

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: P893739

Luminaire Tested: 4MB-6SL-FLTU-UNV-L840

Issue Date: 11/11/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P893739  
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-L840  
Description: 6000 Lumen 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 80CRI, 400  
Light Source: -  
Ballast/Driver: -

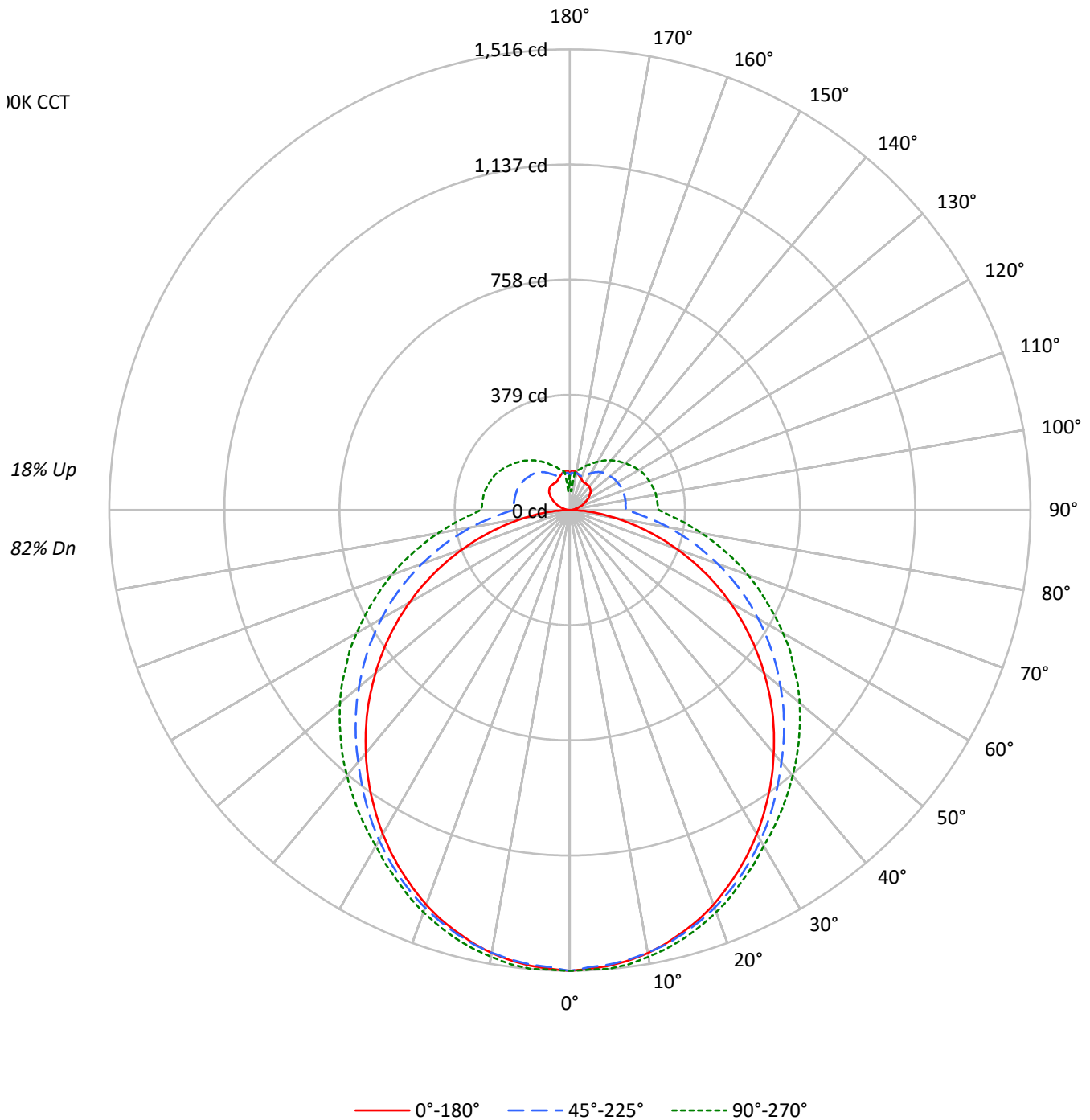
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5733.0 lumens  
Efficiency: N/A  
Efficacy: 129.1 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<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

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### 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°	10790	10790	10790
5°	10703	10338	10326
10°	10598	9942	9836
15°	10442	9544	9367
20°	10269	9137	8891
25°	10051	8713	8408
30°	9818	8279	7969
35°	9562	7845	7607
40°	9290	7417	7261
45°	9017	7043	6932
50°	8701	6657	6612
55°	8360	6278	6255
60°	7951	5872	5915
65°	7462	5444	5531
70°	6825	4974	5174
75°	5956	4493	4789
80°	4812	3980	4393
85°	3325	3458	4032

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9017 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	143.4	2.5
10°-20°	409.0	7.1
20°-30°	614.5	10.7
30°-40°	737.9	12.9
40°-50°	775.9	13.5
50°-60°	729.0	12.7
60°-70°	606.2	10.6
70°-80°	432.6	7.5
80°-90°	257.5	4.5
90°-100°	186.4	3.3
100°-110°	183.9	3.2
110°-120°	172.7	3.0
120°-130°	153.1	2.7
130°-140°	126.9	2.2
140°-150°	95.0	1.7
150°-160°	62.4	1.1
160°-170°	35.4	0.6
170°-180°	11.3	0.2
0°-30°	1166.9	20.4
0°-40°	1904.8	33.2
0°-60°	3409.7	59.5
0°-90°	4705.9	82.1
90°-120°	543.1	9.5
90°-150°	917.9	16.0
90°-180°	1027.0	17.9
0°-180°	5733.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1516	1516	1516	1516	1516	
5°	1505	1523	1501	1505	1515	143
15°	1438	1460	1443	1453	1458	406
25°	1312	1336	1330	1342	1345	604
35°	1141	1168	1172	1201	1212	714
45°	943	969	997	1048	1066	727
55°	724	753	813	879	899	647
65°	493	533	618	695	715	488
75°	259	317	422	504	530	275
85°	65	143	248	331	359	71
90°	0	82	184	264	292	5
95°	7	86	184	262	289	8
105°	26	96	186	259	284	28
115°	51	104	184	248	273	51
125°	78	111	179	233	251	69
135°	96	116	169	212	227	74
145°	101	114	152	188	199	63
155°	102	115	129	159	169	48
165°	118	125	120	122	141	33
175°	130	129	122	104	62	12
180°	114	114	114	114	114	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5
2.5°	1510.9	1515.1	1516.5	1530.3	1524.8	1530.3	1520.6	1509.6	1506.8	1513.7	1505.4
5°	1505.4	1509.6	1510.9	1524.8	1519.2	1523.4	1515.1	1504.0	1501.2	1509.6	1501.2
7.5°	1494.3	1498.5	1499.9	1515.1	1508.2	1513.7	1504.0	1492.9	1491.5	1499.9	1491.5
10°	1480.5	1484.6	1486.0	1499.9	1494.3	1499.9	1490.2	1479.1	1477.7	1487.4	1479.1
12.5°	1461.1	1465.2	1468.0	1481.9	1474.9	1481.9	1470.8	1459.7	1461.1	1469.4	1463.8
15°	1437.5	1443.1	1444.5	1458.3	1452.8	1459.7	1448.6	1437.5	1440.3	1448.6	1443.1
17.5°	1412.6	1418.1	1419.5	1432.0	1426.5	1434.8	1422.3	1412.6	1415.4	1423.7	1419.5
20°	1382.1	1387.7	1390.4	1402.9	1397.4	1405.7	1393.2	1384.9	1387.7	1397.4	1393.2
22.5°	1347.5	1355.8	1357.2	1371.1	1364.1	1372.4	1360.0	1353.1	1357.2	1366.9	1362.8
25°	1311.5	1319.8	1321.2	1335.1	1329.5	1336.4	1324.0	1317.0	1322.6	1332.3	1329.5
27.5°	1272.7	1281.0	1283.8	1296.3	1290.7	1299.0	1285.2	1281.0	1286.6	1296.3	1293.5
30°	1231.2	1239.5	1240.9	1253.3	1249.2	1257.5	1245.0	1239.5	1247.8	1257.5	1254.7
32.5°	1186.9	1195.2	1199.3	1210.4	1206.3	1213.2	1202.1	1199.3	1206.3	1216.0	1214.6
35°	1141.2	1149.5	1153.6	1166.1	1160.6	1167.5	1156.4	1153.6	1164.7	1171.6	1171.6
37.5°	1094.1	1102.4	1106.5	1119.0	1112.1	1120.4	1109.3	1107.9	1120.4	1127.3	1127.3
40°	1044.2	1053.9	1058.1	1069.1	1063.6	1070.5	1060.8	1062.2	1073.3	1081.6	1083.0
42.5°	994.4	1004.1	1008.2	1020.7	1013.8	1020.7	1012.4	1013.8	1026.2	1034.5	1041.5
45°	943.1	951.4	955.6	969.4	961.1	969.4	961.1	963.9	976.4	988.8	997.1
47.5°	889.1	897.4	904.3	915.4	908.5	915.4	909.9	914.0	929.3	941.7	952.8
50°	835.1	843.4	850.3	860.0	853.1	862.8	855.9	861.4	880.8	893.3	905.7
52.5°	779.7	786.6	797.7	803.2	797.7	808.8	803.2	811.6	830.9	846.2	860.0
55°	724.3	731.2	742.3	746.5	740.9	753.4	749.2	760.3	781.1	797.7	812.9
57.5°	667.5	674.5	684.1	688.3	684.1	698.0	696.6	709.1	729.8	747.9	764.5
60°	609.4	616.3	624.6	628.7	628.7	642.6	642.6	657.8	680.0	696.6	716.0
62.5°	552.6	556.7	565.0	570.6	574.7	588.6	588.6	605.2	628.7	648.1	667.5
65°	493.0	497.2	504.1	511.0	518.0	533.2	534.6	552.6	576.1	595.5	617.7
67.5°	433.5	437.6	444.6	452.9	462.6	477.8	480.6	500.0	524.9	547.0	567.8
70°	375.3	376.7	385.0	396.1	407.2	422.4	426.6	447.3	473.6	495.8	518.0
72.5°	317.1	318.5	326.8	340.7	353.2	369.8	375.3	397.5	423.8	445.9	468.1
75°	259.0	260.4	271.4	288.1	301.9	317.1	324.1	347.6	373.9	397.5	422.4
77.5°	203.6	206.4	217.4	234.0	250.7	268.7	275.6	299.1	328.2	350.4	373.9
80°	152.3	155.1	167.6	185.6	203.6	220.2	228.5	252.1	282.5	304.7	331.0
82.5°	105.3	109.4	124.6	144.0	162.0	180.0	188.3	210.5	238.2	263.1	288.1
85°	65.1	70.6	85.9	106.6	126.0	142.6	151.0	174.5	200.8	224.4	247.9
87.5°	30.5	38.8	54.0	74.8	95.6	109.4	119.1	142.6	167.6	191.1	214.7
90°	0.0	12.5	27.7	48.5	69.2	81.7	92.8	114.9	139.9	162.0	184.2
92.5°	2.8	13.8	30.5	49.9	70.6	83.1	94.2	116.3	139.9	162.0	184.2
95°	6.9	15.2	31.9	52.6	73.4	85.9	95.6	117.7	141.3	163.4	184.2
97.5°	12.5	19.4	36.0	55.4	76.2	87.2	98.3	120.5	142.6	164.8	185.6
100°	16.6	22.2	38.8	58.2	78.9	90.0	101.1	121.9	144.0	166.2	185.6
102.5°	20.8	27.7	42.9	60.9	81.7	92.8	102.5	123.3	145.4	166.2	185.6
105°	26.3	31.9	45.7	65.1	84.5	95.6	105.3	126.0	146.8	167.6	185.6
107.5°	31.9	36.0	49.9	67.9	87.2	96.9	106.6	127.4	148.2	167.6	185.6
110°	38.8	41.5	54.0	70.6	88.6	99.7	109.4	128.8	148.2	167.6	185.6



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	45.7	45.7	58.2	73.4	91.4	101.1	110.8	130.2	149.6	167.6	185.6
115°	51.2	52.6	62.3	76.2	94.2	103.9	112.2	130.2	149.6	167.6	184.2
117.5°	58.2	58.2	67.9	78.9	95.6	105.3	114.9	131.6	149.6	166.2	182.8
120°	65.1	63.7	72.0	83.1	98.3	106.6	116.3	133.0	149.6	166.2	181.4
122.5°	72.0	69.2	74.8	85.9	99.7	109.4	116.3	133.0	149.6	164.8	180.0
125°	77.6	74.8	78.9	90.0	102.5	110.8	117.7	133.0	149.6	163.4	178.7
127.5°	83.1	80.3	84.5	92.8	103.9	110.8	119.1	133.0	149.6	162.0	175.9
130°	88.6	84.5	90.0	95.6	106.6	112.2	119.1	133.0	148.2	160.6	173.1
132.5°	92.8	88.6	94.2	98.3	108.0	113.6	120.5	133.0	146.8	159.3	171.7
135°	95.6	91.4	98.3	101.1	110.8	116.3	121.9	133.0	145.4	157.9	169.0
137.5°	98.3	92.8	101.1	103.9	112.2	117.7	121.9	131.6	144.0	155.1	166.2
140°	99.7	95.6	103.9	106.6	110.8	116.3	121.9	130.2	141.3	152.3	162.0
142.5°	101.1	95.6	105.3	108.0	110.8	114.9	120.5	127.4	138.5	148.2	157.9
145°	101.1	96.9	105.3	108.0	110.8	113.6	117.7	126.0	134.3	142.6	152.3
147.5°	101.1	98.3	106.6	109.4	112.2	112.2	114.9	123.3	130.2	138.5	146.8
150°	102.5	98.3	106.6	109.4	113.6	113.6	114.9	119.1	127.4	133.0	139.9
152.5°	101.1	99.7	105.3	110.8	113.6	114.9	114.9	116.3	123.3	128.8	134.3
155°	102.5	102.5	106.6	113.6	114.9	114.9	116.3	114.9	117.7	123.3	128.8
157.5°	105.3	108.0	108.0	114.9	117.7	117.7	119.1	117.7	116.3	117.7	123.3
160°	109.4	112.2	112.2	116.3	120.5	120.5	121.9	120.5	119.1	117.7	117.7
162.5°	113.6	116.3	116.3	117.7	121.9	123.3	124.6	123.3	121.9	119.1	117.7
165°	117.7	120.5	120.5	120.5	123.3	124.6	126.0	124.6	124.6	121.9	120.5
167.5°	121.9	124.6	124.6	123.3	124.6	126.0	127.4	126.0	126.0	124.6	121.9
170°	126.0	128.8	128.8	126.0	127.4	127.4	128.8	127.4	127.4	124.6	123.3
172.5°	128.8	131.6	130.2	128.8	128.8	128.8	128.8	127.4	126.0	123.3	123.3
175°	130.2	133.0	133.0	130.2	128.8	128.8	130.2	127.4	126.0	124.6	121.9
177.5°	130.2	133.0	133.0	130.2	130.2	128.8	130.2	128.8	128.8	126.0	123.3
180°	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5	1516.5
2.5°	1510.9	1509.6	1501.2	1510.9	1510.9	1508.2	1519.2	1517.9	1516.5	1513.7
5°	1505.4	1504.0	1495.7	1505.4	1505.4	1504.0	1515.1	1516.5	1517.9	1515.1
7.5°	1497.1	1495.7	1487.4	1497.1	1497.1	1495.7	1508.2	1509.6	1510.9	1506.8
10°	1484.6	1483.2	1474.9	1484.6	1486.0	1484.6	1494.3	1495.7	1498.5	1492.9
12.5°	1468.0	1468.0	1459.7	1469.4	1470.8	1469.4	1479.1	1481.9	1484.6	1477.7
15°	1447.2	1448.6	1441.7	1451.4	1452.8	1452.8	1462.5	1463.8	1468.0	1458.3
17.5°	1422.3	1425.1	1419.5	1429.2	1430.6	1432.0	1437.5	1441.7	1445.8	1434.8
20°	1396.0	1397.4	1393.2	1401.5	1404.3	1402.9	1409.8	1415.4	1419.5	1408.5
22.5°	1364.1	1365.5	1361.4	1369.7	1372.4	1373.8	1379.4	1386.3	1389.1	1379.4
25°	1328.1	1333.7	1330.9	1339.2	1342.0	1342.0	1347.5	1354.4	1358.6	1344.7
27.5°	1293.5	1300.4	1297.7	1306.0	1308.7	1310.1	1312.9	1321.2	1325.4	1312.9
30°	1254.7	1263.0	1261.7	1270.0	1272.7	1271.3	1276.9	1285.2	1290.7	1276.9
32.5°	1211.8	1222.9	1221.5	1232.6	1235.3	1236.7	1240.9	1252.0	1257.5	1245.0
35°	1170.2	1182.7	1184.1	1196.6	1200.7	1202.1	1207.6	1218.7	1224.3	1211.8
37.5°	1127.3	1143.9	1148.1	1160.6	1164.7	1166.1	1171.6	1184.1	1189.6	1177.2
40°	1085.8	1105.2	1110.7	1121.8	1125.9	1130.1	1134.2	1146.7	1153.6	1141.2
42.5°	1044.2	1065.0	1071.9	1083.0	1087.2	1091.3	1096.8	1110.7	1116.2	1105.2
45°	1001.3	1023.4	1031.8	1042.8	1048.4	1052.5	1058.1	1070.5	1077.5	1066.4
47.5°	958.4	980.5	988.8	1001.3	1006.8	1012.4	1016.5	1031.8	1038.7	1027.6
50°	912.7	937.6	947.3	958.4	966.7	970.8	976.4	990.2	997.1	987.4
52.5°	867.0	893.3	904.3	915.4	923.7	930.7	933.4	948.7	955.6	945.9
55°	819.9	846.2	858.6	871.1	879.4	887.7	890.5	905.7	912.7	898.8
57.5°	772.8	800.5	812.9	826.8	833.7	843.4	847.6	861.4	868.3	858.6
60°	725.7	752.0	767.2	779.7	789.4	797.7	800.5	815.7	822.6	810.2
62.5°	677.2	704.9	720.2	734.0	742.3	752.0	756.2	770.0	775.5	763.1
65°	627.4	655.1	671.7	684.1	695.2	703.5	706.3	721.5	727.1	714.6
67.5°	577.5	605.2	623.2	637.1	646.8	656.4	659.2	674.5	680.0	670.3
70°	529.0	556.7	574.7	591.4	598.3	608.0	612.1	626.0	631.5	623.2
72.5°	480.6	508.3	527.7	544.3	551.2	560.9	566.4	577.5	585.8	578.9
75°	433.5	461.2	480.6	497.2	504.1	513.8	519.3	530.4	536.0	530.4
77.5°	387.8	415.5	433.5	450.1	458.4	466.7	472.3	483.3	490.3	484.7
80°	343.5	371.2	389.2	404.4	412.7	421.0	426.6	439.0	444.6	440.4
82.5°	301.9	328.2	347.6	362.8	371.2	379.5	385.0	396.1	403.0	397.5
85°	264.5	290.8	308.8	324.1	331.0	339.3	344.8	355.9	361.5	358.7
87.5°	228.5	252.1	272.8	288.1	295.0	303.3	310.2	318.5	325.5	321.3
90°	200.8	221.6	241.0	256.2	264.5	272.8	281.1	289.4	295.0	292.2
92.5°	202.2	221.6	239.6	253.4	261.7	270.1	278.4	288.1	292.2	289.4
95°	202.2	221.6	239.6	253.4	261.7	270.1	278.4	288.1	292.2	289.4
97.5°	202.2	221.6	239.6	253.4	261.7	270.1	278.4	288.1	292.2	288.1
100°	202.2	221.6	239.6	253.4	261.7	268.7	277.0	286.7	290.8	288.1
102.5°	202.2	221.6	238.2	252.1	260.4	267.3	275.6	285.3	289.4	286.7
105°	202.2	220.2	238.2	250.7	259.0	265.9	274.2	282.5	286.7	283.9
107.5°	200.8	218.8	235.4	249.3	256.2	263.1	271.4	279.8	283.9	281.1
110°	200.8	217.4	234.0	246.5	253.4	260.4	268.7	277.0	281.1	278.4





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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	199.4	216.0	232.7	243.7	250.7	257.6	264.5	274.2	278.4	275.6
115°	198.0	214.7	229.9	241.0	247.9	253.4	261.7	271.4	274.2	272.8
117.5°	196.7	211.9	227.1	238.2	245.1	250.7	257.6	265.9	270.1	268.7
120°	195.3	209.1	224.4	234.0	241.0	246.5	252.1	260.4	264.5	261.7
122.5°	192.5	206.4	221.6	231.3	236.8	242.4	247.9	254.8	259.0	257.6
125°	189.7	203.6	217.4	227.1	232.7	236.8	242.4	249.3	252.1	250.7
127.5°	187.0	200.8	213.3	221.6	228.5	232.7	236.8	243.7	246.5	245.1
130°	184.2	196.7	209.1	217.4	223.0	227.1	231.3	238.2	239.6	239.6
132.5°	181.4	192.5	205.0	213.3	218.8	221.6	225.7	231.3	234.0	232.7
135°	178.7	188.3	200.8	207.7	211.9	216.0	220.2	225.7	227.1	227.1
137.5°	174.5	184.2	195.3	202.2	206.4	209.1	213.3	218.8	220.2	220.2
140°	170.3	180.0	189.7	195.3	200.8	203.6	206.4	211.9	213.3	213.3
142.5°	166.2	174.5	184.2	189.7	195.3	196.7	200.8	205.0	206.4	206.4
145°	160.6	170.3	178.7	184.2	188.3	189.7	193.9	198.0	198.0	199.4
147.5°	153.7	162.0	173.1	177.3	181.4	182.8	187.0	189.7	191.1	191.1
150°	146.8	155.1	164.8	171.7	175.9	177.3	178.7	182.8	182.8	184.2
152.5°	139.9	146.8	156.5	163.4	169.0	170.3	171.7	174.5	174.5	175.9
155°	133.0	138.5	146.8	153.7	159.3	162.0	164.8	167.6	167.6	169.0
157.5°	127.4	133.0	139.9	145.4	149.6	153.7	157.9	160.6	160.6	160.6
160°	120.5	124.6	131.6	135.7	141.3	144.0	151.0	153.7	153.7	155.1
162.5°	116.3	117.7	121.9	126.0	130.2	133.0	139.9	146.8	146.8	148.2
165°	117.7	116.3	117.7	119.1	121.9	123.3	127.4	137.1	139.9	141.3
167.5°	120.5	116.3	116.3	116.3	119.1	119.1	123.3	128.8	138.5	135.7
170°	120.5	116.3	113.6	113.6	114.9	113.6	116.3	120.5	126.0	131.6
172.5°	121.9	117.7	113.6	108.0	109.4	108.0	105.3	105.3	106.6	124.6
175°	120.5	117.7	112.2	105.3	103.9	99.7	91.4	84.5	80.3	62.3
177.5°	119.1	114.9	110.8	105.3	102.5	98.3	88.6	77.6	66.5	63.7
180°	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6



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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	15.95	17.27	16.56	17.90	18.62	18.50	19.82	19.11	20.45	21.17
	3H	17.35	18.55	17.98	19.19	19.95	20.93	22.13	21.56	22.77	23.53
	4H	17.78	18.92	18.43	19.57	20.34	22.07	23.21	22.72	23.86	24.63
	6H	18.02	19.08	18.68	19.74	20.53	23.20	24.26	23.87	24.93	25.71
	8H	18.06	19.07	18.73	19.76	20.55	23.76	24.78	24.44	25.46	26.25
	12H	18.07	19.04	18.75	19.72	20.54	24.35	25.31	25.03	26.00	26.81
4H	2H	16.84	17.97	17.49	18.63	19.40	18.85	19.98	19.50	20.64	21.41
	3H	18.46	19.43	19.12	20.12	20.91	21.48	22.45	22.14	23.14	23.93
	4H	19.02	19.90	19.70	20.60	21.42	22.77	23.65	23.45	24.35	25.17
	6H	19.35	20.13	20.05	20.85	21.68	24.08	24.86	24.78	25.58	26.41
	8H	19.43	20.16	20.13	20.88	21.72	24.74	25.47	25.44	26.19	27.03
	12H	19.46	20.13	20.19	20.87	21.71	25.44	26.10	26.16	26.85	27.69
8H	4H	19.66	20.40	20.37	21.12	21.96	22.92	23.65	23.62	24.37	25.21
	6H	20.17	20.79	20.90	21.55	22.39	24.38	24.99	25.11	25.75	26.60
	8H	20.32	20.88	21.07	21.64	22.50	25.16	25.71	25.90	26.47	27.33
	12H	20.41	20.91	21.16	21.66	22.58	26.02	26.51	26.77	27.26	28.18
12H	4H	19.83	20.49	20.55	21.24	22.08	22.91	23.58	23.64	24.32	25.16
	6H	20.43	20.98	21.17	21.74	22.60	24.39	24.95	25.14	25.71	26.57
	8H	20.66	21.16	21.41	21.91	22.82	25.23	25.72	25.97	26.47	27.39