

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: P893785

Luminaire Tested: 4MB-6SL-RNDU-UNV-L830

Issue Date: 11/11/2024

**Test Information**

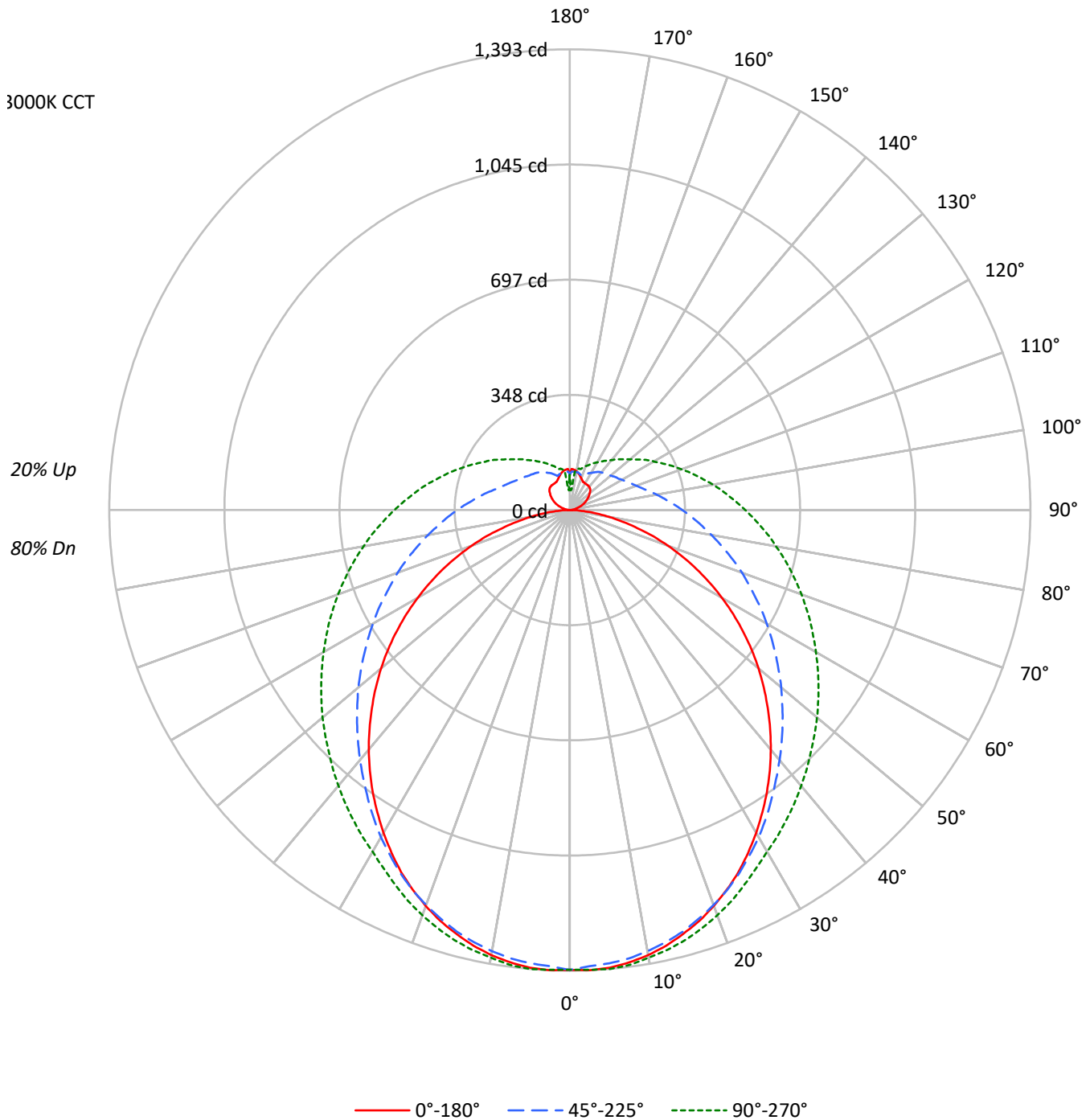
Test Method: LM-79-2019  
Report Number: P893785  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-6SL-RNDU-UNV-L830  
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 5  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5847.0 lumens  
Efficiency: N/A  
Efficacy: 131.7 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): 44.4  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): 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: P893785  
CATALOG NUMBER: 4MB-6SL-RNDU-UNV-L830

### 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	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°	9891	9891	9891
5°	9874	9473	9493
10°	9781	9104	9054
15°	9637	8730	8649
20°	9464	8336	8233
25°	9254	7940	7815
30°	8987	7541	7446
35°	8710	7130	7174
40°	8414	6758	6926
45°	8094	6428	6706
50°	7759	6135	6536
55°	7374	5863	6388
60°	6937	5640	6277
65°	6407	5444	6215
70°	5749	5322	6194
75°	4866	5234	6221
80°	3804	5233	6320
85°	2431	5370	6527

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8094 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	131.5	2.2
10°-20°	375.0	6.4
20°-30°	563.1	9.6
30°-40°	677.1	11.6
40°-50°	717.4	12.3
50°-60°	690.8	11.8
60°-70°	611.4	10.5
70°-80°	501.5	8.6
80°-90°	389.1	6.7
90°-100°	302.0	5.2
100°-110°	239.3	4.1
110°-120°	190.6	3.3
120°-130°	151.4	2.6
130°-140°	118.3	2.0
140°-150°	87.0	1.5
150°-160°	57.6	1.0
160°-170°	33.1	0.6
170°-180°	10.6	0.2
0°-30°	1069.6	18.3
0°-40°	1746.7	29.9
0°-60°	3154.9	54.0
0°-90°	4657.0	79.6
90°-120°	732.0	12.5
90°-150°	1088.7	18.6
90°-180°	1190.0	20.4
0°-180°	5847.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1390	1390	1390	1390	1390	
5°	1389	1390	1376	1386	1393	132
15°	1327	1328	1320	1340	1346	374
25°	1208	1212	1212	1242	1250	556
35°	1040	1053	1065	1120	1143	650
45°	846	866	910	996	1032	653
55°	639	671	759	872	918	571
65°	423	482	618	747	803	419
75°	212	317	492	631	689	226
85°	48	192	385	525	581	54
90°	1	151	340	476	530	4
95°	7	124	300	430	483	7
105°	24	100	237	352	398	25
115°	48	97	197	287	325	47
125°	69	100	172	237	266	61
135°	87	107	155	198	217	67
145°	93	106	140	171	181	58
155°	94	110	120	146	153	44
165°	111	118	114	114	128	31
175°	123	122	116	97	65	12
180°	107	107	107	107	107	



TEST NUMBER: P893785  
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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1
2.5°	1392.8	1391.5	1394.1	1396.7	1404.7	1394.1	1399.4	1384.8	1386.2	1387.5	1380.9
5°	1388.8	1384.8	1388.8	1391.5	1398.1	1390.1	1395.4	1379.6	1380.9	1383.5	1375.6
7.5°	1379.6	1375.6	1378.2	1380.9	1387.5	1379.6	1386.2	1370.3	1372.9	1374.3	1367.6
10°	1366.3	1361.0	1363.7	1367.6	1372.9	1366.3	1371.6	1357.1	1358.4	1361.0	1354.4
12.5°	1349.1	1343.8	1346.5	1349.1	1355.7	1349.1	1354.4	1339.9	1342.5	1345.2	1338.5
15°	1326.6	1321.4	1324.0	1326.6	1331.9	1328.0	1333.3	1318.7	1321.4	1326.6	1320.0
17.5°	1302.8	1294.9	1297.5	1301.5	1306.8	1304.2	1308.1	1296.2	1297.5	1302.8	1296.2
20°	1273.7	1265.8	1268.4	1272.4	1277.7	1276.4	1279.0	1268.4	1271.1	1277.7	1271.1
22.5°	1242.0	1234.1	1236.7	1242.0	1246.0	1246.0	1247.3	1239.3	1242.0	1248.6	1243.3
25°	1207.6	1199.7	1202.3	1207.6	1211.6	1211.6	1214.2	1206.3	1210.2	1216.9	1211.6
27.5°	1167.9	1164.0	1164.0	1169.2	1171.9	1174.5	1175.9	1169.2	1174.5	1181.2	1177.2
30°	1126.9	1121.6	1124.3	1130.9	1130.9	1136.2	1136.2	1130.9	1137.5	1145.4	1142.8
32.5°	1083.3	1079.3	1080.6	1088.6	1088.6	1095.2	1093.9	1091.2	1097.8	1107.1	1104.4
35°	1039.6	1035.7	1037.0	1044.9	1044.9	1052.9	1050.2	1050.2	1056.8	1067.4	1064.8
37.5°	993.3	990.7	992.0	999.9	999.9	1007.9	1005.2	1006.6	1014.5	1026.4	1025.1
40°	945.7	943.1	945.7	952.3	955.0	961.6	958.9	961.6	972.2	982.7	986.7
42.5°	896.8	895.5	898.1	904.7	907.4	914.0	912.6	916.6	927.2	943.1	948.4
45°	846.5	846.5	849.2	855.8	858.4	866.4	865.0	870.3	883.5	900.7	910.0
47.5°	796.3	797.6	798.9	806.8	806.8	820.1	816.1	824.0	841.2	861.1	871.6
50°	744.7	747.3	748.6	755.2	757.9	769.8	767.2	780.4	798.9	820.1	834.6
52.5°	693.1	695.7	698.4	703.7	706.3	720.9	718.2	735.4	757.9	780.4	796.3
55°	638.9	644.1	645.5	652.1	656.0	670.6	670.6	690.4	714.2	739.4	759.2
57.5°	585.9	591.2	592.6	600.5	605.8	623.0	625.6	648.1	674.6	699.7	723.5
60°	531.7	538.3	539.7	547.6	556.8	575.4	579.3	604.5	633.6	660.0	687.8
62.5°	477.5	484.1	486.7	494.7	509.2	527.7	534.4	563.5	593.9	623.0	653.4
65°	423.3	429.9	433.8	444.4	461.6	481.5	490.7	521.1	555.5	585.9	617.7
67.5°	369.0	377.0	382.3	395.5	418.0	439.1	448.4	482.8	518.5	551.6	584.6
70°	316.1	324.1	330.7	347.9	374.3	395.5	407.4	444.4	481.5	517.2	554.2
72.5°	264.5	272.5	281.7	302.9	332.0	355.8	369.0	407.4	448.4	484.1	522.5
75°	211.6	220.9	231.5	260.6	293.6	317.4	332.0	373.0	415.3	451.0	492.0
77.5°	164.0	173.3	189.1	218.2	255.3	281.7	297.6	341.3	384.9	420.6	462.9
80°	120.4	129.6	150.8	182.5	220.9	246.0	265.9	310.8	355.8	392.8	435.2
82.5°	82.0	91.3	116.4	150.8	191.8	216.9	235.4	283.1	328.0	366.4	408.7
85°	47.6	60.8	87.3	124.3	166.7	191.8	210.3	259.2	302.9	341.3	384.9
87.5°	21.2	37.0	66.1	103.2	145.5	169.3	189.1	234.1	280.4	318.8	362.4
90°	1.3	21.2	51.6	87.3	128.3	150.8	169.3	214.3	257.9	297.6	339.9
92.5°	2.6	14.5	42.3	75.4	113.8	136.2	154.8	197.1	238.1	279.1	320.1
95°	6.6	14.5	37.0	67.5	103.2	124.3	141.5	182.5	220.9	260.6	300.2
97.5°	10.6	15.9	35.7	63.5	95.2	115.1	130.9	169.3	207.7	243.4	283.1
100°	14.5	19.8	35.7	60.8	89.9	108.5	123.0	158.7	194.4	227.5	267.2
102.5°	18.5	23.8	38.4	60.8	87.3	103.2	117.7	150.8	183.9	214.3	251.3
105°	23.8	27.8	41.0	60.8	84.7	100.5	112.4	142.8	174.6	203.7	236.8
107.5°	29.1	31.7	43.6	62.2	84.7	97.9	109.8	137.6	166.7	193.1	224.9
110°	35.7	37.0	47.6	64.8	84.7	96.6	107.1	133.6	160.0	185.2	214.3



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	41.0	41.0	51.6	67.5	84.7	96.6	105.8	129.6	154.8	177.2	205.0
115°	47.6	47.6	55.6	70.1	86.0	96.6	105.8	128.3	150.8	170.6	197.1
117.5°	52.9	52.9	60.8	72.7	88.6	97.9	105.8	125.7	146.8	165.3	189.1
120°	58.2	58.2	63.5	75.4	89.9	99.2	105.8	124.3	142.8	161.4	182.5
122.5°	63.5	63.5	67.5	79.4	91.3	99.2	105.8	123.0	140.2	156.1	175.9
125°	68.8	68.8	71.4	82.0	93.9	100.5	107.1	123.0	138.9	152.1	171.9
127.5°	74.1	72.7	76.7	86.0	95.2	101.8	108.5	123.0	136.2	149.5	166.7
130°	78.0	76.7	82.0	88.6	97.9	103.2	108.5	121.7	134.9	146.8	161.4
132.5°	83.3	80.7	87.3	89.9	100.5	105.8	109.8	121.7	133.6	144.2	158.7
135°	87.3	84.7	91.3	93.9	101.8	107.1	111.1	121.7	132.3	142.8	154.8
137.5°	89.9	88.6	95.2	97.9	103.2	108.5	112.4	121.7	130.9	140.2	152.1
140°	91.3	89.9	95.2	100.5	103.2	108.5	111.1	120.4	129.6	137.6	148.1
142.5°	92.6	92.6	96.6	101.8	103.2	107.1	111.1	119.0	127.0	133.6	145.5
145°	92.6	92.6	96.6	103.2	104.5	105.8	108.5	116.4	123.0	129.6	140.2
147.5°	92.6	92.6	97.9	103.2	105.8	107.1	105.8	113.8	120.4	125.7	134.9
150°	92.6	92.6	97.9	103.2	107.1	108.5	107.1	111.1	116.4	121.7	129.6
152.5°	93.9	93.9	97.9	103.2	107.1	108.5	108.5	108.5	112.4	117.7	125.7
155°	93.9	95.2	97.9	105.8	108.5	109.8	109.8	109.8	108.5	113.8	120.4
157.5°	97.9	99.2	100.5	107.1	109.8	111.1	111.1	111.1	109.8	108.5	115.1
160°	101.8	103.2	104.5	109.8	112.4	113.8	113.8	113.8	111.1	109.8	109.8
162.5°	105.8	108.5	108.5	111.1	113.8	115.1	115.1	116.4	113.8	112.4	111.1
165°	111.1	112.4	112.4	113.8	116.4	117.7	116.4	117.7	116.4	115.1	113.8
167.5°	115.1	116.4	116.4	117.7	117.7	119.0	119.0	119.0	117.7	116.4	116.4
170°	119.0	120.4	120.4	120.4	120.4	120.4	120.4	120.4	119.0	116.4	116.4
172.5°	121.7	123.0	123.0	121.7	121.7	121.7	121.7	120.4	117.7	116.4	116.4
175°	123.0	124.3	124.3	123.0	121.7	121.7	121.7	120.4	117.7	116.4	116.4
177.5°	124.3	125.7	124.3	124.3	121.7	121.7	121.7	121.7	119.0	117.7	116.4
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1	1390.1
2.5°	1388.8	1372.9	1383.5	1384.8	1390.1	1384.8	1388.8	1384.8	1395.4	1391.5
5°	1383.5	1369.0	1378.2	1379.6	1386.2	1379.6	1386.2	1383.5	1396.7	1392.8
7.5°	1374.3	1362.4	1370.3	1371.6	1379.6	1372.9	1379.6	1376.9	1392.8	1387.5
10°	1361.0	1351.8	1359.7	1361.0	1369.0	1362.4	1367.6	1365.0	1382.2	1374.3
12.5°	1346.5	1338.5	1345.2	1346.5	1355.7	1349.1	1355.7	1353.1	1370.3	1362.4
15°	1325.3	1321.4	1328.0	1330.6	1339.9	1334.6	1341.2	1338.5	1357.1	1346.5
17.5°	1304.2	1301.5	1308.1	1310.8	1321.4	1314.7	1321.4	1318.7	1337.2	1326.6
20°	1277.7	1276.4	1283.0	1287.0	1296.2	1289.6	1297.5	1294.9	1314.7	1304.2
22.5°	1249.9	1249.9	1255.2	1259.2	1268.4	1263.2	1271.1	1269.8	1289.6	1279.0
25°	1219.5	1220.8	1226.1	1231.4	1242.0	1238.0	1244.6	1244.6	1263.2	1249.9
27.5°	1185.1	1191.7	1195.7	1202.3	1211.6	1207.6	1214.2	1215.5	1234.1	1220.8
30°	1149.4	1158.7	1162.6	1170.6	1178.5	1178.5	1185.1	1187.8	1206.3	1193.1
32.5°	1112.4	1123.0	1128.2	1138.8	1149.4	1149.4	1158.7	1162.6	1181.2	1169.2
35°	1075.3	1089.9	1096.5	1109.7	1120.3	1121.6	1130.9	1136.2	1154.7	1142.8
37.5°	1039.6	1058.1	1064.8	1080.6	1089.9	1092.5	1103.1	1109.7	1126.9	1116.3
40°	1002.6	1025.1	1033.0	1050.2	1058.1	1063.4	1074.0	1081.9	1097.8	1088.6
42.5°	966.9	992.0	999.9	1018.5	1027.7	1033.0	1043.6	1054.2	1070.0	1060.8
45°	931.2	958.9	968.2	988.0	996.0	1003.9	1015.8	1025.1	1039.6	1031.7
47.5°	896.8	925.9	935.1	956.3	965.6	974.8	985.4	998.6	1011.8	1003.9
50°	861.1	891.5	903.4	925.9	933.8	944.4	957.6	969.5	982.7	976.1
52.5°	826.7	858.4	870.3	894.1	903.4	914.0	927.2	940.4	952.3	947.0
55°	789.6	824.0	837.3	862.4	871.6	882.2	896.8	911.3	921.9	917.9
57.5°	755.2	791.0	804.2	832.0	839.9	853.1	867.7	883.5	892.8	888.8
60°	720.9	756.6	772.4	800.2	809.5	822.7	837.3	854.4	862.4	859.7
62.5°	686.5	723.5	740.7	769.8	777.7	792.3	809.5	824.0	832.0	830.6
65°	654.7	690.4	710.3	739.4	747.3	763.2	779.1	794.9	802.9	802.9
67.5°	621.7	660.0	679.9	710.3	716.9	734.1	751.3	767.2	773.8	773.8
70°	591.2	628.3	650.8	681.2	687.8	703.7	722.2	739.4	744.7	746.0
72.5°	560.8	597.8	621.7	653.4	660.0	675.9	693.1	711.6	715.6	716.9
75°	531.7	568.8	592.6	624.3	630.9	646.8	665.3	682.5	687.8	689.1
77.5°	502.6	539.7	566.1	596.5	603.1	619.0	637.5	654.7	658.7	661.3
80°	476.2	511.9	537.0	570.1	576.7	592.6	609.8	626.9	629.6	633.6
82.5°	449.7	485.4	511.9	543.6	550.2	566.1	583.3	600.5	603.1	608.4
85°	424.6	460.3	486.7	517.2	525.1	539.7	558.2	574.0	576.7	580.7
87.5°	402.1	435.2	462.9	492.0	500.0	514.5	533.0	548.9	550.2	555.5
90°	378.3	411.4	439.1	468.2	476.2	489.4	507.9	523.8	526.4	530.4
92.5°	358.4	388.9	418.0	445.7	452.4	466.9	484.1	500.0	502.6	506.6
95°	337.3	367.7	396.8	423.3	429.9	444.4	460.3	476.2	478.8	482.8
97.5°	318.8	347.9	375.6	402.1	408.7	421.9	439.1	453.7	456.3	461.6
100°	301.6	329.3	358.4	382.3	388.9	402.1	418.0	432.5	435.2	440.5
102.5°	285.7	312.2	339.9	362.4	370.3	382.3	398.1	411.4	414.0	418.0
105°	271.1	296.3	322.7	343.9	351.8	363.7	378.3	391.5	394.2	398.1
107.5°	256.6	280.4	305.5	326.7	333.3	343.9	358.4	371.7	374.3	379.6
110°	243.4	267.2	291.0	310.8	318.8	326.7	341.3	353.2	355.8	359.8





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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	231.5	252.6	276.4	295.0	301.6	310.8	322.7	334.6	337.3	342.6
115°	220.9	240.7	264.5	281.7	287.0	295.0	308.2	318.8	321.4	325.4
117.5°	211.6	228.8	250.0	267.2	273.8	280.4	292.3	301.6	305.5	308.2
120°	203.7	219.6	238.1	254.0	261.9	267.2	277.8	287.0	291.0	293.6
122.5°	195.8	210.3	227.5	242.0	248.7	252.6	264.5	272.5	276.4	280.4
125°	189.1	202.4	218.2	230.1	236.8	240.7	251.3	259.2	263.2	265.9
127.5°	182.5	194.4	210.3	219.6	226.2	228.8	238.1	246.0	250.0	251.3
130°	175.9	187.8	201.0	210.3	215.6	219.6	227.5	232.8	236.8	238.1
132.5°	170.6	181.2	193.1	202.4	207.7	209.0	216.9	222.2	226.2	227.5
135°	166.7	174.6	186.5	194.4	198.4	201.0	207.7	211.6	215.6	216.9
137.5°	161.4	169.3	179.9	185.2	190.5	191.8	198.4	202.4	206.3	207.7
140°	157.4	164.0	173.3	178.6	183.9	183.9	189.1	193.1	197.1	197.1
142.5°	153.4	160.0	168.0	173.3	177.2	177.2	182.5	185.2	189.1	189.1
145°	148.1	154.8	162.7	166.7	170.6	170.6	174.6	177.2	181.2	181.2
147.5°	142.8	149.5	157.4	160.0	164.0	164.0	168.0	170.6	173.3	173.3
150°	136.2	141.5	150.8	154.8	158.7	158.7	161.4	164.0	166.7	166.7
152.5°	130.9	134.9	142.8	148.1	152.1	152.1	154.8	157.4	160.0	160.0
155°	124.3	128.3	134.9	141.5	145.5	146.8	149.5	150.8	153.4	153.4
157.5°	119.0	123.0	128.3	133.6	137.6	140.2	144.2	145.5	146.8	146.8
160°	112.4	115.1	120.4	125.7	129.6	132.3	138.9	140.2	141.5	141.5
162.5°	109.8	109.8	112.4	116.4	120.4	121.7	128.3	133.6	136.2	134.9
165°	111.1	109.8	109.8	111.1	113.8	115.1	119.0	127.0	129.6	128.3
167.5°	113.8	111.1	109.8	109.8	112.4	112.4	116.4	123.0	130.9	128.3
170°	113.8	109.8	107.1	107.1	108.5	108.5	111.1	115.1	123.0	124.3
172.5°	112.4	109.8	105.8	100.5	101.8	100.5	99.2	101.8	103.2	116.4
175°	113.8	109.8	105.8	99.2	96.6	92.6	86.0	80.7	79.4	64.8
177.5°	112.4	108.5	103.2	97.9	95.2	89.9	82.0	72.7	67.5	59.5
180°	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1	107.1



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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	14.89	16.20	15.53	16.87	17.64	18.44	19.75	19.08	20.41	21.18
	3H	16.24	17.44	16.90	18.11	18.92	21.36	22.55	22.01	23.23	24.03
	4H	16.65	17.78	17.32	18.47	19.29	22.83	23.97	23.50	24.66	25.47
	6H	16.86	17.92	17.55	18.62	19.45	24.39	25.45	25.08	26.15	26.98
	8H	16.90	17.91	17.59	18.63	19.46	25.20	26.22	25.89	26.93	27.77
	12H	16.90	17.88	17.60	18.59	19.45	26.08	27.05	26.78	27.76	28.63
4H	2H	16.03	17.17	16.71	17.86	18.67	18.76	19.90	19.43	20.58	21.40
	3H	17.68	18.65	18.36	19.38	20.21	21.91	22.88	22.60	23.61	24.44
	4H	18.25	19.15	18.95	19.87	20.73	23.56	24.46	24.26	25.18	26.05
	6H	18.59	19.38	19.31	20.13	21.00	25.33	26.13	26.05	26.88	27.74
	8H	18.66	19.41	19.39	20.16	21.04	26.26	27.01	26.99	27.76	28.65
	12H	18.69	19.37	19.44	20.14	21.03	27.29	27.97	28.03	28.74	29.63
8H	4H	19.33	20.08	20.06	20.83	21.71	23.73	24.48	24.46	25.23	26.11
	6H	19.94	20.58	20.70	21.37	22.25	25.68	26.32	26.44	27.11	28.00
	8H	20.14	20.72	20.90	21.50	22.40	26.77	27.34	27.53	28.13	29.03
	12H	20.25	20.77	21.02	21.55	22.50	27.98	28.50	28.75	29.28	30.24
12H	4H	19.69	20.37	20.43	21.14	22.03	23.73	24.41	24.47	25.18	26.07
	6H	20.46	21.04	21.23	21.83	22.73	25.71	26.29	26.48	27.08	27.98
	8H	20.79	21.31	21.56	22.09	23.04	26.86	27.38	27.63	28.16	29.11