

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: P894317

Luminaire Tested: 4MB-SC3-RNDU-UNV-CC83-HI-5000K

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894317
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-SC3-RNDU-UNV-CC83-HI-5000K
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 50
CCT, HI lumen setting
Light Source: -
Ballast/Driver: -

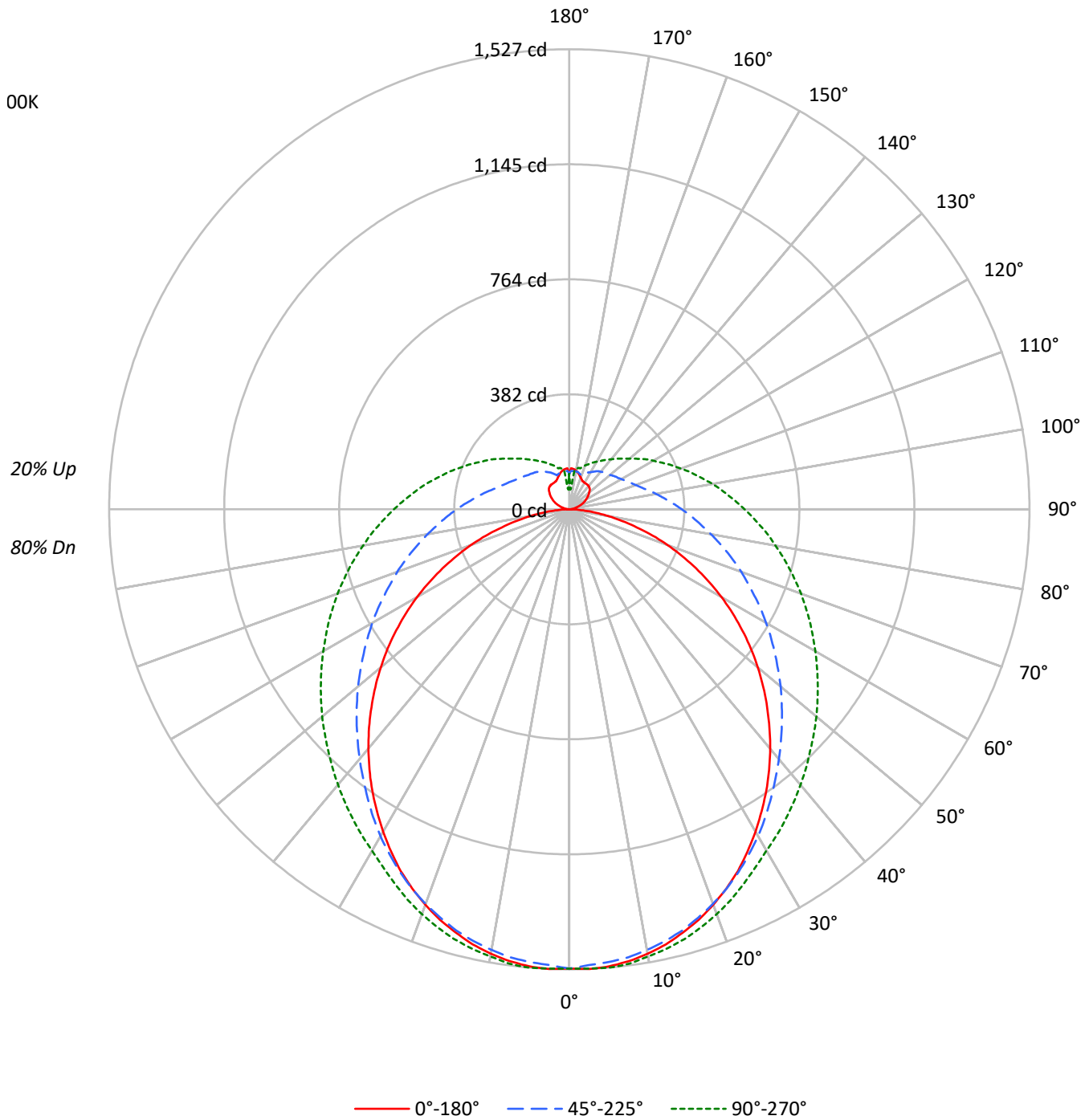
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6412.0 lumens
Efficiency: N/A
Efficacy: 126.5 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): 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	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°	10847	10847	10847
5°	10828	10388	10410
10°	10727	9984	9929
15°	10568	9574	9484
20°	10378	9142	9028
25°	10149	8707	8571
30°	9855	8269	8165
35°	9552	7818	7867
40°	9227	7411	7596
45°	8876	7049	7354
50°	8508	6728	7168
55°	8086	6430	7005
60°	7608	6186	6883
65°	7026	5970	6815
70°	6305	5837	6793
75°	5338	5740	6823
80°	4170	5738	6931
85°	2666	5889	7158

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8876 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.2	2.2
10°-20°	411.3	6.4
20°-30°	617.5	9.6
30°-40°	742.5	11.6
40°-50°	786.7	12.3
50°-60°	757.6	11.8
60°-70°	670.5	10.5
70°-80°	550.0	8.6
80°-90°	426.7	6.7
90°-100°	331.2	5.2
100°-110°	262.5	4.1
110°-120°	209.1	3.3
120°-130°	166.1	2.6
130°-140°	129.7	2.0
140°-150°	95.4	1.5
150°-160°	63.1	1.0
160°-170°	36.3	0.6
170°-180°	11.7	0.2
0°-30°	1173.0	18.3
0°-40°	1915.5	29.9
0°-60°	3459.8	54.0
0°-90°	5107.0	79.6
90°-120°	802.7	12.5
90°-150°	1193.9	18.6
90°-180°	1305.0	20.4
0°-180°	6412.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1524	1524	1524	1524	1524	
5°	1523	1524	1508	1520	1527	145
15°	1455	1456	1448	1469	1477	410
25°	1324	1329	1329	1362	1371	609
35°	1140	1155	1168	1229	1253	713
45°	928	950	998	1092	1131	716
55°	701	735	833	956	1007	627
65°	464	528	677	820	880	459
75°	232	348	540	692	756	248
85°	52	210	422	576	637	60
90°	2	165	373	522	582	4
95°	7	136	329	471	529	8
105°	26	110	260	386	437	28
115°	52	106	216	315	357	51
125°	75	110	189	260	292	67
135°	96	118	170	218	238	73
145°	102	116	154	187	199	64
155°	103	120	132	160	168	48
165°	122	129	125	125	141	34
175°	135	133	128	106	71	13
180°	118	118	118	118	118	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5
2.5°	1527.4	1525.9	1528.8	1531.7	1540.4	1528.8	1534.6	1518.7	1520.1	1521.6	1514.3
5°	1523.0	1518.7	1523.0	1525.9	1533.2	1524.5	1530.3	1512.9	1514.3	1517.2	1508.5
7.5°	1512.9	1508.5	1511.4	1514.3	1521.6	1512.9	1520.1	1502.7	1505.6	1507.1	1499.8
10°	1498.4	1492.6	1495.5	1499.8	1505.6	1498.4	1504.2	1488.2	1489.7	1492.6	1485.3
12.5°	1479.5	1473.7	1476.6	1479.5	1486.8	1479.5	1485.3	1469.3	1472.2	1475.1	1467.9
15°	1454.8	1449.0	1451.9	1454.8	1460.6	1456.3	1462.1	1446.1	1449.0	1454.8	1447.6
17.5°	1428.7	1420.0	1422.9	1427.3	1433.1	1430.2	1434.5	1421.5	1422.9	1428.7	1421.5
20°	1396.8	1388.1	1391.0	1395.4	1401.2	1399.7	1402.6	1391.0	1393.9	1401.2	1393.9
22.5°	1362.0	1353.3	1356.2	1362.0	1366.4	1366.4	1367.8	1359.1	1362.0	1369.3	1363.5
25°	1324.3	1315.6	1318.5	1324.3	1328.6	1328.6	1331.5	1322.8	1327.2	1334.4	1328.6
27.5°	1280.8	1276.4	1276.4	1282.2	1285.1	1288.0	1289.5	1282.2	1288.0	1295.3	1290.9
30°	1235.8	1230.0	1232.9	1240.2	1240.2	1246.0	1246.0	1240.2	1247.4	1256.1	1253.2
32.5°	1187.9	1183.6	1185.0	1193.8	1193.8	1201.0	1199.6	1196.7	1203.9	1214.1	1211.2
35°	1140.1	1135.7	1137.2	1145.9	1145.9	1154.6	1151.7	1151.7	1158.9	1170.5	1167.6
37.5°	1089.3	1086.4	1087.9	1096.6	1096.6	1105.3	1102.4	1103.8	1112.5	1125.6	1124.1
40°	1037.1	1034.2	1037.1	1044.4	1047.3	1054.5	1051.6	1054.5	1066.1	1077.7	1082.1
42.5°	983.4	982.0	984.9	992.1	995.0	1002.3	1000.8	1005.2	1016.8	1034.2	1040.0
45°	928.3	928.3	931.2	938.5	941.4	950.1	948.6	954.4	968.9	987.8	997.9
47.5°	873.2	874.6	876.1	884.8	884.8	899.3	895.0	903.7	922.5	944.3	955.9
50°	816.6	819.5	821.0	828.2	831.1	844.2	841.3	855.8	876.1	899.3	915.3
52.5°	760.1	763.0	765.9	771.7	774.6	790.5	787.6	806.5	831.1	855.8	873.2
55°	700.6	706.4	707.8	715.1	719.4	735.4	735.4	757.2	783.3	810.8	832.6
57.5°	642.6	648.4	649.8	658.5	664.3	683.2	686.1	710.7	739.7	767.3	793.4
60°	583.1	590.3	591.8	600.5	610.7	631.0	635.3	662.9	694.8	723.8	754.3
62.5°	523.6	530.9	533.8	542.5	558.4	578.7	586.0	617.9	651.3	683.2	716.5
65°	464.2	471.4	475.8	487.4	506.2	528.0	538.1	571.5	609.2	642.6	677.4
67.5°	404.7	413.4	419.2	433.7	458.4	481.6	491.7	529.4	568.6	604.9	641.1
70°	346.7	355.4	362.6	381.5	410.5	433.7	446.8	487.4	528.0	567.1	607.8
72.5°	290.1	298.8	309.0	332.2	364.1	390.2	404.7	446.8	491.7	530.9	572.9
75°	232.1	242.2	253.8	285.7	322.0	348.1	364.1	409.0	455.5	494.6	539.6
77.5°	179.9	190.0	207.4	239.3	279.9	309.0	326.4	374.2	422.1	461.3	507.7
80°	132.0	142.1	165.4	200.2	242.2	269.8	291.5	340.9	390.2	430.8	477.2
82.5°	89.9	100.1	127.6	165.4	210.3	237.9	258.2	310.4	359.7	401.8	448.2
85°	52.2	66.7	95.7	136.3	182.8	210.3	230.6	284.3	332.2	374.2	422.1
87.5°	23.2	40.6	72.5	113.1	159.6	185.7	207.4	256.7	307.5	349.6	397.4
90°	1.5	23.2	56.6	95.7	140.7	165.4	185.7	235.0	282.8	326.4	372.8
92.5°	2.9	16.0	46.4	82.7	124.7	149.4	169.7	216.1	261.1	306.1	351.0
95°	7.3	16.0	40.6	74.0	113.1	136.3	155.2	200.2	242.2	285.7	329.3
97.5°	11.6	17.4	39.2	69.6	104.4	126.2	143.6	185.7	227.7	266.9	310.4
100°	16.0	21.8	39.2	66.7	98.6	118.9	134.9	174.1	213.2	249.5	293.0
102.5°	20.3	26.1	42.1	66.7	95.7	113.1	129.1	165.4	201.6	235.0	275.6
105°	26.1	30.5	45.0	66.7	92.8	110.2	123.3	156.7	191.5	223.4	259.6
107.5°	31.9	34.8	47.9	68.2	92.8	107.3	120.4	150.9	182.8	211.8	246.6
110°	39.2	40.6	52.2	71.1	92.8	105.9	117.5	146.5	175.5	203.1	235.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	45.0	45.0	56.6	74.0	92.8	105.9	116.0	142.1	169.7	194.4	224.8
115°	52.2	52.2	60.9	76.9	94.3	105.9	116.0	140.7	165.4	187.1	216.1
117.5°	58.0	58.0	66.7	79.8	97.2	107.3	116.0	137.8	161.0	181.3	207.4
120°	63.8	63.8	69.6	82.7	98.6	108.8	116.0	136.3	156.7	177.0	200.2
122.5°	69.6	69.6	74.0	87.0	100.1	108.8	116.0	134.9	153.8	171.2	192.9
125°	75.4	75.4	78.3	89.9	103.0	110.2	117.5	134.9	152.3	166.8	188.6
127.5°	81.2	79.8	84.1	94.3	104.4	111.7	118.9	134.9	149.4	163.9	182.8
130°	85.6	84.1	89.9	97.2	107.3	113.1	118.9	133.4	147.9	161.0	177.0
132.5°	91.4	88.5	95.7	98.6	110.2	116.0	120.4	133.4	146.5	158.1	174.1
135°	95.7	92.8	100.1	103.0	111.7	117.5	121.8	133.4	145.0	156.7	169.7
137.5°	98.6	97.2	104.4	107.3	113.1	118.9	123.3	133.4	143.6	153.8	166.8
140°	100.1	98.6	104.4	110.2	113.1	118.9	121.8	132.0	142.1	150.9	162.5
142.5°	101.5	101.5	105.9	111.7	113.1	117.5	121.8	130.5	139.2	146.5	159.6
145°	101.5	101.5	105.9	113.1	114.6	116.0	118.9	127.6	134.9	142.1	153.8
147.5°	101.5	101.5	107.3	113.1	116.0	117.5	116.0	124.7	132.0	137.8	147.9
150°	101.5	101.5	107.3	113.1	117.5	118.9	117.5	121.8	127.6	133.4	142.1
152.5°	103.0	103.0	107.3	113.1	117.5	118.9	118.9	118.9	123.3	129.1	137.8
155°	103.0	104.4	107.3	116.0	118.9	120.4	120.4	120.4	118.9	124.7	132.0
157.5°	107.3	108.8	110.2	117.5	120.4	121.8	121.8	121.8	120.4	118.9	126.2
160°	111.7	113.1	114.6	120.4	123.3	124.7	124.7	124.7	121.8	120.4	120.4
162.5°	116.0	118.9	118.9	121.8	124.7	126.2	126.2	127.6	124.7	123.3	121.8
165°	121.8	123.3	123.3	124.7	127.6	129.1	127.6	129.1	127.6	126.2	124.7
167.5°	126.2	127.6	127.6	129.1	129.1	130.5	130.5	130.5	129.1	127.6	127.6
170°	130.5	132.0	132.0	132.0	132.0	132.0	132.0	132.0	130.5	127.6	127.6
172.5°	133.4	134.9	134.9	133.4	133.4	133.4	133.4	132.0	129.1	127.6	127.6
175°	134.9	136.3	136.3	134.9	133.4	133.4	133.4	132.0	129.1	127.6	127.6
177.5°	136.3	137.8	136.3	136.3	133.4	133.4	133.4	133.4	130.5	129.1	127.6
180°	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5	1524.5
2.5°	1523.0	1505.6	1517.2	1518.7	1524.5	1518.7	1523.0	1518.7	1530.3	1525.9
5°	1517.2	1501.3	1511.4	1512.9	1520.1	1512.9	1520.1	1517.2	1531.7	1527.4
7.5°	1507.1	1494.0	1502.7	1504.2	1512.9	1505.6	1512.9	1510.0	1527.4	1521.6
10°	1492.6	1482.4	1491.1	1492.6	1501.3	1494.0	1499.8	1496.9	1515.8	1507.1
12.5°	1476.6	1467.9	1475.1	1476.6	1486.8	1479.5	1486.8	1483.8	1502.7	1494.0
15°	1453.4	1449.0	1456.3	1459.2	1469.3	1463.5	1470.8	1467.9	1488.2	1476.6
17.5°	1430.2	1427.3	1434.5	1437.4	1449.0	1441.8	1449.0	1446.1	1466.4	1454.8
20°	1401.2	1399.7	1407.0	1411.3	1421.5	1414.2	1422.9	1420.0	1441.8	1430.2
22.5°	1370.7	1370.7	1376.5	1380.9	1391.0	1385.2	1393.9	1392.5	1414.2	1402.6
25°	1337.4	1338.8	1344.6	1350.4	1362.0	1357.7	1364.9	1364.9	1385.2	1370.7
27.5°	1299.6	1306.9	1311.2	1318.5	1328.6	1324.3	1331.5	1333.0	1353.3	1338.8
30°	1260.5	1270.6	1275.0	1283.7	1292.4	1292.4	1299.6	1302.5	1322.8	1308.3
32.5°	1219.9	1231.5	1237.3	1248.9	1260.5	1260.5	1270.6	1275.0	1295.3	1282.2
35°	1179.2	1195.2	1202.5	1217.0	1228.6	1230.0	1240.2	1246.0	1266.3	1253.2
37.5°	1140.1	1160.4	1167.6	1185.0	1195.2	1198.1	1209.7	1217.0	1235.8	1224.2
40°	1099.5	1124.1	1132.8	1151.7	1160.4	1166.2	1177.8	1186.5	1203.9	1193.8
42.5°	1060.3	1087.9	1096.6	1116.9	1127.0	1132.8	1144.4	1156.0	1173.4	1163.3
45°	1021.1	1051.6	1061.8	1083.5	1092.2	1100.9	1114.0	1124.1	1140.1	1131.4
47.5°	983.4	1015.3	1025.5	1048.7	1058.9	1069.0	1080.6	1095.1	1109.6	1100.9
50°	944.3	977.6	990.7	1015.3	1024.0	1035.6	1050.2	1063.2	1077.7	1070.5
52.5°	906.6	941.4	954.4	980.5	990.7	1002.3	1016.8	1031.3	1044.4	1038.5
55°	865.9	903.7	918.2	945.7	955.9	967.5	983.4	999.4	1011.0	1006.6
57.5°	828.2	867.4	881.9	912.4	921.1	935.6	951.5	968.9	979.1	974.7
60°	790.5	829.7	847.1	877.5	887.7	902.2	918.2	937.0	945.7	942.8
62.5°	752.8	793.4	812.3	844.2	852.9	868.8	887.7	903.7	912.4	910.9
65°	718.0	757.2	778.9	810.8	819.5	836.9	854.3	871.7	880.4	880.4
67.5°	681.7	723.8	745.6	778.9	786.2	805.0	823.9	841.3	848.5	848.5
70°	648.4	689.0	713.6	747.0	754.3	771.7	792.0	810.8	816.6	818.1
72.5°	615.0	655.6	681.7	716.5	723.8	741.2	760.1	780.4	784.7	786.2
75°	583.1	623.7	649.8	684.6	691.9	709.3	729.6	748.5	754.3	755.7
77.5°	551.2	591.8	620.8	654.2	661.4	678.8	699.1	718.0	722.3	725.2
80°	522.2	561.3	588.9	625.2	632.4	649.8	668.7	687.5	690.4	694.8
82.5°	493.2	532.3	561.3	596.2	603.4	620.8	639.7	658.5	661.4	667.2
85°	465.6	504.8	533.8	567.1	575.8	591.8	612.1	629.5	632.4	636.8
87.5°	440.9	477.2	507.7	539.6	548.3	564.2	584.5	602.0	603.4	609.2
90°	414.8	451.1	481.6	513.5	522.2	536.7	557.0	574.4	577.3	581.6
92.5°	393.1	426.4	458.4	488.8	496.1	512.0	530.9	548.3	551.2	555.5
95°	369.9	403.2	435.1	464.2	471.4	487.4	504.8	522.2	525.1	529.4
97.5°	349.6	381.5	411.9	440.9	448.2	462.7	481.6	497.5	500.4	506.2
100°	330.7	361.2	393.1	419.2	426.4	440.9	458.4	474.3	477.2	483.0
102.5°	313.3	342.3	372.8	397.4	406.1	419.2	436.6	451.1	454.0	458.4
105°	297.4	324.9	353.9	377.1	385.8	398.9	414.8	429.3	432.2	436.6
107.5°	281.4	307.5	335.1	358.3	365.5	377.1	393.1	407.6	410.5	416.3
110°	266.9	293.0	319.1	340.9	349.6	358.3	374.2	387.3	390.2	394.5



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	253.8	277.0	303.2	323.5	330.7	340.9	353.9	367.0	369.9	375.7
115°	242.2	264.0	290.1	309.0	314.8	323.5	338.0	349.6	352.5	356.8
117.5°	232.1	250.9	274.1	293.0	300.3	307.5	320.6	330.7	335.1	338.0
120°	223.4	240.8	261.1	278.5	287.2	293.0	304.6	314.8	319.1	322.0
122.5°	214.7	230.6	249.5	265.4	272.7	277.0	290.1	298.8	303.2	307.5
125°	207.4	221.9	239.3	252.4	259.6	264.0	275.6	284.3	288.6	291.5
127.5°	200.2	213.2	230.6	240.8	248.0	250.9	261.1	269.8	274.1	275.6
130°	192.9	206.0	220.5	230.6	236.4	240.8	249.5	255.3	259.6	261.1
132.5°	187.1	198.7	211.8	221.9	227.7	229.2	237.9	243.7	248.0	249.5
135°	182.8	191.5	204.5	213.2	217.6	220.5	227.7	232.1	236.4	237.9
137.5°	177.0	185.7	197.3	203.1	208.9	210.3	217.6	221.9	226.3	227.7
140°	172.6	179.9	190.0	195.8	201.6	201.6	207.4	211.8	216.1	216.1
142.5°	168.3	175.5	184.2	190.0	194.4	194.4	200.2	203.1	207.4	207.4
145°	162.5	169.7	178.4	182.8	187.1	187.1	191.5	194.4	198.7	198.7
147.5°	156.7	163.9	172.6	175.5	179.9	179.9	184.2	187.1	190.0	190.0
150°	149.4	155.2	165.4	169.7	174.1	174.1	177.0	179.9	182.8	182.8
152.5°	143.6	147.9	156.7	162.5	166.8	166.8	169.7	172.6	175.5	175.5
155°	136.3	140.7	147.9	155.2	159.6	161.0	163.9	165.4	168.3	168.3
157.5°	130.5	134.9	140.7	146.5	150.9	153.8	158.1	159.6	161.0	161.0
160°	123.3	126.2	132.0	137.8	142.1	145.0	152.3	153.8	155.2	155.2
162.5°	120.4	120.4	123.3	127.6	132.0	133.4	140.7	146.5	149.4	147.9
165°	121.8	120.4	120.4	121.8	124.7	126.2	130.5	139.2	142.1	140.7
167.5°	124.7	121.8	120.4	120.4	123.3	123.3	127.6	134.9	143.6	140.7
170°	124.7	120.4	117.5	117.5	118.9	118.9	121.8	126.2	134.9	136.3
172.5°	123.3	120.4	116.0	110.2	111.7	110.2	108.8	111.7	113.1	127.6
175°	124.7	120.4	116.0	108.8	105.9	101.5	94.3	88.5	87.0	71.1
177.5°	123.3	118.9	113.1	107.3	104.4	98.6	89.9	79.8	74.0	65.3
180°	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5	117.5



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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	15.21	16.52	15.85	17.19	17.96	18.76	20.07	19.40	20.73	21.50
	3H	16.56	17.76	17.22	18.43	19.24	21.68	22.87	22.33	23.55	24.35
	4H	16.97	18.10	17.64	18.79	19.61	23.15	24.29	23.82	24.98	25.79
	6H	17.18	18.24	17.87	18.94	19.77	24.71	25.77	25.40	26.47	27.30
	8H	17.22	18.23	17.91	18.95	19.78	25.52	26.54	26.21	27.25	28.09
	12H	17.22	18.20	17.92	18.91	19.77	26.40	27.37	27.10	28.09	28.95
4H	2H	16.35	17.49	17.03	18.18	18.99	19.08	20.22	19.75	20.90	21.72
	3H	18.00	18.97	18.69	19.70	20.53	22.23	23.21	22.92	23.93	24.76
	4H	18.57	19.47	19.27	20.19	21.05	23.88	24.78	24.58	25.50	26.37
	6H	18.91	19.70	19.63	20.45	21.32	25.65	26.45	26.37	27.20	28.06
	8H	18.98	19.73	19.71	20.48	21.36	26.58	27.33	27.31	28.08	28.97
	12H	19.01	19.69	19.76	20.46	21.35	27.61	28.29	28.35	29.06	29.95
8H	4H	19.65	20.40	20.38	21.15	22.03	24.05	24.80	24.78	25.55	26.43
	6H	20.26	20.90	21.02	21.69	22.57	26.00	26.64	26.76	27.43	28.32
	8H	20.46	21.04	21.22	21.82	22.72	27.09	27.67	27.85	28.45	29.35
	12H	20.57	21.09	21.34	21.87	22.82	28.30	28.82	29.07	29.60	30.56
12H	4H	20.01	20.69	20.75	21.46	22.35	24.05	24.73	24.80	25.50	26.39
	6H	20.78	21.36	21.55	22.15	23.05	26.03	26.61	26.80	27.40	28.30
	8H	21.11	21.63	21.88	22.41	23.36	27.18	27.70	27.95	28.48	29.43