.17	21.60	22.81	23.57
	4H	17.83	18.96	18.47	19.62	20.39	22.11	23.25	22.76	23.90	24.67
	6H	18.06	19.12	18.72	19.79	20.57	23.25	24.31	23.91	24.97	25.76
	8H	18.11	19.12	18.78	19.80	20.59	23.81	24.82	24.48	25.51	26.29
	12H	18.12	19.08	18.80	19.77	20.58	24.39	25.36	25.07	26.04	26.86
4H	2H	16.88	18.02	17.53	18.67	19.44	18.89	20.03	19.54	20.68	21.45
	3H	18.51	19.47	19.17	20.16	20.95	21.52	22.49	22.19	23.18	23.97
	4H	19.06	19.95	19.74	20.64	21.46	22.81	23.70	23.49	24.40	25.21
	6H	19.40	20.18	20.10	20.90	21.73	24.12	24.90	24.82	25.62	26.45
	8H	19.48	20.21	20.18	20.93	21.77	24.78	25.51	25.49	26.23	27.07
	12H	19.51	20.17	20.23	20.91	21.76	25.48	26.15	26.21	26.89	27.74
8H	4H	19.71	20.44	20.41	21.16	22.00	22.97	23.70	23.67	24.42	25.26
	6H	20.21	20.83	20.95	21.59	22.43	24.42	25.04	25.15	25.80	26.64
	8H	20.37	20.92	21.11	21.69	22.54	25.20	25.76	25.95	26.52	27.38
	12H	20.46	20.95	21.21	21.71	22.62	26.06	26.56	26.81	27.31	28.23
12H	4H	19.87	20.54	20.60	21.28	22.13	22.96	23.62	23.68	24.36	25.21
	6H	20.47	21.03	21.22	21.79	22.65	24.44	25.00	25.18	25.76	26.61
	8H	20.71	21.20	21.45	21.95	22.87	25.27	25.76	26.02	26.52	27.43