

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: P894207

Luminaire Tested: 4MB-SC3-FLTU-UNV-CC83-HI-3500K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894207
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-SC3-FLTU-UNV-CC83-HI-3500K
Description: Selectable 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 80CRI, 3500K CCT, HI lumen setting
Light Source: -
Ballast/Driver: -

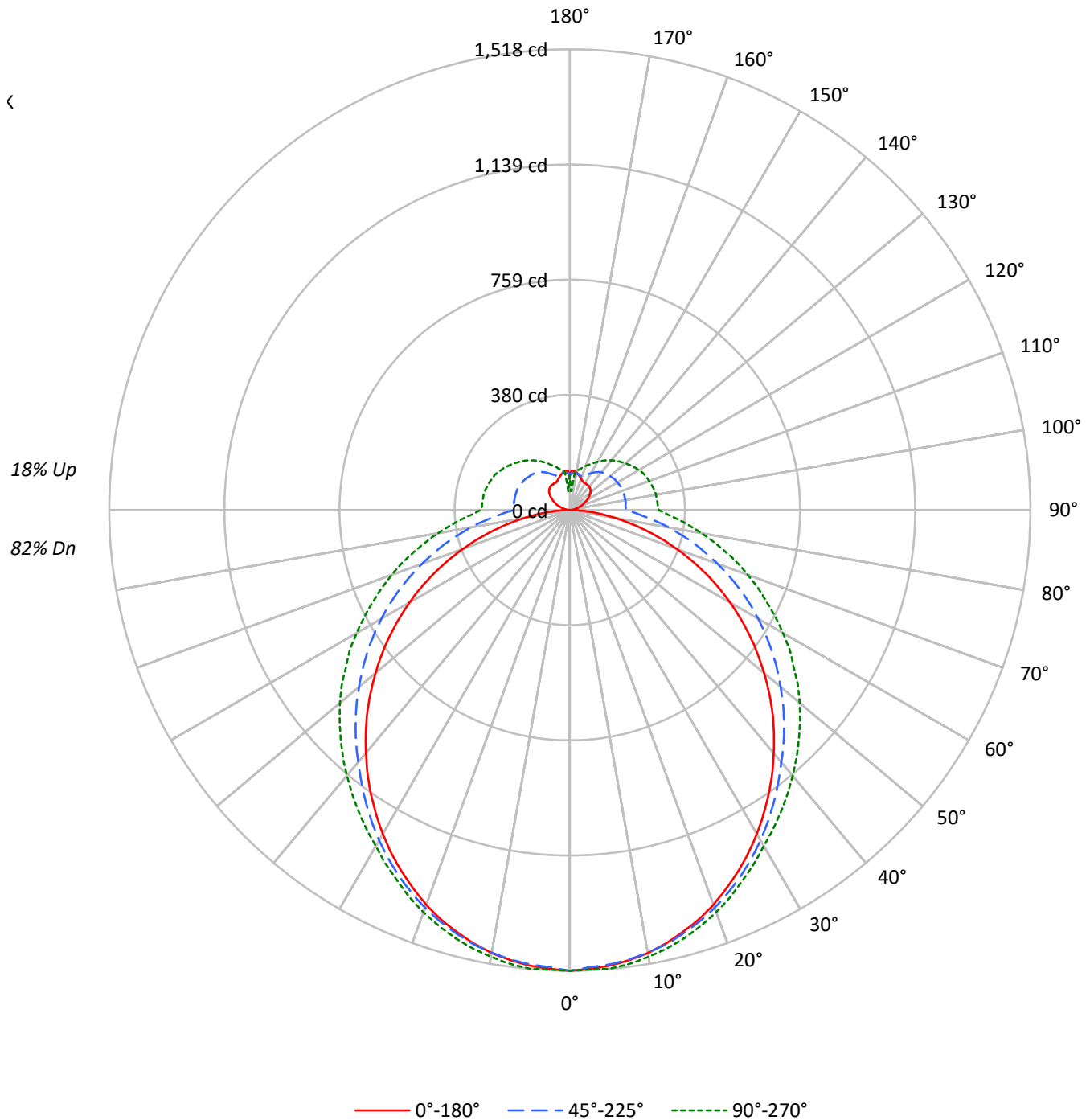
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5740.0 lumens
Efficiency: N/A
Efficacy: 113.2 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): 50.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.39961257980444
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°	10803	10803	10803
5°	10716	10351	10338
10°	10611	9954	9848
15°	10455	9556	9378
20°	10282	9148	8902
25°	10063	8723	8419
30°	9830	8290	7979
35°	9573	7855	7616
40°	9302	7426	7270
45°	9029	7052	6940
50°	8711	6665	6620
55°	8370	6286	6262
60°	7960	5879	5923
65°	7471	5450	5538
70°	6835	4980	5181
75°	5963	4499	4795
80°	4818	3985	4398
85°	3330	3463	4036

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9029 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.6	2.5
10°-20°	409.5	7.1
20°-30°	615.3	10.7
30°-40°	738.8	12.9
40°-50°	776.8	13.5
50°-60°	729.9	12.7
60°-70°	606.9	10.6
70°-80°	433.1	7.5
80°-90°	257.8	4.5
90°-100°	186.6	3.3
100°-110°	184.1	3.2
110°-120°	173.0	3.0
120°-130°	153.2	2.7
130°-140°	127.0	2.2
140°-150°	95.1	1.7
150°-160°	62.5	1.1
160°-170°	35.5	0.6
170°-180°	11.3	0.2
0°-30°	1168.3	20.4
0°-40°	1907.1	33.2
0°-60°	3413.9	59.5
0°-90°	4711.7	82.1
90°-120°	543.7	9.5
90°-150°	919.0	16.0
90°-180°	1028.0	17.9
0°-180°	5740.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1518	1518	1518	1518	1518	
5°	1507	1525	1503	1507	1517	143
15°	1439	1462	1445	1454	1460	406
25°	1313	1338	1331	1344	1346	605
35°	1143	1169	1173	1202	1213	715
45°	944	971	998	1050	1068	728
55°	725	754	814	880	900	648
65°	494	534	618	696	716	488
75°	259	318	423	505	531	275
85°	65	143	248	331	359	71
90°	0	82	184	265	293	5
95°	7	86	184	262	290	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	189	200	64
155°	103	115	129	160	169	48
165°	118	125	121	122	141	33
175°	130	129	122	104	62	12
180°	114	114	114	114	114	



TEST NUMBER: P894207
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3
2.5°	1512.8	1516.9	1518.3	1532.2	1526.6	1532.2	1522.5	1511.4	1508.6	1515.6	1507.2
5°	1507.2	1511.4	1512.8	1526.6	1521.1	1525.3	1516.9	1505.8	1503.1	1511.4	1503.1
7.5°	1496.1	1500.3	1501.7	1516.9	1510.0	1515.6	1505.8	1494.8	1493.4	1501.7	1493.4
10°	1482.3	1486.4	1487.8	1501.7	1496.1	1501.7	1492.0	1480.9	1479.5	1489.2	1480.9
12.5°	1462.9	1467.0	1469.8	1483.7	1476.7	1483.7	1472.6	1461.5	1462.9	1471.2	1465.6
15°	1439.3	1444.8	1446.2	1460.1	1454.5	1461.5	1450.4	1439.3	1442.1	1450.4	1444.8
17.5°	1414.3	1419.9	1421.3	1433.7	1428.2	1436.5	1424.0	1414.3	1417.1	1425.4	1421.3
20°	1383.8	1389.4	1392.1	1404.6	1399.1	1407.4	1394.9	1386.6	1389.4	1399.1	1394.9
22.5°	1349.2	1357.5	1358.9	1372.7	1365.8	1374.1	1361.6	1354.7	1358.9	1368.6	1364.4
25°	1313.1	1321.4	1322.8	1336.7	1331.1	1338.1	1325.6	1318.7	1324.2	1333.9	1331.1
27.5°	1274.3	1282.6	1285.4	1297.9	1292.3	1300.6	1286.8	1282.6	1288.2	1297.9	1295.1
30°	1232.7	1241.0	1242.4	1254.9	1250.7	1259.0	1246.6	1241.0	1249.3	1259.0	1256.3
32.5°	1188.3	1196.6	1200.8	1211.9	1207.7	1214.7	1203.6	1200.8	1207.7	1217.4	1216.0
35°	1142.6	1150.9	1155.0	1167.5	1162.0	1168.9	1157.8	1155.0	1166.1	1173.1	1173.1
37.5°	1095.4	1103.7	1107.9	1120.4	1113.4	1121.8	1110.7	1109.3	1121.8	1128.7	1128.7
40°	1045.5	1055.2	1059.4	1070.5	1064.9	1071.8	1062.1	1063.5	1074.6	1082.9	1084.3
42.5°	995.6	1005.3	1009.4	1021.9	1015.0	1021.9	1013.6	1015.0	1027.5	1035.8	1042.7
45°	944.3	952.6	956.8	970.6	962.3	970.6	962.3	965.1	977.6	990.0	998.4
47.5°	890.2	898.5	905.4	916.5	909.6	916.5	911.0	915.2	930.4	942.9	954.0
50°	836.1	844.4	851.4	861.1	854.1	863.9	856.9	862.5	881.9	894.4	906.8
52.5°	780.7	787.6	798.7	804.2	798.7	809.8	804.2	812.5	832.0	847.2	861.1
55°	725.2	732.1	743.2	747.4	741.8	754.3	750.2	761.2	782.0	798.7	813.9
57.5°	668.3	675.3	685.0	689.1	685.0	698.8	697.5	709.9	730.7	748.8	765.4
60°	610.1	617.0	625.4	629.5	629.5	643.4	643.4	658.6	680.8	697.5	716.9
62.5°	553.3	557.4	565.7	571.3	575.4	589.3	589.3	605.9	629.5	648.9	668.3
65°	493.6	497.8	504.7	511.7	518.6	533.8	535.2	553.3	576.8	596.2	618.4
67.5°	434.0	438.2	445.1	453.4	463.1	478.4	481.2	500.6	525.5	547.7	568.5
70°	375.8	377.2	385.5	396.6	407.7	422.9	427.1	447.9	474.2	496.4	518.6
72.5°	317.5	318.9	327.2	341.1	353.6	370.2	375.8	398.0	424.3	446.5	468.7
75°	259.3	260.7	271.8	288.4	302.3	317.5	324.5	348.0	374.4	398.0	422.9
77.5°	203.8	206.6	217.7	234.3	251.0	269.0	275.9	299.5	328.6	350.8	374.4
80°	152.5	155.3	167.8	185.8	203.8	220.5	228.8	252.4	282.9	305.1	331.4
82.5°	105.4	109.5	124.8	144.2	162.2	180.3	188.6	210.8	238.5	263.5	288.4
85°	65.2	70.7	86.0	106.8	126.2	142.8	151.1	174.7	201.1	224.6	248.2
87.5°	30.5	38.8	54.1	74.9	95.7	109.5	119.2	142.8	167.8	191.4	214.9
90°	0.0	12.5	27.7	48.5	69.3	81.8	92.9	115.1	140.0	162.2	184.4
92.5°	2.8	13.9	30.5	49.9	70.7	83.2	94.3	116.5	140.0	162.2	184.4
95°	6.9	15.3	31.9	52.7	73.5	86.0	95.7	117.9	141.4	163.6	184.4
97.5°	12.5	19.4	36.1	55.5	76.3	87.4	98.4	120.6	142.8	165.0	185.8
100°	16.6	22.2	38.8	58.2	79.0	90.1	101.2	122.0	144.2	166.4	185.8
102.5°	20.8	27.7	43.0	61.0	81.8	92.9	102.6	123.4	145.6	166.4	185.8
105°	26.3	31.9	45.8	65.2	84.6	95.7	105.4	126.2	147.0	167.8	185.8
107.5°	31.9	36.1	49.9	67.9	87.4	97.1	106.8	127.6	148.4	167.8	185.8
110°	38.8	41.6	54.1	70.7	88.7	99.8	109.5	129.0	148.4	167.8	185.8



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	45.8	45.8	58.2	73.5	91.5	101.2	110.9	130.3	149.8	167.8	185.8
115°	51.3	52.7	62.4	76.3	94.3	104.0	112.3	130.3	149.8	167.8	184.4
117.5°	58.2	58.2	67.9	79.0	95.7	105.4	115.1	131.7	149.8	166.4	183.0
120°	65.2	63.8	72.1	83.2	98.4	106.8	116.5	133.1	149.8	166.4	181.6
122.5°	72.1	69.3	74.9	86.0	99.8	109.5	116.5	133.1	149.8	165.0	180.3
125°	77.6	74.9	79.0	90.1	102.6	110.9	117.9	133.1	149.8	163.6	178.9
127.5°	83.2	80.4	84.6	92.9	104.0	110.9	119.2	133.1	149.8	162.2	176.1
130°	88.7	84.6	90.1	95.7	106.8	112.3	119.2	133.1	148.4	160.8	173.3
132.5°	92.9	88.7	94.3	98.4	108.2	113.7	120.6	133.1	147.0	159.5	171.9
135°	95.7	91.5	98.4	101.2	110.9	116.5	122.0	133.1	145.6	158.1	169.2
137.5°	98.4	92.9	101.2	104.0	112.3	117.9	122.0	131.7	144.2	155.3	166.4
140°	99.8	95.7	104.0	106.8	110.9	116.5	122.0	130.3	141.4	152.5	162.2
142.5°	101.2	95.7	105.4	108.2	110.9	115.1	120.6	127.6	138.7	148.4	158.1
145°	101.2	97.1	105.4	108.2	110.9	113.7	117.9	126.2	134.5	142.8	152.5
147.5°	101.2	98.4	106.8	109.5	112.3	112.3	115.1	123.4	130.3	138.7	147.0
150°	102.6	98.4	106.8	109.5	113.7	113.7	115.1	119.2	127.6	133.1	140.0
152.5°	101.2	99.8	105.4	110.9	113.7	115.1	115.1	116.5	123.4	129.0	134.5
155°	102.6	102.6	106.8	113.7	115.1	115.1	116.5	115.1	117.9	123.4	129.0
157.5°	105.4	108.2	108.2	115.1	117.9	117.9	119.2	117.9	116.5	117.9	123.4
160°	109.5	112.3	112.3	116.5	120.6	120.6	122.0	120.6	119.2	117.9	117.9
162.5°	113.7	116.5	116.5	117.9	122.0	123.4	124.8	123.4	122.0	119.2	117.9
165°	117.9	120.6	120.6	120.6	123.4	124.8	126.2	124.8	124.8	122.0	120.6
167.5°	122.0	124.8	124.8	123.4	124.8	126.2	127.6	126.2	126.2	124.8	122.0
170°	126.2	129.0	129.0	126.2	127.6	127.6	129.0	127.6	127.6	124.8	123.4
172.5°	129.0	131.7	130.3	129.0	129.0	129.0	129.0	127.6	126.2	123.4	123.4
175°	130.3	133.1	133.1	130.3	129.0	129.0	130.3	127.6	126.2	124.8	122.0
177.5°	130.3	133.1	133.1	130.3	130.3	129.0	130.3	129.0	129.0	126.2	123.4
180°	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3	1518.3
2.5°	1512.8	1511.4	1503.1	1512.8	1512.8	1510.0	1521.1	1519.7	1518.3	1515.6
5°	1507.2	1505.8	1497.5	1507.2	1507.2	1505.8	1516.9	1518.3	1519.7	1516.9
7.5°	1498.9	1497.5	1489.2	1498.9	1498.9	1497.5	1510.0	1511.4	1512.8	1508.6
10°	1486.4	1485.0	1476.7	1486.4	1487.8	1486.4	1496.1	1497.5	1500.3	1494.8
12.5°	1469.8	1469.8	1461.5	1471.2	1472.6	1471.2	1480.9	1483.7	1486.4	1479.5
15°	1449.0	1450.4	1443.5	1453.2	1454.5	1454.5	1464.2	1465.6	1469.8	1460.1
17.5°	1424.0	1426.8	1421.3	1431.0	1432.4	1433.7	1439.3	1443.5	1447.6	1436.5
20°	1397.7	1399.1	1394.9	1403.2	1406.0	1404.6	1411.6	1417.1	1421.3	1410.2
22.5°	1365.8	1367.2	1363.0	1371.3	1374.1	1375.5	1381.1	1388.0	1390.8	1381.1
25°	1329.7	1335.3	1332.5	1340.8	1343.6	1343.6	1349.2	1356.1	1360.3	1346.4
27.5°	1295.1	1302.0	1299.2	1307.6	1310.3	1311.7	1314.5	1322.8	1327.0	1314.5
30°	1256.3	1264.6	1263.2	1271.5	1274.3	1272.9	1278.4	1286.8	1292.3	1278.4
32.5°	1213.3	1224.4	1223.0	1234.1	1236.8	1238.2	1242.4	1253.5	1259.0	1246.6
35°	1171.7	1184.2	1185.5	1198.0	1202.2	1203.6	1209.1	1220.2	1225.8	1213.3
37.5°	1128.7	1145.3	1149.5	1162.0	1166.1	1167.5	1173.1	1185.5	1191.1	1178.6
40°	1087.1	1106.5	1112.1	1123.1	1127.3	1131.5	1135.6	1148.1	1155.0	1142.6
42.5°	1045.5	1066.3	1073.2	1084.3	1088.5	1092.6	1098.2	1112.1	1117.6	1106.5
45°	1002.5	1024.7	1033.0	1044.1	1049.7	1053.8	1059.4	1071.8	1078.8	1067.7
47.5°	959.5	981.7	990.0	1002.5	1008.1	1013.6	1017.8	1033.0	1040.0	1028.9
50°	913.8	938.7	948.4	959.5	967.8	972.0	977.6	991.4	998.4	988.6
52.5°	868.0	894.4	905.4	916.5	924.9	931.8	934.6	949.8	956.8	947.0
55°	820.9	847.2	859.7	872.2	880.5	888.8	891.6	906.8	913.8	899.9
57.5°	773.7	801.5	813.9	827.8	834.7	844.4	848.6	862.5	869.4	859.7
60°	726.6	752.9	768.2	780.7	790.4	798.7	801.5	816.7	823.6	811.2
62.5°	678.0	705.8	721.0	734.9	743.2	752.9	757.1	770.9	776.5	764.0
65°	628.1	655.9	672.5	685.0	696.1	704.4	707.2	722.4	728.0	715.5
67.5°	578.2	605.9	624.0	637.8	647.5	657.2	660.0	675.3	680.8	671.1
70°	529.7	557.4	575.4	592.1	599.0	608.7	612.9	626.7	632.3	624.0
72.5°	481.2	508.9	528.3	544.9	551.9	561.6	567.1	578.2	586.5	579.6
75°	434.0	461.7	481.2	497.8	504.7	514.4	520.0	531.1	536.6	531.1
77.5°	388.2	416.0	434.0	450.6	459.0	467.3	472.8	483.9	490.9	485.3
80°	343.9	371.6	389.6	404.9	413.2	421.5	427.1	439.6	445.1	440.9
82.5°	302.3	328.6	348.0	363.3	371.6	379.9	385.5	396.6	403.5	398.0
85°	264.8	291.2	309.2	324.5	331.4	339.7	345.3	356.4	361.9	359.1
87.5°	228.8	252.4	273.2	288.4	295.3	303.7	310.6	318.9	325.9	321.7
90°	201.1	221.9	241.3	256.5	264.8	273.2	281.5	289.8	295.3	292.6
92.5°	202.4	221.9	239.9	253.7	262.1	270.4	278.7	288.4	292.6	289.8
95°	202.4	221.9	239.9	253.7	262.1	270.4	278.7	288.4	292.6	289.8
97.5°	202.4	221.9	239.9	253.7	262.1	270.4	278.7	288.4	292.6	288.4
100°	202.4	221.9	239.9	253.7	262.1	269.0	277.3	287.0	291.2	288.4
102.5°	202.4	221.9	238.5	252.4	260.7	267.6	275.9	285.6	289.8	287.0
105°	202.4	220.5	238.5	251.0	259.3	266.2	274.5	282.9	287.0	284.3
107.5°	201.1	219.1	235.7	249.6	256.5	263.5	271.8	280.1	284.3	281.5
110°	201.1	217.7	234.3	246.8	253.7	260.7	269.0	277.3	281.5	278.7



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	199.7	216.3	232.9	244.0	251.0	257.9	264.8	274.5	278.7	275.9
115°	198.3	214.9	230.2	241.3	248.2	253.7	262.1	271.8	274.5	273.2
117.5°	196.9	212.1	227.4	238.5	245.4	251.0	257.9	266.2	270.4	269.0
120°	195.5	209.4	224.6	234.3	241.3	246.8	252.4	260.7	264.8	262.1
122.5°	192.7	206.6	221.9	231.6	237.1	242.7	248.2	255.1	259.3	257.9
125°	190.0	203.8	217.7	227.4	232.9	237.1	242.7	249.6	252.4	251.0
127.5°	187.2	201.1	213.5	221.9	228.8	232.9	237.1	244.0	246.8	245.4
130°	184.4	196.9	209.4	217.7	223.2	227.4	231.6	238.5	239.9	239.9
132.5°	181.6	192.7	205.2	213.5	219.1	221.9	226.0	231.6	234.3	232.9
135°	178.9	188.6	201.1	208.0	212.1	216.3	220.5	226.0	227.4	227.4
137.5°	174.7	184.4	195.5	202.4	206.6	209.4	213.5	219.1	220.5	220.5
140°	170.6	180.3	190.0	195.5	201.1	203.8	206.6	212.1	213.5	213.5
142.5°	166.4	174.7	184.4	190.0	195.5	196.9	201.1	205.2	206.6	206.6
145°	160.8	170.6	178.9	184.4	188.6	190.0	194.1	198.3	198.3	199.7
147.5°	153.9	162.2	173.3	177.5	181.6	183.0	187.2	190.0	191.4	191.4
150°	147.0	155.3	165.0	171.9	176.1	177.5	178.9	183.0	183.0	184.4
152.5°	140.0	147.0	156.7	163.6	169.2	170.6	171.9	174.7	174.7	176.1
155°	133.1	138.7	147.0	153.9	159.5	162.2	165.0	167.8	167.8	169.2
157.5°	127.6	133.1	140.0	145.6	149.8	153.9	158.1	160.8	160.8	160.8
160°	120.6	124.8	131.7	135.9	141.4	144.2	151.1	153.9	153.9	155.3
162.5°	116.5	117.9	122.0	126.2	130.3	133.1	140.0	147.0	147.0	148.4
165°	117.9	116.5	117.9	119.2	122.0	123.4	127.6	137.3	140.0	141.4
167.5°	120.6	116.5	116.5	116.5	119.2	119.2	123.4	129.0	138.7	135.9
170°	120.6	116.5	113.7	113.7	115.1	113.7	116.5	120.6	126.2	131.7
172.5°	122.0	117.9	113.7	108.2	109.5	108.2	105.4	105.4	106.8	124.8
175°	120.6	117.9	112.3	105.4	104.0	99.8	91.5	84.6	80.4	62.4
177.5°	119.2	115.1	110.9	105.4	102.6	98.4	88.7	77.6	66.6	63.8
180°	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7	113.7



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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	16.57	17.90	18.63	18.50	19.82	19.12	20.45	21.18
	3H	17.36	18.56	17.99	19.20	19.96	20.93	22.13	21.56	22.77	23.53
	4H	17.79	18.92	18.43	19.58	20.35	22.07	23.21	22.72	23.86	24.63
	6H	18.02	19.08	18.68	19.75	20.53	23.21	24.27	23.87	24.93	25.72
	8H	18.07	19.08	18.74	19.76	20.55	23.77	24.78	24.44	25.47	26.25
	12H	18.08	19.04	18.75	19.73	20.54	24.35	25.32	25.03	26.00	26.82
4H	2H	16.84	17.98	17.49	18.63	19.40	18.85	19.99	19.50	20.64	21.41
	3H	18.46	19.43	19.13	20.12	20.91	21.48	22.45	22.15	23.14	23.93
	4H	19.02	19.91	19.70	20.60	21.42	22.77	23.66	23.45	24.36	25.17
	6H	19.36	20.14	20.06	20.86	21.69	24.08	24.86	24.78	25.58	26.41
	8H	19.44	20.17	20.14	20.89	21.73	24.74	25.47	25.45	26.19	27.03
	12H	19.47	20.13	20.19	20.87	21.72	25.44	26.11	26.17	26.85	27.70
8H	4H	19.67	20.40	20.37	21.12	21.96	22.93	23.66	23.63	24.38	25.22
	6H	20.17	20.79	20.91	21.55	22.39	24.38	25.00	25.11	25.76	26.60
	8H	20.33	20.88	21.07	21.65	22.50	25.16	25.72	25.91	26.48	27.34
	12H	20.42	20.91	21.17	21.67	22.58	26.02	26.52	26.77	27.27	28.19
12H	4H	19.83	20.50	20.56	21.24	22.09	22.92	23.58	23.64	24.32	25.17
	6H	20.43	20.99	21.18	21.75	22.61	24.40	24.95	25.14	25.72	26.57
	8H	20.67	21.16	21.41	21.91	22.83	25.23	25.72	25.98	26.48	27.39