

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: P894326

Luminaire Tested: 4MB-SC3-RNDU-UNV-CC93-HI-5000K

Issue Date: 11/11/2024

**Test Information**

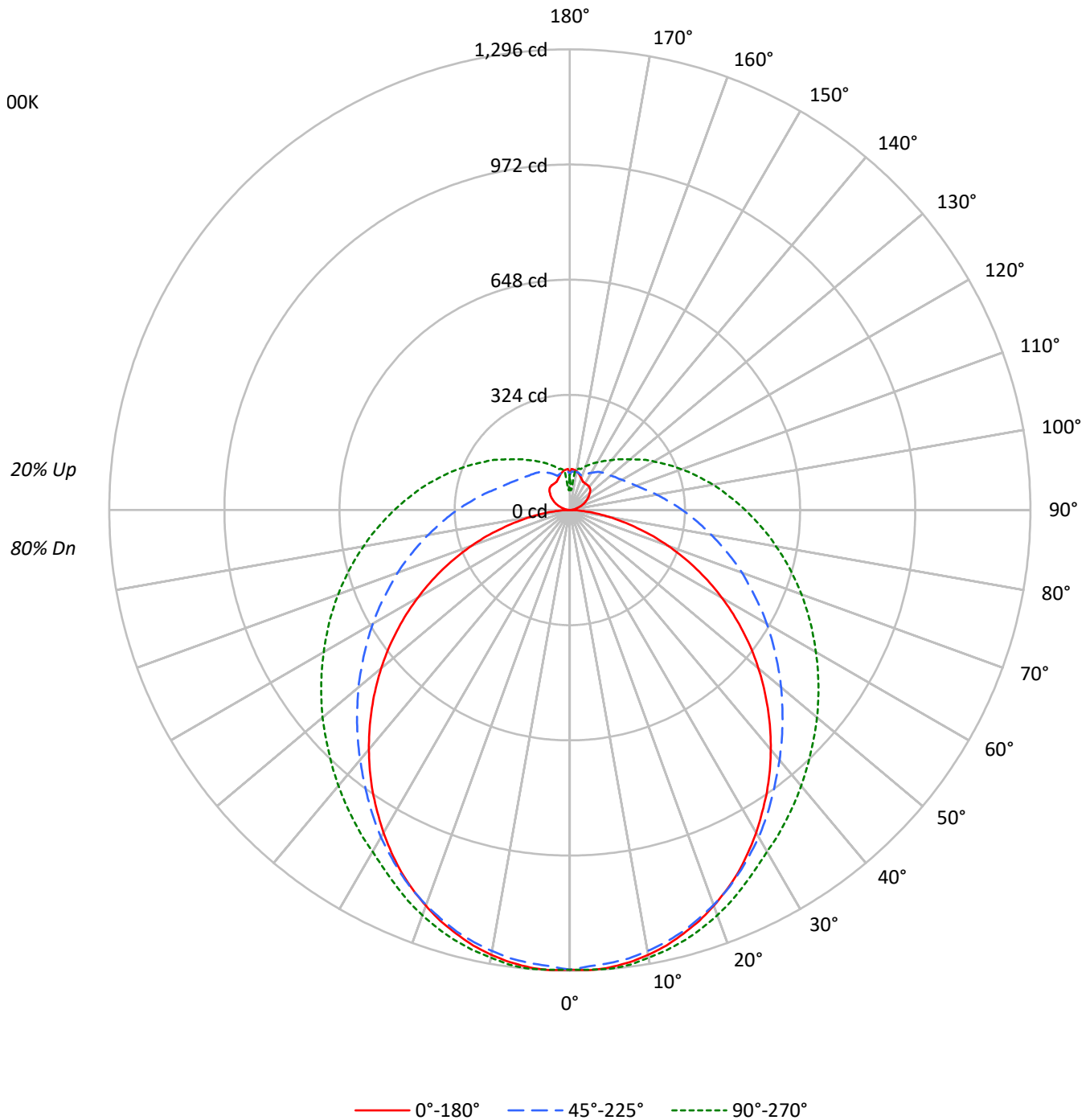
Test Method: LM-79-2019  
Report Number: P894326  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2403-327-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 4MB-SC3-RNDU-UNV-CC93-HI-5000K  
Description: Selectable 4FT MICROBAY LINEAR BAY with ROUND FROSTED LENS WITH UPLIGHT, 90CRI, 50  
CCT, HI lumen setting  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5439.0 lumens  
Efficiency: N/A  
Efficacy: 107.3 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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CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC93-HI-5000K

### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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°	9200	9200	9200
5°	9185	8812	8830
10°	9099	8469	8422
15°	8965	8121	8045
20°	8804	7755	7659
25°	8608	7386	7270
30°	8360	7014	6927
35°	8103	6632	6673
40°	7827	6286	6443
45°	7529	5979	6238
50°	7217	5707	6080
55°	6859	5454	5942
60°	6453	5247	5839
65°	5959	5064	5780
70°	5349	4950	5761
75°	4528	4869	5787
80°	3538	4868	5879
85°	2262	4994	6071

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7529 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	122.3	2.2
10°-20°	348.9	6.4
20°-30°	523.8	9.6
30°-40°	629.8	11.6
40°-50°	667.3	12.3
50°-60°	642.6	11.8
60°-70°	568.8	10.5
70°-80°	466.5	8.6
80°-90°	362.0	6.7
90°-100°	280.9	5.2
100°-110°	222.6	4.1
110°-120°	177.3	3.3
120°-130°	140.9	2.6
130°-140°	110.0	2.0
140°-150°	81.0	1.5
150°-160°	53.5	1.0
160°-170°	30.8	0.6
170°-180°	9.9	0.2
0°-30°	995.0	18.3
0°-40°	1624.8	29.9
0°-60°	2934.8	54.0
0°-90°	4332.0	79.6
90°-120°	680.9	12.5
90°-150°	1012.7	18.6
90°-180°	1107.0	20.4
0°-180°	5439.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1293	1293	1293	1293	1293	
5°	1292	1293	1280	1289	1296	123
15°	1234	1235	1228	1246	1252	348
25°	1123	1127	1127	1155	1163	517
35°	967	979	990	1042	1063	605
45°	787	806	846	926	960	608
55°	594	624	706	811	854	532
65°	394	448	575	695	747	390
75°	197	295	458	587	641	211
85°	44	178	358	488	540	51
90°	1	140	316	443	493	3
95°	6	116	279	400	449	7
105°	22	94	220	327	370	24
115°	44	90	183	267	303	43
125°	64	94	160	220	247	57
135°	81	100	144	185	202	62
145°	86	98	130	159	169	54
155°	87	102	112	135	143	41
165°	103	110	106	106	119	29
175°	114	113	108	90	60	11
180°	100	100	100	100	100	



TEST NUMBER: P894326  
 CATALOG NUMBER: 4MB-SC3-RNDU-UNV-CC93-HI-5000K

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1
2.5°	1295.6	1294.4	1296.8	1299.3	1306.7	1296.8	1301.7	1288.2	1289.4	1290.7	1284.5
5°	1291.9	1288.2	1291.9	1294.4	1300.5	1293.1	1298.1	1283.3	1284.5	1287.0	1279.6
7.5°	1283.3	1279.6	1282.1	1284.5	1290.7	1283.3	1289.4	1274.7	1277.1	1278.4	1272.2
10°	1271.0	1266.1	1268.5	1272.2	1277.1	1271.0	1275.9	1262.4	1263.6	1266.1	1259.9
12.5°	1255.0	1250.1	1252.5	1255.0	1261.1	1255.0	1259.9	1246.4	1248.8	1251.3	1245.1
15°	1234.1	1229.2	1231.6	1234.1	1239.0	1235.3	1240.2	1226.7	1229.2	1234.1	1227.9
17.5°	1211.9	1204.5	1207.0	1210.7	1215.6	1213.2	1216.8	1205.8	1207.0	1211.9	1205.8
20°	1184.9	1177.5	1179.9	1183.6	1188.5	1187.3	1189.8	1179.9	1182.4	1188.5	1182.4
22.5°	1155.3	1147.9	1150.4	1155.3	1159.0	1159.0	1160.2	1152.9	1155.3	1161.5	1156.6
25°	1123.3	1116.0	1118.4	1123.3	1127.0	1127.0	1129.5	1122.1	1125.8	1132.0	1127.0
27.5°	1086.4	1082.7	1082.7	1087.7	1090.1	1092.6	1093.8	1087.7	1092.6	1098.7	1095.0
30°	1048.3	1043.4	1045.8	1052.0	1052.0	1056.9	1056.9	1052.0	1058.1	1065.5	1063.0
32.5°	1007.7	1004.0	1005.2	1012.6	1012.6	1018.8	1017.5	1015.1	1021.2	1029.8	1027.4
35°	967.1	963.4	964.6	972.0	972.0	979.4	976.9	976.9	983.1	992.9	990.5
37.5°	924.0	921.6	922.8	930.2	930.2	937.6	935.1	936.3	943.7	954.8	953.5
40°	879.7	877.3	879.7	885.9	888.3	894.5	892.0	894.5	904.3	914.2	917.9
42.5°	834.2	833.0	835.4	841.6	844.0	850.2	849.0	852.7	862.5	877.3	882.2
45°	787.4	787.4	789.9	796.1	798.5	805.9	804.7	809.6	821.9	837.9	846.5
47.5°	740.7	741.9	743.2	750.5	750.5	762.8	759.1	766.5	782.5	801.0	810.8
50°	692.7	695.2	696.4	702.5	705.0	716.1	713.6	725.9	743.2	762.8	776.4
52.5°	644.7	647.2	649.6	654.6	657.0	670.6	668.1	684.1	705.0	725.9	740.7
55°	594.3	599.2	600.4	606.6	610.3	623.8	623.8	642.3	664.4	687.8	706.2
57.5°	545.1	550.0	551.2	558.6	563.5	579.5	582.0	602.9	627.5	650.9	673.0
60°	494.6	500.8	502.0	509.4	518.0	535.2	538.9	562.3	589.4	614.0	639.8
62.5°	444.2	450.3	452.8	460.2	473.7	490.9	497.1	524.1	552.4	579.5	607.8
65°	393.7	399.9	403.6	413.4	429.4	447.9	456.5	484.8	516.8	545.1	574.6
67.5°	343.3	350.7	355.6	367.9	388.8	408.5	417.1	449.1	482.3	513.1	543.8
70°	294.1	301.4	307.6	323.6	348.2	367.9	379.0	413.4	447.9	481.1	515.5
72.5°	246.1	253.5	262.1	281.8	308.8	331.0	343.3	379.0	417.1	450.3	486.0
75°	196.9	205.5	215.3	242.4	273.1	295.3	308.8	347.0	386.3	419.6	457.7
77.5°	152.6	161.2	175.9	203.0	237.5	262.1	276.8	317.4	358.0	391.3	430.6
80°	112.0	120.6	140.3	169.8	205.5	228.9	247.3	289.1	331.0	365.4	404.8
82.5°	76.3	84.9	108.3	140.3	178.4	201.8	219.0	263.3	305.1	340.8	380.2
85°	44.3	56.6	81.2	115.7	155.0	178.4	195.6	241.2	281.8	317.4	358.0
87.5°	19.7	34.5	61.5	96.0	135.3	157.5	175.9	217.8	260.8	296.5	337.1
90°	1.2	19.7	48.0	81.2	119.3	140.3	157.5	199.3	239.9	276.8	316.2
92.5°	2.5	13.5	39.4	70.1	105.8	126.7	144.0	183.3	221.5	259.6	297.8
95°	6.2	13.5	34.5	62.7	96.0	115.7	131.7	169.8	205.5	242.4	279.3
97.5°	9.8	14.8	33.2	59.1	88.6	107.0	121.8	157.5	193.2	226.4	263.3
100°	13.5	18.5	33.2	56.6	83.7	100.9	114.4	147.6	180.9	211.6	248.5
102.5°	17.2	22.1	35.7	56.6	81.2	96.0	109.5	140.3	171.0	199.3	233.8
105°	22.1	25.8	38.1	56.6	78.7	93.5	104.6	132.9	162.4	189.5	220.2
107.5°	27.1	29.5	40.6	57.8	78.7	91.0	102.1	128.0	155.0	179.6	209.2
110°	33.2	34.5	44.3	60.3	78.7	89.8	99.7	124.3	148.9	172.3	199.3



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	38.1	38.1	48.0	62.7	78.7	89.8	98.4	120.6	144.0	164.9	190.7
115°	44.3	44.3	51.7	65.2	80.0	89.8	98.4	119.3	140.3	158.7	183.3
117.5°	49.2	49.2	56.6	67.7	82.4	91.0	98.4	116.9	136.6	153.8	175.9
120°	54.1	54.1	59.1	70.1	83.7	92.3	98.4	115.7	132.9	150.1	169.8
122.5°	59.1	59.1	62.7	73.8	84.9	92.3	98.4	114.4	130.4	145.2	163.6
125°	64.0	64.0	66.4	76.3	87.4	93.5	99.7	114.4	129.2	141.5	159.9
127.5°	68.9	67.7	71.4	80.0	88.6	94.7	100.9	114.4	126.7	139.0	155.0
130°	72.6	71.4	76.3	82.4	91.0	96.0	100.9	113.2	125.5	136.6	150.1
132.5°	77.5	75.1	81.2	83.7	93.5	98.4	102.1	113.2	124.3	134.1	147.6
135°	81.2	78.7	84.9	87.4	94.7	99.7	103.4	113.2	123.0	132.9	144.0
137.5°	83.7	82.4	88.6	91.0	96.0	100.9	104.6	113.2	121.8	130.4	141.5
140°	84.9	83.7	88.6	93.5	96.0	100.9	103.4	112.0	120.6	128.0	137.8
142.5°	86.1	86.1	89.8	94.7	96.0	99.7	103.4	110.7	118.1	124.3	135.3
145°	86.1	86.1	89.8	96.0	97.2	98.4	100.9	108.3	114.4	120.6	130.4
147.5°	86.1	86.1	91.0	96.0	98.4	99.7	98.4	105.8	112.0	116.9	125.5
150°	86.1	86.1	91.0	96.0	99.7	100.9	99.7	103.4	108.3	113.2	120.6
152.5°	87.4	87.4	91.0	96.0	99.7	100.9	100.9	100.9	104.6	109.5	116.9
155°	87.4	88.6	91.0	98.4	100.9	102.1	102.1	102.1	100.9	105.8	112.0
157.5°	91.0	92.3	93.5	99.7	102.1	103.4	103.4	103.4	102.1	100.9	107.0
160°	94.7	96.0	97.2	102.1	104.6	105.8	105.8	105.8	103.4	102.1	102.1
162.5°	98.4	100.9	100.9	103.4	105.8	107.0	107.0	108.3	105.8	104.6	103.4
165°	103.4	104.6	104.6	105.8	108.3	109.5	108.3	109.5	108.3	107.0	105.8
167.5°	107.0	108.3	108.3	109.5	109.5	110.7	110.7	110.7	109.5	108.3	108.3
170°	110.7	112.0	112.0	112.0	112.0	112.0	112.0	112.0	110.7	108.3	108.3
172.5°	113.2	114.4	114.4	113.2	113.2	113.2	113.2	112.0	109.5	108.3	108.3
175°	114.4	115.7	115.7	114.4	113.2	113.2	113.2	112.0	109.5	108.3	108.3
177.5°	115.7	116.9	115.7	115.7	113.2	113.2	113.2	113.2	110.7	109.5	108.3
180°	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1	1293.1
2.5°	1291.9	1277.1	1287.0	1288.2	1293.1	1288.2	1291.9	1288.2	1298.1	1294.4
5°	1287.0	1273.4	1282.1	1283.3	1289.4	1283.3	1289.4	1287.0	1299.3	1295.6
7.5°	1278.4	1267.3	1274.7	1275.9	1283.3	1277.1	1283.3	1280.8	1295.6	1290.7
10°	1266.1	1257.4	1264.8	1266.1	1273.4	1267.3	1272.2	1269.8	1285.7	1278.4
12.5°	1252.5	1245.1	1251.3	1252.5	1261.1	1255.0	1261.1	1258.7	1274.7	1267.3
15°	1232.8	1229.2	1235.3	1237.8	1246.4	1241.5	1247.6	1245.1	1262.4	1252.5
17.5°	1213.2	1210.7	1216.8	1219.3	1229.2	1223.0	1229.2	1226.7	1243.9	1234.1
20°	1188.5	1187.3	1193.5	1197.2	1205.8	1199.6	1207.0	1204.5	1223.0	1213.2
22.5°	1162.7	1162.7	1167.6	1171.3	1179.9	1175.0	1182.4	1181.2	1199.6	1189.8
25°	1134.4	1135.6	1140.6	1145.5	1155.3	1151.6	1157.8	1157.8	1175.0	1162.7
27.5°	1102.4	1108.6	1112.3	1118.4	1127.0	1123.3	1129.5	1130.7	1147.9	1135.6
30°	1069.2	1077.8	1081.5	1088.9	1096.3	1096.3	1102.4	1104.9	1122.1	1109.8
32.5°	1034.8	1044.6	1049.5	1059.4	1069.2	1069.2	1077.8	1081.5	1098.7	1087.7
35°	1000.3	1013.8	1020.0	1032.3	1042.1	1043.4	1052.0	1056.9	1074.1	1063.0
37.5°	967.1	984.3	990.5	1005.2	1013.8	1016.3	1026.1	1032.3	1048.3	1038.4
40°	932.6	953.5	960.9	976.9	984.3	989.2	999.1	1006.5	1021.2	1012.6
42.5°	899.4	922.8	930.2	947.4	956.0	960.9	970.8	980.6	995.4	986.8
45°	866.2	892.0	900.6	919.1	926.5	933.9	944.9	953.5	967.1	959.7
47.5°	834.2	861.3	869.9	889.6	898.2	906.8	916.6	928.9	941.2	933.9
50°	801.0	829.3	840.4	861.3	868.6	878.5	890.8	901.9	914.2	908.0
52.5°	769.0	798.5	809.6	831.7	840.4	850.2	862.5	874.8	885.9	881.0
55°	734.5	766.5	778.8	802.2	810.8	820.7	834.2	847.7	857.6	853.9
57.5°	702.5	735.8	748.1	773.9	781.3	793.6	807.1	821.9	830.5	826.8
60°	670.6	703.8	718.5	744.4	753.0	765.3	778.8	794.8	802.2	799.7
62.5°	638.6	673.0	689.0	716.1	723.5	737.0	753.0	766.5	773.9	772.7
65°	609.0	642.3	660.7	687.8	695.2	709.9	724.7	739.5	746.8	746.8
67.5°	578.3	614.0	632.4	660.7	666.9	682.9	698.9	713.6	719.8	719.8
70°	550.0	584.4	605.3	633.6	639.8	654.6	671.8	687.8	692.7	693.9
72.5°	521.7	556.1	578.3	607.8	614.0	628.7	644.7	661.9	665.6	666.9
75°	494.6	529.1	551.2	580.7	586.9	601.7	618.9	634.9	639.8	641.0
77.5°	467.5	502.0	526.6	554.9	561.1	575.8	593.0	609.0	612.7	615.2
80°	442.9	476.2	499.5	530.3	536.4	551.2	567.2	583.2	585.7	589.4
82.5°	418.3	451.5	476.2	505.7	511.8	526.6	542.6	558.6	561.1	566.0
85°	395.0	428.2	452.8	481.1	488.5	502.0	519.2	534.0	536.4	540.1
87.5°	374.0	404.8	430.6	457.7	465.1	478.6	495.8	510.6	511.8	516.8
90°	351.9	382.6	408.5	435.6	442.9	455.2	472.5	487.2	489.7	493.4
92.5°	333.4	361.7	388.8	414.6	420.8	434.3	450.3	465.1	467.5	471.2
95°	313.7	342.0	369.1	393.7	399.9	413.4	428.2	442.9	445.4	449.1
97.5°	296.5	323.6	349.4	374.0	380.2	392.5	408.5	422.0	424.5	429.4
100°	280.5	306.4	333.4	355.6	361.7	374.0	388.8	402.3	404.8	409.7
102.5°	265.8	290.4	316.2	337.1	344.5	355.6	370.3	382.6	385.1	388.8
105°	252.2	275.6	300.2	319.9	327.3	338.4	351.9	364.2	366.7	370.3
107.5°	238.7	260.8	284.2	303.9	310.1	319.9	333.4	345.7	348.2	353.1
110°	226.4	248.5	270.7	289.1	296.5	303.9	317.4	328.5	331.0	334.7





TEST NUMBER: P894326  
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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	215.3	235.0	257.1	274.4	280.5	289.1	300.2	311.3	313.7	318.7
115°	205.5	223.9	246.1	262.1	267.0	274.4	286.7	296.5	299.0	302.7
117.5°	196.9	212.9	232.5	248.5	254.7	260.8	271.9	280.5	284.2	286.7
120°	189.5	204.2	221.5	236.2	243.6	248.5	258.4	267.0	270.7	273.1
122.5°	182.1	195.6	211.6	225.2	231.3	235.0	246.1	253.5	257.1	260.8
125°	175.9	188.2	203.0	214.1	220.2	223.9	233.8	241.2	244.8	247.3
127.5°	169.8	180.9	195.6	204.2	210.4	212.9	221.5	228.9	232.5	233.8
130°	163.6	174.7	187.0	195.6	200.6	204.2	211.6	216.5	220.2	221.5
132.5°	158.7	168.6	179.6	188.2	193.2	194.4	201.8	206.7	210.4	211.6
135°	155.0	162.4	173.5	180.9	184.6	187.0	193.2	196.9	200.6	201.8
137.5°	150.1	157.5	167.3	172.3	177.2	178.4	184.6	188.2	191.9	193.2
140°	146.4	152.6	161.2	166.1	171.0	171.0	175.9	179.6	183.3	183.3
142.5°	142.7	148.9	156.3	161.2	164.9	164.9	169.8	172.3	175.9	175.9
145°	137.8	144.0	151.3	155.0	158.7	158.7	162.4	164.9	168.6	168.6
147.5°	132.9	139.0	146.4	148.9	152.6	152.6	156.3	158.7	161.2	161.2
150°	126.7	131.7	140.3	144.0	147.6	147.6	150.1	152.6	155.0	155.0
152.5°	121.8	125.5	132.9	137.8	141.5	141.5	144.0	146.4	148.9	148.9
155°	115.7	119.3	125.5	131.7	135.3	136.6	139.0	140.3	142.7	142.7
157.5°	110.7	114.4	119.3	124.3	128.0	130.4	134.1	135.3	136.6	136.6
160°	104.6	107.0	112.0	116.9	120.6	123.0	129.2	130.4	131.7	131.7
162.5°	102.1	102.1	104.6	108.3	112.0	113.2	119.3	124.3	126.7	125.5
165°	103.4	102.1	102.1	103.4	105.8	107.0	110.7	118.1	120.6	119.3
167.5°	105.8	103.4	102.1	102.1	104.6	104.6	108.3	114.4	121.8	119.3
170°	105.8	102.1	99.7	99.7	100.9	100.9	103.4	107.0	114.4	115.7
172.5°	104.6	102.1	98.4	93.5	94.7	93.5	92.3	94.7	96.0	108.3
175°	105.8	102.1	98.4	92.3	89.8	86.1	80.0	75.1	73.8	60.3
177.5°	104.6	100.9	96.0	91.0	88.6	83.7	76.3	67.7	62.7	55.4
180°	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7



TEST NUMBER: P894326  
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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	14.64	15.95	15.28	16.62	17.39	18.19	19.50	18.83	20.16	20.93
	3H	15.99	17.19	16.64	17.86	18.67	21.10	22.30	21.76	22.98	23.78
	4H	16.39	17.53	17.07	18.22	19.03	22.58	23.72	23.25	24.41	25.22
	6H	16.61	17.67	17.30	18.37	19.20	24.14	25.20	24.82	25.90	26.73
	8H	16.64	17.66	17.34	18.38	19.21	24.95	25.96	25.64	26.68	27.52
	12H	16.65	17.62	17.35	18.34	19.20	25.83	26.80	26.53	27.51	28.38
4H	2H	15.78	16.92	16.46	17.61	18.42	18.51	19.65	19.18	20.33	21.15
	3H	17.43	18.40	18.11	19.12	19.96	21.66	22.63	22.34	23.36	24.19
	4H	17.99	18.90	18.70	19.62	20.48	23.31	24.21	24.01	24.93	25.79
	6H	18.34	19.13	19.06	19.88	20.75	25.08	25.87	25.80	26.62	27.49
	8H	18.41	19.16	19.14	19.91	20.79	26.01	26.76	26.74	27.51	28.39
	12H	18.44	19.12	19.18	19.89	20.78	27.03	27.72	27.78	28.49	29.38
8H	4H	19.08	19.83	19.81	20.58	21.46	23.48	24.23	24.21	24.98	25.86
	6H	19.69	20.33	20.44	21.12	22.00	25.43	26.07	26.19	26.86	27.74
	8H	19.89	20.47	20.65	21.25	22.15	26.51	27.09	27.28	27.88	28.78
	12H	20.00	20.52	20.77	21.30	22.25	27.73	28.25	28.50	29.03	29.98
12H	4H	19.43	20.12	20.18	20.89	21.78	23.48	24.16	24.22	24.93	25.82
	6H	20.21	20.79	20.98	21.58	22.48	25.46	26.04	26.23	26.83	27.73
	8H	20.54	21.06	21.31	21.84	22.79	26.61	27.13	27.38	27.91	28.86