

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: P894218

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

Issue Date: 11/11/2024

Test Information

Test Method: LM-79-2019
Report Number: P894218
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-CC93-HI-5000K
Description: Selectable 4FT MICROBAY LINEAR BAY with FLAT FROSTED LENS WITH UPLIGHT, 90CRI, 5000K CCT, HI lumen setting
Light Source: -
Ballast/Driver: -

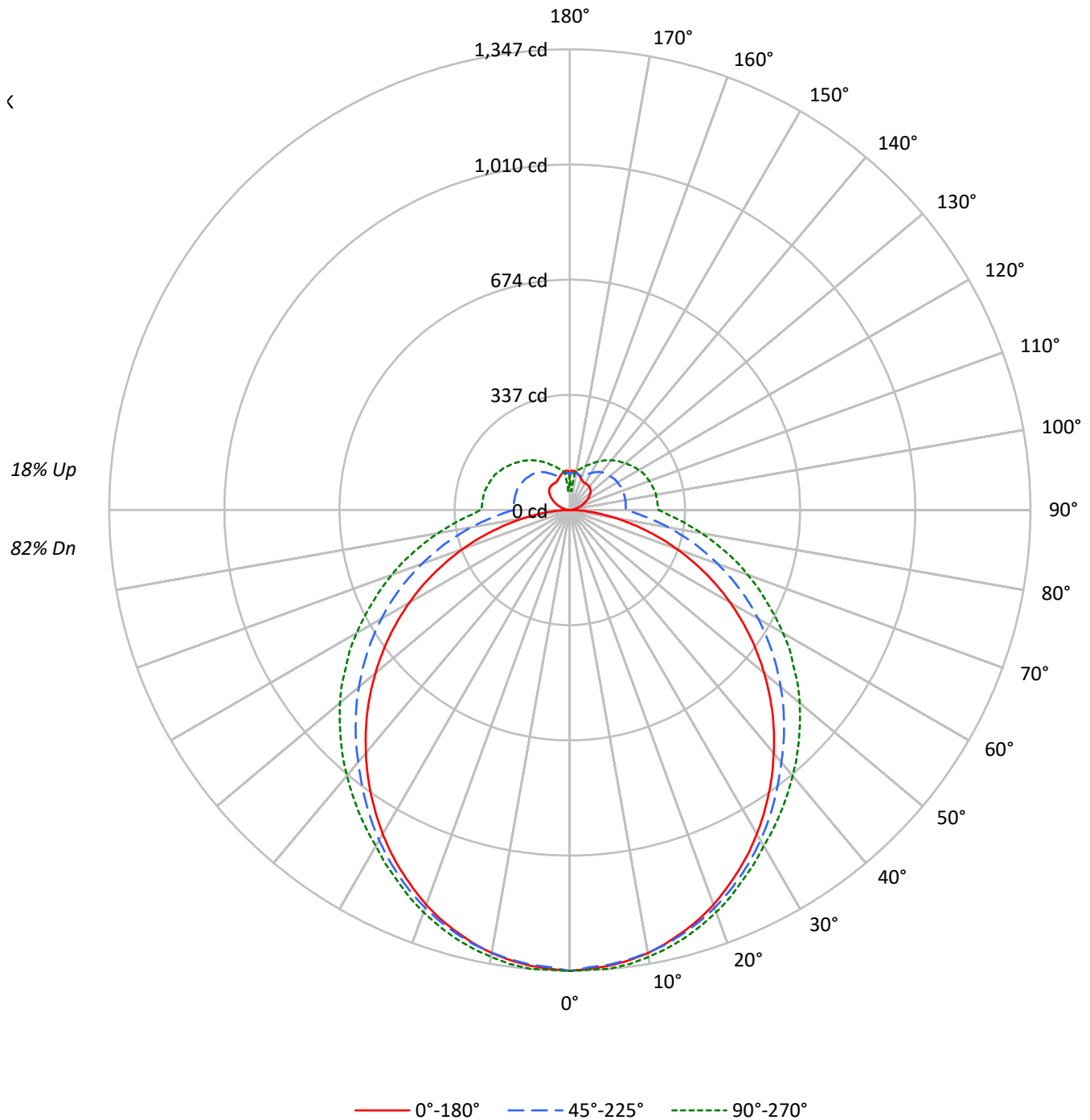
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5094.0 lumens
Efficiency: N/A
Efficacy: 100.5 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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CATALOG NUMBER: 4MB-SC3-FLTU-UNV-CC93-HI-5000K

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°	9587	9587	9587
5°	9510	9186	9175
10°	9417	8834	8739
15°	9278	8480	8323
20°	9125	8119	7900
25°	8930	7742	7472
30°	8724	7357	7081
35°	8496	6970	6759
40°	8255	6590	6452
45°	8013	6258	6159
50°	7731	5916	5875
55°	7428	5578	5557
60°	7064	5217	5256
65°	6631	4837	4915
70°	6065	4419	4597
75°	5292	3992	4255
80°	4278	3537	3903
85°	2952	3073	3582

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8013 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.4	2.5
10°-20°	363.4	7.1
20°-30°	546.0	10.7
30°-40°	655.6	12.9
40°-50°	689.4	13.5
50°-60°	647.8	12.7
60°-70°	538.6	10.6
70°-80°	384.4	7.5
80°-90°	228.8	4.5
90°-100°	165.6	3.3
100°-110°	163.4	3.2
110°-120°	153.5	3.0
120°-130°	136.0	2.7
130°-140°	112.7	2.2
140°-150°	84.4	1.7
150°-160°	55.5	1.1
160°-170°	31.5	0.6
170°-180°	10.0	0.2
0°-30°	1036.9	20.4
0°-40°	1692.5	33.2
0°-60°	3029.7	59.5
0°-90°	4181.4	82.1
90°-120°	482.5	9.5
90°-150°	815.6	16.0
90°-180°	913.0	17.9
0°-180°	5094.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1347	1347	1347	1347	1347	
5°	1338	1354	1334	1338	1346	127
15°	1277	1297	1282	1291	1296	360
25°	1165	1188	1181	1192	1195	537
35°	1014	1037	1041	1067	1077	634
45°	838	861	886	932	948	646
55°	644	669	722	781	799	575
65°	438	474	549	618	635	433
75°	230	282	375	448	471	244
85°	58	127	220	294	319	63
90°	0	73	164	235	260	4
95°	6	76	164	233	257	7
105°	23	85	165	230	252	25
115°	46	92	164	220	242	46
125°	69	98	159	207	223	62
135°	85	103	150	188	202	65
145°	90	101	135	167	177	56
155°	91	102	114	142	150	43
165°	105	111	107	108	126	29
175°	116	114	108	92	55	11
180°	101	101	101	101	101	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4
2.5°	1342.5	1346.2	1347.4	1359.8	1354.8	1359.8	1351.1	1341.3	1338.8	1345.0	1337.6
5°	1337.6	1341.3	1342.5	1354.8	1349.9	1353.6	1346.2	1336.4	1333.9	1341.3	1333.9
7.5°	1327.8	1331.5	1332.7	1346.2	1340.1	1345.0	1336.4	1326.5	1325.3	1332.7	1325.3
10°	1315.5	1319.1	1320.4	1332.7	1327.8	1332.7	1324.1	1314.2	1313.0	1321.6	1314.2
12.5°	1298.2	1301.9	1304.4	1316.7	1310.5	1316.7	1306.8	1297.0	1298.2	1305.6	1300.7
15°	1277.3	1282.2	1283.5	1295.8	1290.8	1297.0	1287.2	1277.3	1279.8	1287.2	1282.2
17.5°	1255.2	1260.1	1261.3	1272.4	1267.5	1274.8	1263.8	1255.2	1257.6	1265.0	1261.3
20°	1228.1	1233.0	1235.5	1246.5	1241.6	1249.0	1237.9	1230.5	1233.0	1241.6	1237.9
22.5°	1197.3	1204.7	1205.9	1218.2	1212.1	1219.5	1208.4	1202.2	1205.9	1214.6	1210.9
25°	1165.3	1172.7	1173.9	1186.2	1181.3	1187.5	1176.4	1170.3	1175.2	1183.8	1181.3
27.5°	1130.9	1138.3	1140.7	1151.8	1146.9	1154.3	1141.9	1138.3	1143.2	1151.8	1149.3
30°	1094.0	1101.3	1102.6	1113.6	1110.0	1117.3	1106.3	1101.3	1108.7	1117.3	1114.9
32.5°	1054.6	1062.0	1065.7	1075.5	1071.8	1078.0	1068.1	1065.7	1071.8	1080.4	1079.2
35°	1014.0	1021.4	1025.0	1036.1	1031.2	1037.4	1027.5	1025.0	1034.9	1041.0	1041.0
37.5°	972.1	979.5	983.2	994.3	988.1	995.5	985.7	984.4	995.5	1001.7	1001.7
40°	927.8	936.4	940.1	950.0	945.1	951.2	942.6	943.8	953.7	961.1	962.3
42.5°	883.5	892.1	895.8	906.9	900.8	906.9	899.5	900.8	911.8	919.2	925.4
45°	838.0	845.4	849.1	861.4	854.0	861.4	854.0	856.5	867.5	878.6	886.0
47.5°	790.0	797.4	803.5	813.4	807.2	813.4	808.5	812.2	825.7	836.8	846.6
50°	742.0	749.4	755.6	764.2	758.0	766.6	760.5	765.4	782.6	793.7	804.8
52.5°	692.8	699.0	708.8	713.7	708.8	718.6	713.7	721.1	738.3	751.9	764.2
55°	643.6	649.7	659.6	663.3	658.3	669.4	665.7	675.6	694.0	708.8	722.3
57.5°	593.1	599.3	607.9	611.6	607.9	620.2	619.0	630.0	648.5	664.5	679.3
60°	541.4	547.6	555.0	558.7	558.7	571.0	571.0	584.5	604.2	619.0	636.2
62.5°	491.0	494.7	502.1	507.0	510.7	523.0	523.0	537.7	558.7	575.9	593.1
65°	438.1	441.8	447.9	454.1	460.2	473.8	475.0	491.0	511.9	529.1	548.8
67.5°	385.2	388.9	395.0	402.4	411.0	424.5	427.0	444.2	466.4	486.1	504.5
70°	333.5	334.7	342.1	351.9	361.8	375.3	379.0	397.5	420.8	440.5	460.2
72.5°	281.8	283.0	290.4	302.7	313.8	328.6	333.5	353.2	376.5	396.2	415.9
75°	230.1	231.3	241.2	256.0	268.3	281.8	287.9	308.9	332.2	353.2	375.3
77.5°	180.9	183.4	193.2	208.0	222.7	238.7	244.9	265.8	291.6	311.3	332.2
80°	135.4	137.8	148.9	164.9	180.9	195.7	203.0	224.0	251.0	270.7	294.1
82.5°	93.5	97.2	110.7	128.0	144.0	160.0	167.4	187.0	211.7	233.8	256.0
85°	57.8	62.8	76.3	94.8	112.0	126.7	134.1	155.0	178.4	199.3	220.3
87.5°	27.1	34.5	48.0	66.4	84.9	97.2	105.8	126.7	148.9	169.8	190.7
90°	0.0	11.1	24.6	43.1	61.5	72.6	82.4	102.1	124.3	144.0	163.7
92.5°	2.5	12.3	27.1	44.3	62.8	73.8	83.7	103.4	124.3	144.0	163.7
95°	6.2	13.5	28.3	46.8	65.2	76.3	84.9	104.6	125.5	145.2	163.7
97.5°	11.1	17.2	32.0	49.2	67.7	77.5	87.4	107.1	126.7	146.4	164.9
100°	14.8	19.7	34.5	51.7	70.1	80.0	89.8	108.3	128.0	147.7	164.9
102.5°	18.5	24.6	38.1	54.1	72.6	82.4	91.1	109.5	129.2	147.7	164.9
105°	23.4	28.3	40.6	57.8	75.1	84.9	93.5	112.0	130.4	148.9	164.9
107.5°	28.3	32.0	44.3	60.3	77.5	86.1	94.8	113.2	131.7	148.9	164.9
110°	34.5	36.9	48.0	62.8	78.8	88.6	97.2	114.4	131.7	148.9	164.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	40.6	40.6	51.7	65.2	81.2	89.8	98.4	115.7	132.9	148.9	164.9
115°	45.5	46.8	55.4	67.7	83.7	92.3	99.7	115.7	132.9	148.9	163.7
117.5°	51.7	51.7	60.3	70.1	84.9	93.5	102.1	116.9	132.9	147.7	162.4
120°	57.8	56.6	64.0	73.8	87.4	94.8	103.4	118.1	132.9	147.7	161.2
122.5°	64.0	61.5	66.4	76.3	88.6	97.2	103.4	118.1	132.9	146.4	160.0
125°	68.9	66.4	70.1	80.0	91.1	98.4	104.6	118.1	132.9	145.2	158.7
127.5°	73.8	71.4	75.1	82.4	92.3	98.4	105.8	118.1	132.9	144.0	156.3
130°	78.8	75.1	80.0	84.9	94.8	99.7	105.8	118.1	131.7	142.7	153.8
132.5°	82.4	78.8	83.7	87.4	96.0	100.9	107.1	118.1	130.4	141.5	152.6
135°	84.9	81.2	87.4	89.8	98.4	103.4	108.3	118.1	129.2	140.3	150.1
137.5°	87.4	82.4	89.8	92.3	99.7	104.6	108.3	116.9	128.0	137.8	147.7
140°	88.6	84.9	92.3	94.8	98.4	103.4	108.3	115.7	125.5	135.4	144.0
142.5°	89.8	84.9	93.5	96.0	98.4	102.1	107.1	113.2	123.1	131.7	140.3
145°	89.8	86.1	93.5	96.0	98.4	100.9	104.6	112.0	119.4	126.7	135.4
147.5°	89.8	87.4	94.8	97.2	99.7	99.7	102.1	109.5	115.7	123.1	130.4
150°	91.1	87.4	94.8	97.2	100.9	100.9	102.1	105.8	113.2	118.1	124.3
152.5°	89.8	88.6	93.5	98.4	100.9	102.1	102.1	103.4	109.5	114.4	119.4
155°	91.1	91.1	94.8	100.9	102.1	102.1	103.4	102.1	104.6	109.5	114.4
157.5°	93.5	96.0	96.0	102.1	104.6	104.6	105.8	104.6	103.4	104.6	109.5
160°	97.2	99.7	99.7	103.4	107.1	107.1	108.3	107.1	105.8	104.6	104.6
162.5°	100.9	103.4	103.4	104.6	108.3	109.5	110.7	109.5	108.3	105.8	104.6
165°	104.6	107.1	107.1	107.1	109.5	110.7	112.0	110.7	110.7	108.3	107.1
167.5°	108.3	110.7	110.7	109.5	110.7	112.0	113.2	112.0	112.0	110.7	108.3
170°	112.0	114.4	114.4	112.0	113.2	113.2	114.4	113.2	113.2	110.7	109.5
172.5°	114.4	116.9	115.7	114.4	114.4	114.4	114.4	113.2	112.0	109.5	109.5
175°	115.7	118.1	118.1	115.7	114.4	114.4	115.7	113.2	112.0	110.7	108.3
177.5°	115.7	118.1	118.1	115.7	115.7	114.4	115.7	114.4	114.4	112.0	109.5
180°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4	1347.4
2.5°	1342.5	1341.3	1333.9	1342.5	1342.5	1340.1	1349.9	1348.7	1347.4	1345.0
5°	1337.6	1336.4	1329.0	1337.6	1337.6	1336.4	1346.2	1347.4	1348.7	1346.2
7.5°	1330.2	1329.0	1321.6	1330.2	1330.2	1329.0	1340.1	1341.3	1342.5	1338.8
10°	1319.1	1317.9	1310.5	1319.1	1320.4	1319.1	1327.8	1329.0	1331.5	1326.5
12.5°	1304.4	1304.4	1297.0	1305.6	1306.8	1305.6	1314.2	1316.7	1319.1	1313.0
15°	1285.9	1287.2	1281.0	1289.6	1290.8	1290.8	1299.5	1300.7	1304.4	1295.8
17.5°	1263.8	1266.2	1261.3	1269.9	1271.2	1272.4	1277.3	1281.0	1284.7	1274.8
20°	1240.4	1241.6	1237.9	1245.3	1247.8	1246.5	1252.7	1257.6	1261.3	1251.5
22.5°	1212.1	1213.3	1209.6	1217.0	1219.5	1220.7	1225.6	1231.8	1234.2	1225.6
25°	1180.1	1185.0	1182.6	1189.9	1192.4	1192.4	1197.3	1203.5	1207.2	1194.9
27.5°	1149.3	1155.5	1153.0	1160.4	1162.9	1164.1	1166.6	1173.9	1177.6	1166.6
30°	1114.9	1122.3	1121.0	1128.4	1130.9	1129.6	1134.6	1141.9	1146.9	1134.6
32.5°	1076.7	1086.6	1085.3	1095.2	1097.6	1098.9	1102.6	1112.4	1117.3	1106.3
35°	1039.8	1050.9	1052.1	1063.2	1066.9	1068.1	1073.0	1082.9	1087.8	1076.7
37.5°	1001.7	1016.4	1020.1	1031.2	1034.9	1036.1	1041.0	1052.1	1057.0	1046.0
40°	964.7	982.0	986.9	996.7	1000.4	1004.1	1007.8	1018.9	1025.0	1014.0
42.5°	927.8	946.3	952.4	962.3	966.0	969.7	974.6	986.9	991.8	982.0
45°	889.7	909.4	916.8	926.6	931.5	935.2	940.1	951.2	957.4	947.5
47.5°	851.5	871.2	878.6	889.7	894.6	899.5	903.2	916.8	922.9	913.1
50°	810.9	833.1	841.7	851.5	858.9	862.6	867.5	879.8	886.0	877.4
52.5°	770.3	793.7	803.5	813.4	820.8	826.9	829.4	842.9	849.1	840.5
55°	728.5	751.9	762.9	774.0	781.4	788.8	791.2	804.8	810.9	798.6
57.5°	686.6	711.3	722.3	734.6	740.8	749.4	753.1	765.4	771.6	762.9
60°	644.8	668.2	681.7	692.8	701.4	708.8	711.3	724.8	730.9	719.9
62.5°	601.7	626.3	639.9	652.2	659.6	668.2	671.9	684.2	689.1	678.0
65°	557.4	582.0	596.8	607.9	617.7	625.1	627.6	641.1	646.0	635.0
67.5°	513.1	537.7	553.7	566.1	574.7	583.3	585.7	599.3	604.2	595.6
70°	470.1	494.7	510.7	525.4	531.6	540.2	543.9	556.2	561.1	553.7
72.5°	427.0	451.6	468.8	483.6	489.8	498.4	503.3	513.1	520.5	514.4
75°	385.2	409.8	427.0	441.8	447.9	456.5	461.5	471.3	476.2	471.3
77.5°	344.6	369.2	385.2	399.9	407.3	414.7	419.6	429.5	435.6	430.7
80°	305.2	329.8	345.8	359.3	366.7	374.1	379.0	390.1	395.0	391.3
82.5°	268.3	291.6	308.9	322.4	329.8	337.2	342.1	351.9	358.1	353.2
85°	235.0	258.4	274.4	287.9	294.1	301.5	306.4	316.3	321.2	318.7
87.5°	203.0	224.0	242.4	256.0	262.1	269.5	275.6	283.0	289.2	285.5
90°	178.4	196.9	214.1	227.7	235.0	242.4	249.8	257.2	262.1	259.6
92.5°	179.7	196.9	212.9	225.2	232.6	240.0	247.3	256.0	259.6	257.2
95°	179.7	196.9	212.9	225.2	232.6	240.0	247.3	256.0	259.6	257.2
97.5°	179.7	196.9	212.9	225.2	232.6	240.0	247.3	256.0	259.6	256.0
100°	179.7	196.9	212.9	225.2	232.6	238.7	246.1	254.7	258.4	256.0
102.5°	179.7	196.9	211.7	224.0	231.3	237.5	244.9	253.5	257.2	254.7
105°	179.7	195.7	211.7	222.7	230.1	236.3	243.6	251.0	254.7	252.3
107.5°	178.4	194.4	209.2	221.5	227.7	233.8	241.2	248.6	252.3	249.8
110°	178.4	193.2	208.0	219.0	225.2	231.3	238.7	246.1	249.8	247.3



TEST NUMBER: P894218
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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	177.2	192.0	206.7	216.6	222.7	228.9	235.0	243.6	247.3	244.9
115°	176.0	190.7	204.3	214.1	220.3	225.2	232.6	241.2	243.6	242.4
117.5°	174.7	188.3	201.8	211.7	217.8	222.7	228.9	236.3	240.0	238.7
120°	173.5	185.8	199.3	208.0	214.1	219.0	224.0	231.3	235.0	232.6
122.5°	171.0	183.4	196.9	205.5	210.4	215.3	220.3	226.4	230.1	228.9
125°	168.6	180.9	193.2	201.8	206.7	210.4	215.3	221.5	224.0	222.7
127.5°	166.1	178.4	189.5	196.9	203.0	206.7	210.4	216.6	219.0	217.8
130°	163.7	174.7	185.8	193.2	198.1	201.8	205.5	211.7	212.9	212.9
132.5°	161.2	171.0	182.1	189.5	194.4	196.9	200.6	205.5	208.0	206.7
135°	158.7	167.4	178.4	184.6	188.3	192.0	195.7	200.6	201.8	201.8
137.5°	155.0	163.7	173.5	179.7	183.4	185.8	189.5	194.4	195.7	195.7
140°	151.4	160.0	168.6	173.5	178.4	180.9	183.4	188.3	189.5	189.5
142.5°	147.7	155.0	163.7	168.6	173.5	174.7	178.4	182.1	183.4	183.4
145°	142.7	151.4	158.7	163.7	167.4	168.6	172.3	176.0	176.0	177.2
147.5°	136.6	144.0	153.8	157.5	161.2	162.4	166.1	168.6	169.8	169.8
150°	130.4	137.8	146.4	152.6	156.3	157.5	158.7	162.4	162.4	163.7
152.5°	124.3	130.4	139.1	145.2	150.1	151.4	152.6	155.0	155.0	156.3
155°	118.1	123.1	130.4	136.6	141.5	144.0	146.4	148.9	148.9	150.1
157.5°	113.2	118.1	124.3	129.2	132.9	136.6	140.3	142.7	142.7	142.7
160°	107.1	110.7	116.9	120.6	125.5	128.0	134.1	136.6	136.6	137.8
162.5°	103.4	104.6	108.3	112.0	115.7	118.1	124.3	130.4	130.4	131.7
165°	104.6	103.4	104.6	105.8	108.3	109.5	113.2	121.8	124.3	125.5
167.5°	107.1	103.4	103.4	103.4	105.8	105.8	109.5	114.4	123.1	120.6
170°	107.1	103.4	100.9	100.9	102.1	100.9	103.4	107.1	112.0	116.9
172.5°	108.3	104.6	100.9	96.0	97.2	96.0	93.5	93.5	94.8	110.7
175°	107.1	104.6	99.7	93.5	92.3	88.6	81.2	75.1	71.4	55.4
177.5°	105.8	102.1	98.4	93.5	91.1	87.4	78.8	68.9	59.1	56.6
180°	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9	100.9



TEST NUMBER: P894218
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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	15.54	16.86	16.15	17.49	18.21	18.09	19.41	18.70	20.04	20.76
	3H	16.94	18.14	17.57	18.78	19.54	20.52	21.72	21.14	22.36	23.12
	4H	17.37	18.51	18.02	19.16	19.93	21.66	22.79	22.30	23.45	24.22
	6H	17.61	18.67	18.27	19.33	20.12	22.79	23.85	23.46	24.52	25.30
	8H	17.65	18.66	18.32	19.35	20.14	23.35	24.36	24.02	25.05	25.84
	12H	17.66	18.63	18.34	19.31	20.13	23.94	24.90	24.61	25.58	26.40
4H	2H	16.43	17.56	17.08	18.22	18.99	18.44	19.57	19.09	20.23	21.00
	3H	18.05	19.02	18.71	19.71	20.50	21.07	22.03	21.73	22.73	23.52
	4H	18.61	19.49	19.29	20.19	21.01	22.36	23.24	23.04	23.94	24.76
	6H	18.94	19.72	19.64	20.44	21.27	23.67	24.45	24.37	25.17	26.00
	8H	19.02	19.75	19.72	20.47	21.31	24.33	25.06	25.03	25.78	26.62
	12H	19.05	19.71	19.78	20.46	21.30	25.03	25.69	25.75	26.43	27.28
8H	4H	19.25	19.99	19.96	20.70	21.55	22.51	23.24	23.21	23.96	24.80
	6H	19.76	20.38	20.49	21.14	21.98	23.97	24.58	24.70	25.34	26.19
	8H	19.91	20.47	20.66	21.23	22.09	24.75	25.30	25.49	26.06	26.92
	12H	20.00	20.50	20.75	21.25	22.17	25.61	26.10	26.36	26.85	27.77
12H	4H	19.42	20.08	20.14	20.82	21.67	22.50	23.16	23.23	23.91	24.75
	6H	20.02	20.57	20.76	21.33	22.19	23.98	24.54	24.73	25.30	26.16
	8H	20.25	20.74	21.00	21.50	22.41	24.82	25.31	25.56	26.06	26.98