

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: P895160

Luminaire Tested: 8TMB-6SL-RNDU-UNV-L850

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P895160
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: 8TMB-6SL-RNDU-UNV-L850
Description: 6000 Lumen 8FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 80CRI, 5
Light Source: -
Ballast/Driver: -

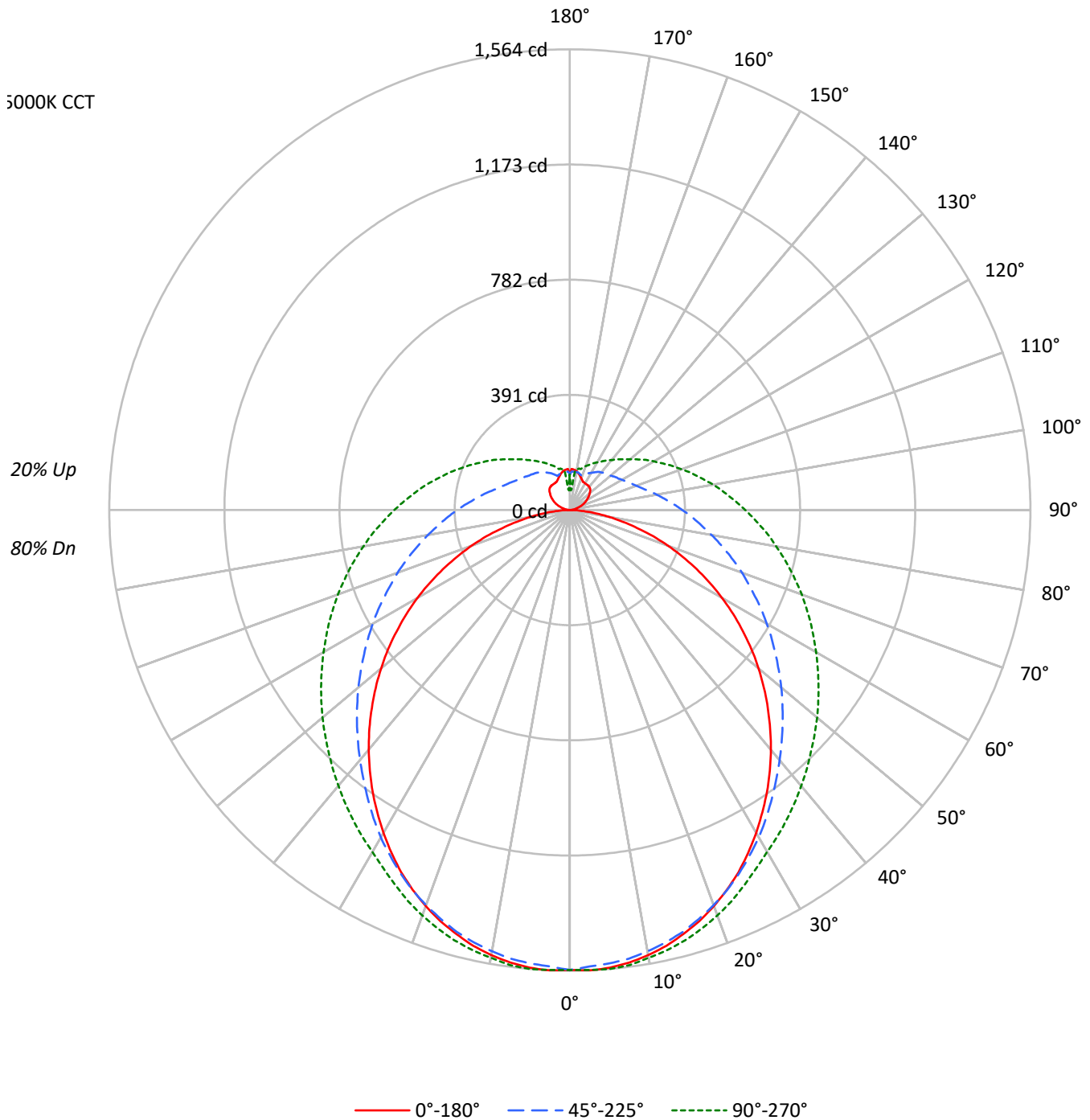
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6567.0 lumens
Efficiency: N/A
Efficacy: 155.6 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.28 / 1.37
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 7.98' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 42.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 5.51
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°	5540	5540	5540
5°	5543	5314	5317
10°	5504	5115	5071
15°	5435	4912	4844
20°	5351	4697	4611
25°	5246	4480	4377
30°	5109	4260	4171
35°	4967	4034	4018
40°	4814	3829	3879
45°	4650	3648	3756
50°	4478	3487	3661
55°	4279	3339	3578
60°	4055	3219	3516
65°	3780	3114	3481
70°	3436	3053	3469
75°	2969	3012	3485
80°	2406	3024	3540
85°	1677	3121	3656

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4650 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	147.7	2.2
10°-20°	421.2	6.4
20°-30°	632.4	9.6
30°-40°	760.5	11.6
40°-50°	805.7	12.3
50°-60°	775.9	11.8
60°-70°	686.7	10.5
70°-80°	563.2	8.6
80°-90°	437.1	6.7
90°-100°	339.2	5.2
100°-110°	268.8	4.1
110°-120°	214.1	3.3
120°-130°	170.1	2.6
130°-140°	132.8	2.0
140°-150°	97.8	1.5
150°-160°	64.6	1.0
160°-170°	37.2	0.6
170°-180°	12.0	0.2
0°-30°	1201.3	18.3
0°-40°	1961.8	29.9
0°-60°	3543.4	54.0
0°-90°	5230.4	79.6
90°-120°	822.1	12.5
90°-150°	1222.8	18.6
90°-180°	1337.0	20.4
0°-180°	6567.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1561	1561	1561	1561	1561	
5°	1560	1561	1545	1557	1564	148
15°	1490	1492	1483	1505	1512	420
25°	1356	1361	1361	1395	1404	624
35°	1168	1182	1196	1258	1284	730
45°	951	973	1022	1119	1159	734
55°	718	753	853	979	1031	642
65°	475	541	694	839	902	471
75°	238	356	553	709	774	254
85°	54	215	432	590	652	61
90°	2	169	382	535	596	4
95°	7	140	337	483	542	8
105°	27	113	266	395	447	29
115°	54	108	221	322	365	52
125°	77	113	193	266	299	69
135°	98	120	174	223	244	75
145°	104	119	158	192	204	65
155°	106	123	135	163	172	50
165°	125	132	128	128	144	35
175°	138	137	131	108	73	13
180°	120	120	120	120	120	



TEST NUMBER: P895160
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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3
2.5°	1564.3	1562.8	1565.8	1568.7	1577.7	1565.8	1571.7	1555.4	1556.9	1558.3	1550.9
5°	1559.8	1555.4	1559.8	1562.8	1570.2	1561.3	1567.3	1549.4	1550.9	1553.9	1545.0
7.5°	1549.4	1545.0	1547.9	1550.9	1558.3	1549.4	1556.9	1539.0	1542.0	1543.5	1536.1
10°	1534.6	1528.6	1531.6	1536.1	1542.0	1534.6	1540.5	1524.2	1525.7	1528.6	1521.2
12.5°	1515.3	1509.3	1512.3	1515.3	1522.7	1515.3	1521.2	1504.9	1507.8	1510.8	1503.4
15°	1490.0	1484.1	1487.0	1490.0	1496.0	1491.5	1497.4	1481.1	1484.1	1490.0	1482.6
17.5°	1463.3	1454.4	1457.3	1461.8	1467.7	1464.8	1469.2	1455.8	1457.3	1463.3	1455.8
20°	1430.6	1421.7	1424.6	1429.1	1435.0	1433.6	1436.5	1424.6	1427.6	1435.0	1427.6
22.5°	1394.9	1386.0	1389.0	1394.9	1399.4	1399.4	1400.9	1392.0	1394.9	1402.4	1396.4
25°	1356.3	1347.4	1350.4	1356.3	1360.8	1360.8	1363.7	1354.8	1359.3	1366.7	1360.8
27.5°	1311.7	1307.3	1307.3	1313.2	1316.2	1319.2	1320.7	1313.2	1319.2	1326.6	1322.1
30°	1265.7	1259.7	1262.7	1270.1	1270.1	1276.1	1276.1	1270.1	1277.6	1286.5	1283.5
32.5°	1216.7	1212.2	1213.7	1222.6	1222.6	1230.0	1228.6	1225.6	1233.0	1243.4	1240.4
35°	1167.6	1163.2	1164.7	1173.6	1173.6	1182.5	1179.5	1179.5	1187.0	1198.8	1195.9
37.5°	1115.6	1112.7	1114.2	1123.1	1123.1	1132.0	1129.0	1130.5	1139.4	1152.8	1151.3
40°	1062.2	1059.2	1062.2	1069.6	1072.6	1080.0	1077.0	1080.0	1091.9	1103.8	1108.2
42.5°	1007.2	1005.7	1008.7	1016.1	1019.1	1026.5	1025.0	1029.5	1041.4	1059.2	1065.1
45°	950.8	950.8	953.7	961.2	964.1	973.0	971.6	977.5	992.3	1011.7	1022.1
47.5°	894.3	895.8	897.3	906.2	906.2	921.0	916.6	925.5	944.8	967.1	979.0
50°	836.4	839.3	840.8	848.2	851.2	864.6	861.6	876.5	897.3	921.0	937.4
52.5°	778.4	781.4	784.4	790.3	793.3	809.6	806.7	826.0	851.2	876.5	894.3
55°	717.5	723.5	724.9	732.4	736.8	753.2	753.2	775.5	802.2	830.4	852.7
57.5°	658.1	664.0	665.5	674.4	680.4	699.7	702.7	727.9	757.6	785.9	812.6
60°	597.2	604.6	606.1	615.0	625.4	646.2	650.7	678.9	711.6	741.3	772.5
62.5°	536.3	543.7	546.7	555.6	571.9	592.7	600.2	632.8	667.0	699.7	733.9
65°	475.4	482.8	487.3	499.1	518.5	540.7	551.1	585.3	623.9	658.1	693.8
67.5°	414.5	423.4	429.3	444.2	469.4	493.2	503.6	542.2	582.3	619.5	656.6
70°	355.0	364.0	371.4	390.7	420.4	444.2	457.5	499.1	540.7	580.9	622.4
72.5°	297.1	306.0	316.4	340.2	372.9	399.6	414.5	457.5	503.6	543.7	586.8
75°	237.7	248.1	260.0	292.7	329.8	356.5	372.9	418.9	466.5	506.6	552.6
77.5°	184.2	194.6	212.4	245.1	286.7	316.4	334.2	383.3	432.3	472.4	519.9
80°	135.2	145.6	169.4	205.0	248.1	276.3	298.6	349.1	399.6	441.2	488.7
82.5°	92.1	102.5	130.7	169.4	215.4	243.6	264.4	317.9	368.4	411.5	459.0
85°	53.5	68.3	98.0	139.6	187.2	215.4	236.2	291.2	340.2	383.3	432.3
87.5°	23.8	41.6	74.3	115.9	163.4	190.2	212.4	262.9	314.9	358.0	407.0
90°	1.5	23.8	57.9	98.0	144.1	169.4	190.2	240.7	289.7	334.2	381.8
92.5°	3.0	16.3	47.5	84.7	127.8	153.0	173.8	221.3	267.4	313.5	359.5
95°	7.4	16.3	41.6	75.8	115.9	139.6	159.0	205.0	248.1	292.7	337.2
97.5°	11.9	17.8	40.1	71.3	107.0	129.2	147.1	190.2	233.2	273.3	317.9
100°	16.3	22.3	40.1	68.3	101.0	121.8	138.2	178.3	218.4	255.5	300.1
102.5°	20.8	26.7	43.1	68.3	98.0	115.9	132.2	169.4	206.5	240.7	282.3
105°	26.7	31.2	46.1	68.3	95.1	112.9	126.3	160.4	196.1	228.8	265.9
107.5°	32.7	35.7	49.0	69.8	95.1	109.9	123.3	154.5	187.2	216.9	252.5
110°	40.1	41.6	53.5	72.8	95.1	108.4	120.3	150.0	179.8	208.0	240.7



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	46.1	46.1	57.9	75.8	95.1	108.4	118.8	145.6	173.8	199.1	230.3
115°	53.5	53.5	62.4	78.7	96.6	108.4	118.8	144.1	169.4	191.6	221.3
117.5°	59.4	59.4	68.3	81.7	99.5	109.9	118.8	141.1	164.9	185.7	212.4
120°	65.4	65.4	71.3	84.7	101.0	111.4	118.8	139.6	160.4	181.2	205.0
122.5°	71.3	71.3	75.8	89.1	102.5	111.4	118.8	138.2	157.5	175.3	197.6
125°	77.2	77.2	80.2	92.1	105.5	112.9	120.3	138.2	156.0	170.8	193.1
127.5°	83.2	81.7	86.2	96.6	107.0	114.4	121.8	138.2	153.0	167.9	187.2
130°	87.6	86.2	92.1	99.5	109.9	115.9	121.8	136.7	151.5	164.9	181.2
132.5°	93.6	90.6	98.0	101.0	112.9	118.8	123.3	136.7	150.0	161.9	178.3
135°	98.0	95.1	102.5	105.5	114.4	120.3	124.8	136.7	148.6	160.4	173.8
137.5°	101.0	99.5	107.0	109.9	115.9	121.8	126.3	136.7	147.1	157.5	170.8
140°	102.5	101.0	107.0	112.9	115.9	121.8	124.8	135.2	145.6	154.5	166.4
142.5°	104.0	104.0	108.4	114.4	115.9	120.3	124.8	133.7	142.6	150.0	163.4
145°	104.0	104.0	108.4	115.9	117.4	118.8	121.8	130.7	138.2	145.6	157.5
147.5°	104.0	104.0	109.9	115.9	118.8	120.3	118.8	127.8	135.2	141.1	151.5
150°	104.0	104.0	109.9	115.9	120.3	121.8	120.3	124.8	130.7	136.7	145.6
152.5°	105.5	105.5	109.9	115.9	120.3	121.8	121.8	121.8	126.3	132.2	141.1
155°	105.5	107.0	109.9	118.8	121.8	123.3	123.3	123.3	121.8	127.8	135.2
157.5°	109.9	111.4	112.9	120.3	123.3	124.8	124.8	124.8	123.3	121.8	129.2
160°	114.4	115.9	117.4	123.3	126.3	127.8	127.8	127.8	124.8	123.3	123.3
162.5°	118.8	121.8	121.8	124.8	127.8	129.2	129.2	130.7	127.8	126.3	124.8
165°	124.8	126.3	126.3	127.8	130.7	132.2	130.7	132.2	130.7	129.2	127.8
167.5°	129.2	130.7	130.7	132.2	132.2	133.7	133.7	133.7	132.2	130.7	130.7
170°	133.7	135.2	135.2	135.2	135.2	135.2	135.2	135.2	133.7	130.7	130.7
172.5°	136.7	138.2	138.2	136.7	136.7	136.7	136.7	135.2	132.2	130.7	130.7
175°	138.2	139.6	139.6	138.2	136.7	136.7	136.7	135.2	132.2	130.7	130.7
177.5°	139.6	141.1	139.6	139.6	136.7	136.7	136.7	136.7	133.7	132.2	130.7
180°	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3	1561.3
2.5°	1559.8	1542.0	1553.9	1555.4	1561.3	1555.4	1559.8	1555.4	1567.3	1562.8
5°	1553.9	1537.5	1547.9	1549.4	1556.9	1549.4	1556.9	1553.9	1568.7	1564.3
7.5°	1543.5	1530.1	1539.0	1540.5	1549.4	1542.0	1549.4	1546.5	1564.3	1558.3
10°	1528.6	1518.2	1527.1	1528.6	1537.5	1530.1	1536.1	1533.1	1552.4	1543.5
12.5°	1512.3	1503.4	1510.8	1512.3	1522.7	1515.3	1522.7	1519.7	1539.0	1530.1
15°	1488.5	1484.1	1491.5	1494.5	1504.9	1498.9	1506.3	1503.4	1524.2	1512.3
17.5°	1464.8	1461.8	1469.2	1472.2	1484.1	1476.6	1484.1	1481.1	1501.9	1490.0
20°	1435.0	1433.6	1441.0	1445.4	1455.8	1448.4	1457.3	1454.4	1476.6	1464.8
22.5°	1403.8	1403.8	1409.8	1414.2	1424.6	1418.7	1427.6	1426.1	1448.4	1436.5
25°	1369.7	1371.2	1377.1	1383.0	1394.9	1390.5	1397.9	1397.9	1418.7	1403.8
27.5°	1331.1	1338.5	1342.9	1350.4	1360.8	1356.3	1363.7	1365.2	1386.0	1371.2
30°	1290.9	1301.3	1305.8	1314.7	1323.6	1323.6	1331.1	1334.0	1354.8	1340.0
32.5°	1249.3	1261.2	1267.2	1279.1	1290.9	1290.9	1301.3	1305.8	1326.6	1313.2
35°	1207.8	1224.1	1231.5	1246.4	1258.3	1259.7	1270.1	1276.1	1296.9	1283.5
37.5°	1167.6	1188.4	1195.9	1213.7	1224.1	1227.1	1238.9	1246.4	1265.7	1253.8
40°	1126.0	1151.3	1160.2	1179.5	1188.4	1194.4	1206.3	1215.2	1233.0	1222.6
42.5°	1085.9	1114.2	1123.1	1143.9	1154.3	1160.2	1172.1	1184.0	1201.8	1191.4
45°	1045.8	1077.0	1087.4	1109.7	1118.6	1127.5	1140.9	1151.3	1167.6	1158.7
47.5°	1007.2	1039.9	1050.3	1074.1	1084.5	1094.9	1106.7	1121.6	1136.4	1127.5
50°	967.1	1001.3	1014.6	1039.9	1048.8	1060.7	1075.5	1088.9	1103.8	1096.3
52.5°	928.5	964.1	977.5	1004.2	1014.6	1026.5	1041.4	1056.2	1069.6	1063.7
55°	886.9	925.5	940.4	968.6	979.0	990.9	1007.2	1023.5	1035.4	1031.0
57.5°	848.2	888.4	903.2	934.4	943.3	958.2	974.5	992.3	1002.7	998.3
60°	809.6	849.7	867.6	898.8	909.2	924.0	940.4	959.7	968.6	965.6
62.5°	771.0	812.6	831.9	864.6	873.5	889.8	909.2	925.5	934.4	932.9
65°	735.3	775.5	797.7	830.4	839.3	857.2	875.0	892.8	901.7	901.7
67.5°	698.2	741.3	763.6	797.7	805.2	824.5	843.8	861.6	869.0	869.0
70°	664.0	705.6	730.9	765.1	772.5	790.3	811.1	830.4	836.4	837.9
72.5°	629.9	671.5	698.2	733.9	741.3	759.1	778.4	799.2	803.7	805.2
75°	597.2	638.8	665.5	701.2	708.6	726.4	747.2	766.5	772.5	774.0
77.5°	564.5	606.1	635.8	670.0	677.4	695.2	716.0	735.3	739.8	742.8
80°	534.8	574.9	603.1	640.3	647.7	665.5	684.8	704.2	707.1	711.6
82.5°	505.1	545.2	574.9	610.6	618.0	635.8	655.1	674.4	677.4	683.4
85°	476.9	517.0	546.7	580.9	589.8	606.1	626.9	644.7	647.7	652.2
87.5°	451.6	488.7	519.9	552.6	561.5	577.9	598.7	616.5	618.0	623.9
90°	424.9	462.0	493.2	525.9	534.8	549.7	570.5	588.3	591.2	595.7
92.5°	402.6	436.8	469.4	500.6	508.1	524.4	543.7	561.5	564.5	569.0
95°	378.8	413.0	445.7	475.4	482.8	499.1	517.0	534.8	537.8	542.2
97.5°	358.0	390.7	421.9	451.6	459.0	473.9	493.2	509.5	512.5	518.5
100°	338.7	369.9	402.6	429.3	436.8	451.6	469.4	485.8	488.7	494.7
102.5°	320.9	350.6	381.8	407.0	416.0	429.3	447.2	462.0	465.0	469.4
105°	304.5	332.8	362.5	386.2	395.2	408.5	424.9	439.7	442.7	447.2
107.5°	288.2	314.9	343.2	366.9	374.4	386.2	402.6	417.4	420.4	426.4
110°	273.3	300.1	326.8	349.1	358.0	366.9	383.3	396.6	399.6	404.1



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	260.0	283.7	310.5	331.3	338.7	349.1	362.5	375.8	378.8	384.8
115°	248.1	270.4	297.1	316.4	322.4	331.3	346.1	358.0	361.0	365.4
117.5°	237.7	257.0	280.8	300.1	307.5	314.9	328.3	338.7	343.2	346.1
120°	228.8	246.6	267.4	285.2	294.1	300.1	312.0	322.4	326.8	329.8
122.5°	219.9	236.2	255.5	271.9	279.3	283.7	297.1	306.0	310.5	314.9
125°	212.4	227.3	245.1	258.5	265.9	270.4	282.3	291.2	295.6	298.6
127.5°	205.0	218.4	236.2	246.6	254.0	257.0	267.4	276.3	280.8	282.3
130°	197.6	210.9	225.8	236.2	242.1	246.6	255.5	261.5	265.9	267.4
132.5°	191.6	203.5	216.9	227.3	233.2	234.7	243.6	249.6	254.0	255.5
135°	187.2	196.1	209.5	218.4	222.8	225.8	233.2	237.7	242.1	243.6
137.5°	181.2	190.2	202.0	208.0	213.9	215.4	222.8	227.3	231.7	233.2
140°	176.8	184.2	194.6	200.5	206.5	206.5	212.4	216.9	221.3	221.3
142.5°	172.3	179.8	188.7	194.6	199.1	199.1	205.0	208.0	212.4	212.4
145°	166.4	173.8	182.7	187.2	191.6	191.6	196.1	199.1	203.5	203.5
147.5°	160.4	167.9	176.8	179.8	184.2	184.2	188.7	191.6	194.6	194.6
150°	153.0	159.0	169.4	173.8	178.3	178.3	181.2	184.2	187.2	187.2
152.5°	147.1	151.5	160.4	166.4	170.8	170.8	173.8	176.8	179.8	179.8
155°	139.6	144.1	151.5	159.0	163.4	164.9	167.9	169.4	172.3	172.3
157.5°	133.7	138.2	144.1	150.0	154.5	157.5	161.9	163.4	164.9	164.9
160°	126.3	129.2	135.2	141.1	145.6	148.6	156.0	157.5	159.0	159.0
162.5°	123.3	123.3	126.3	130.7	135.2	136.7	144.1	150.0	153.0	151.5
165°	124.8	123.3	123.3	124.8	127.8	129.2	133.7	142.6	145.6	144.1
167.5°	127.8	124.8	123.3	123.3	126.3	126.3	130.7	138.2	147.1	144.1
170°	127.8	123.3	120.3	120.3	121.8	121.8	124.8	129.2	138.2	139.6
172.5°	126.3	123.3	118.8	112.9	114.4	112.9	111.4	114.4	115.9	130.7
175°	127.8	123.3	118.8	111.4	108.4	104.0	96.6	90.6	89.1	72.8
177.5°	126.3	121.8	115.9	109.9	107.0	101.0	92.1	81.7	75.8	66.8
180°	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3	120.3



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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	12.90	14.21	13.54	14.88	15.65	16.53	17.84	17.17	18.50	19.27
	3H	14.25	15.45	14.90	16.12	16.93	19.48	20.68	20.14	21.35	22.16
	4H	14.65	15.79	15.33	16.48	17.29	20.99	22.13	21.66	22.81	23.63
	6H	14.87	15.93	15.56	16.63	17.46	22.60	23.66	23.28	24.36	25.19
	8H	14.90	15.92	15.60	16.64	17.47	23.45	24.47	24.15	25.19	26.02
	12H	14.91	15.88	15.61	16.59	17.46	24.39	25.37	25.10	26.08	26.94
4H	2H	14.06	15.20	14.74	15.89	16.70	16.84	17.98	17.52	18.67	19.48
	3H	15.70	16.68	16.39	17.40	18.23	20.03	21.00	20.71	21.73	22.56
	4H	16.27	17.17	16.97	17.90	18.76	21.71	22.61	22.41	23.33	24.19
	6H	16.61	17.41	17.33	18.16	19.02	23.53	24.32	24.25	25.07	25.94
	8H	16.68	17.43	17.41	18.18	19.06	24.50	25.25	25.23	26.00	26.88
	12H	16.71	17.39	17.46	18.16	19.05	25.59	26.27	26.33	27.04	27.93
8H	4H	17.38	18.13	18.10	18.87	19.76	21.88	22.63	22.60	23.37	24.26
	6H	17.98	18.63	18.74	19.41	20.30	23.87	24.51	24.63	25.30	26.18
	8H	18.18	18.76	18.95	19.55	20.45	24.99	25.57	25.76	26.36	27.26
	12H	18.29	18.81	19.06	19.59	20.55	26.27	26.79	27.04	27.56	28.52
12H	4H	17.74	18.43	18.49	19.20	20.09	21.87	22.55	22.62	23.32	24.21
	6H	18.52	19.10	19.29	19.89	20.79	23.90	24.48	24.67	25.27	26.17
	8H	18.85	19.37	19.62	20.14	21.10	25.08	25.60	25.85	26.38	27.33