

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: NEO-RAY

Report Number: P832443

Luminaire Tested: S123RDP-S1000D850-4F0-1E-UDD-G

Issue Date: 05/03/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P832443  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2301-905-2, -)  
Test Lab: INNOVATION CENTER  
Issue Date: 05/03/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S123RDP-S1000D850-4F0-1E-UDD-G  
Description: DEFINE 3 DIRECT PENDANT LED LUMINAIRE  
DOWNLIGHT 1000 LUMENS PER FOOT, GRAZE OPTIC  
  
Light Source: -  
Ballast/Driver: -

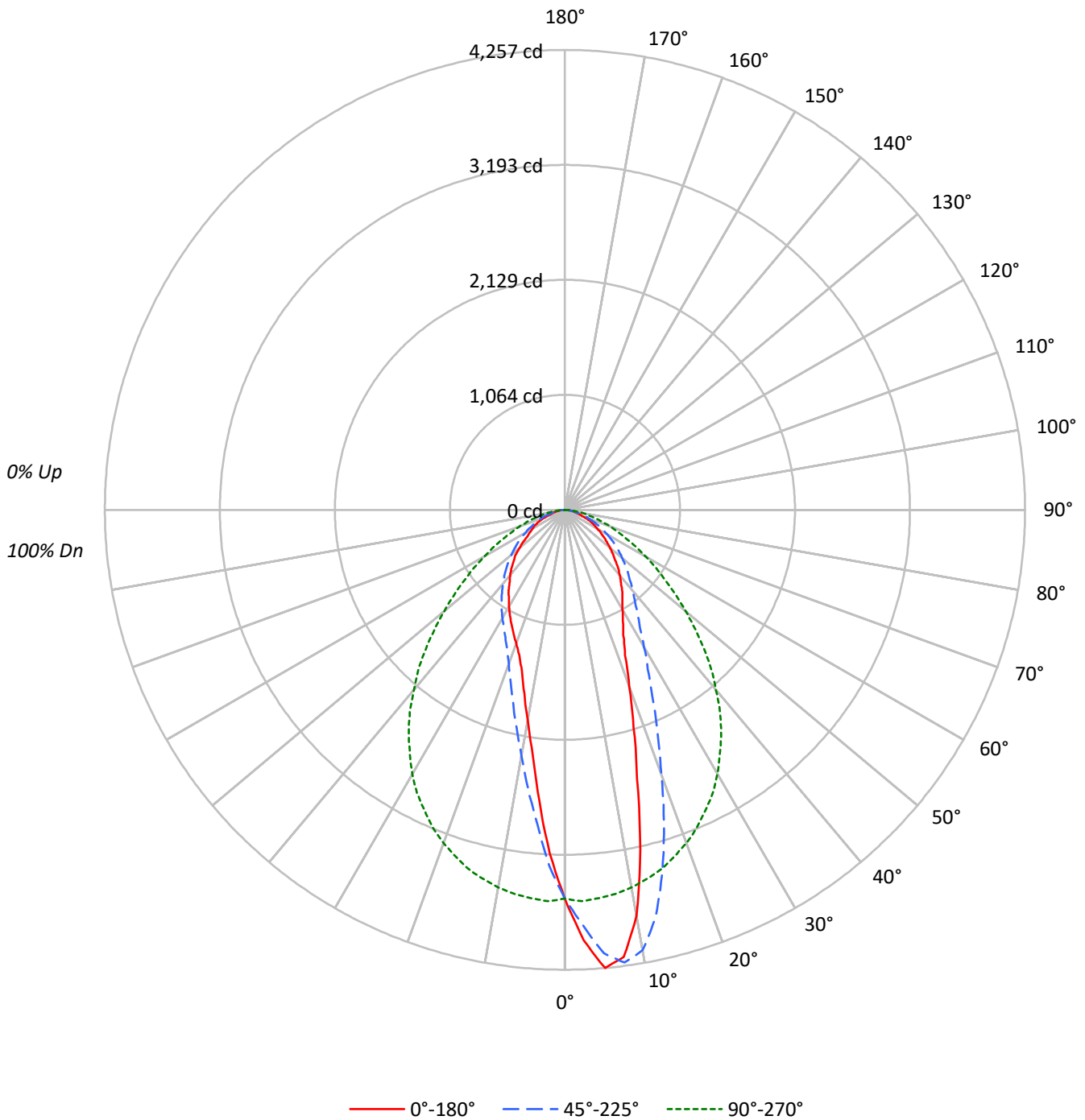
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4771.4 lumens  
Efficiency: N/A  
Efficacy: 135.9 lumens/watt  
Spacing Criteria (0/90/45): 0.55 / 1.17 / 0.8  
Luminous Opening: Rectangular (W 4' x L: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 35.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	104	101	98	100	97	95	96	94	92	93	91	89	87
2	102	95	89	84	100	93	88	83	90	85	81	87	83	80	84	81	78	76
3	94	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67
4	88	77	69	64	85	76	69	63	73	67	62	71	66	62	69	65	61	59
5	82	70	62	56	80	69	62	56	67	61	56	65	60	55	63	58	54	53
6	76	64	56	51	74	63	56	50	62	55	50	60	54	50	59	53	49	47
7	71	59	51	46	70	58	51	46	57	50	45	56	50	45	54	49	45	43
8	67	55	47	42	65	54	47	42	53	46	41	52	46	41	51	45	41	39
9	63	51	43	38	62	50	43	38	49	43	38	48	42	38	47	42	38	36
10	60	47	40	35	58	47	40	35	46	40	35	45	39	35	44	39	35	33

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°	135°	180°
0°	38736	38736	38736	38736	38736
5°	45995	44529	38980	31511	29255
10°	41673	45228	38786	25247	21659
15°	28691	38780	38376	20635	17133
20°	19961	29857	37606	17400	15060
25°	15210	22755	36485	15465	13879
30°	13241	18192	35082	14359	12855
35°	12156	15347	33097	13427	11924
40°	11092	13704	30498	12513	11071
45°	10018	12533	27694	11645	10219
50°	9093	11563	24387	10798	9167
55°	8223	10620	21210	9969	7863
60°	7369	9655	18424	9052	7434
65°	6803	8568	15860	8135	7027
70°	5526	7405	13838	7361	5712
75°	4849	5889	11720	6105	5032
80°	4389	4984	9602	5120	4754
85°	4014	4372	7287	4644	4372

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 80°  
 Vertical Angle: 45°  
 Luminance: 29221 cd/sqm

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	328.0	6.9
10°-20°	759.0	15.9
20°-30°	870.9	18.3
30°-40°	858.4	18.0
40°-50°	757.0	15.9
50°-60°	582.4	12.2
60°-70°	382.9	8.0
70°-80°	185.9	3.9
80°-90°	46.9	1.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1957.9	41.0
0°-40°	2816.3	59.0
0°-60°	4155.7	87.1
0°-90°	4771.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4771.4	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	3599	3599	3599	3599	3599	
5°	4257	4121	3608	2916	2708	389
15°	2575	3480	3444	1852	1538	727
25°	1281	1916	3072	1302	1169	605
35°	925	1168	2519	1022	907	577
45°	658	823	1819	765	671	511
55°	438	566	1130	531	419	393
65°	267	336	623	319	276	262
75°	117	142	282	147	121	125
85°	32	35	59	38	35	37
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7
2.5°	3988.3	3975.7	3963.2	3959.5	3955.8	3944.0	3932.2	3905.6	3879.1	3851.8	3824.5
5°	4256.8	4258.3	4259.7	4256.1	4252.4	4236.9	4221.4	4188.9	4156.5	4121.1	4085.6
7.5°	4174.2	4197.8	4221.4	4225.8	4230.2	4242.0	4253.8	4246.5	4239.1	4225.8	4212.5
10°	3812.7	3811.2	3809.7	3836.3	3862.8	3941.8	4020.7	4061.3	4101.9	4138.0	4174.2
12.5°	3222.5	3224.7	3226.9	3314.0	3401.0	3475.5	3550.0	3653.3	3756.6	3868.0	3979.4
15°	2574.7	2610.9	2647.0	2724.5	2802.0	2914.1	3026.2	3164.9	3303.6	3480.0	3656.3
17.5°	2114.4	2129.9	2145.4	2219.9	2294.4	2400.6	2506.9	2664.0	2821.1	3048.4	3275.6
20°	1742.6	1756.6	1770.6	1824.4	1878.3	1980.1	2081.9	2231.7	2381.4	2606.5	2831.5
22.5°	1454.8	1482.1	1509.4	1545.6	1581.7	1655.5	1729.3	1882.0	2034.7	2239.8	2444.9
25°	1280.7	1293.3	1305.8	1336.8	1367.8	1438.6	1509.4	1610.5	1711.6	1915.9	2120.3
27.5°	1162.7	1166.4	1170.1	1192.9	1215.8	1261.5	1307.3	1401.0	1494.7	1662.9	1831.1
30°	1065.3	1071.9	1078.6	1096.3	1114.0	1147.2	1180.4	1246.8	1313.2	1463.7	1614.2
32.5°	990.1	993.7	997.4	1012.2	1026.9	1051.3	1075.6	1128.0	1180.4	1295.5	1410.6
35°	925.1	925.9	926.6	937.7	948.7	972.4	996.0	1039.5	1083.0	1167.9	1252.7
37.5°	851.4	856.5	861.7	869.8	877.9	898.6	919.2	954.6	990.1	1060.1	1130.2
40°	789.4	793.8	798.2	807.8	817.4	833.7	849.9	882.3	914.8	975.3	1035.8
42.5°	727.4	730.4	733.3	742.9	752.5	772.4	792.3	818.2	844.0	894.1	944.3
45°	658.1	665.4	672.8	683.2	693.5	710.4	727.4	754.0	780.5	823.3	866.1
47.5°	600.5	604.2	607.9	616.8	625.6	646.3	666.9	690.5	714.1	754.0	793.8
50°	543.0	544.5	545.9	554.0	562.2	580.6	599.1	626.3	653.6	690.5	727.4
52.5°	488.4	492.1	495.8	503.9	512.0	524.5	537.1	565.1	593.1	629.3	665.4
55°	438.2	440.4	442.6	448.5	454.5	469.2	484.0	508.3	532.7	565.9	599.1
57.5°	391.0	394.0	396.9	401.3	405.8	419.0	432.3	453.7	475.1	508.3	541.5
60°	342.3	346.0	349.7	354.9	360.0	370.3	380.7	399.9	419.0	448.5	478.1
62.5°	306.9	307.6	308.4	312.8	317.2	324.6	332.0	347.5	363.0	392.5	422.0
65°	267.1	269.3	271.5	273.7	275.9	281.8	287.7	301.0	314.3	336.4	358.5
67.5°	225.8	228.0	230.2	233.9	237.6	242.7	247.9	256.7	265.6	286.2	306.9
70°	175.6	175.6	175.6	181.5	187.4	196.2	205.1	211.7	218.4	235.3	252.3
72.5°	143.1	143.9	144.6	145.3	146.1	151.2	156.4	167.5	178.5	188.9	199.2
75°	116.6	117.3	118.0	118.8	119.5	121.0	122.5	126.2	129.8	141.6	153.5
77.5°	93.0	93.7	94.4	95.2	95.9	97.4	98.9	100.3	101.8	106.2	110.7
80°	70.8	71.6	72.3	73.0	73.8	74.5	75.3	76.7	78.2	80.4	82.6
82.5°	51.6	51.6	51.6	51.6	51.6	53.1	54.6	54.6	54.6	56.1	57.5
85°	32.5	32.5	32.5	33.2	33.9	33.9	33.9	34.7	35.4	35.4	35.4
87.5°	14.8	14.0	13.3	14.0	14.8	14.8	14.8	15.5	16.2	16.2	16.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7
2.5°	3820.8	3817.1	3781.7	3746.3	3711.6	3676.9	3651.1	3625.3	3581.8	3538.2	3510.9
5°	4057.6	4029.6	3973.5	3917.4	3833.3	3749.2	3678.4	3607.6	3517.6	3427.6	3352.3
7.5°	4189.7	4166.8	4098.9	4031.0	3919.6	3808.2	3697.6	3586.9	3454.1	3321.3	3207.7
10°	4193.4	4212.5	4156.5	4100.4	3975.0	3849.6	3699.1	3548.6	3370.0	3191.5	3044.7
12.5°	4062.0	4144.7	4132.9	4121.1	3993.4	3865.8	3682.8	3499.9	3280.8	3061.6	2877.9
15°	3816.4	3976.5	4023.7	4070.9	3965.4	3859.9	3651.8	3443.8	3186.3	2928.9	2717.9
17.5°	3499.9	3724.1	3848.8	3973.5	3896.8	3820.1	3592.1	3364.1	3074.2	2784.3	2554.8
20°	3125.1	3418.7	3614.2	3809.7	3781.7	3753.7	3518.3	3283.0	2970.2	2657.4	2408.7
22.5°	2754.7	3064.6	3334.6	3604.6	3633.4	3662.2	3424.6	3187.1	2844.8	2502.4	2249.4
25°	2435.3	2750.3	3072.0	3393.6	3458.6	3523.5	3297.7	3072.0	2717.1	2362.3	2110.7
27.5°	2130.6	2430.1	2784.3	3138.4	3256.4	3374.5	3167.9	2961.3	2591.7	2222.1	1971.3
30°	1882.0	2149.8	2511.3	2872.8	3037.3	3201.8	3012.2	2822.6	2456.0	2089.3	1843.6
32.5°	1650.3	1890.1	2253.1	2616.0	2807.1	2998.2	2834.4	2670.6	2318.0	1965.4	1722.6
35°	1467.4	1682.1	2020.7	2359.3	2573.3	2787.2	2652.9	2518.7	2174.1	1829.6	1600.2
37.5°	1310.2	1490.2	1808.2	2126.2	2353.4	2580.6	2468.5	2356.4	2032.5	1708.6	1491.7
40°	1180.4	1325.0	1620.8	1916.7	2139.5	2362.3	2266.4	2170.5	1880.5	1590.6	1387.7
42.5°	1069.0	1193.7	1459.3	1724.9	1929.2	2133.6	2070.1	2006.7	1744.0	1481.4	1293.3
45°	970.9	1075.6	1309.5	1543.4	1731.5	1919.6	1869.4	1819.3	1592.8	1366.3	1193.7
47.5°	883.8	973.8	1182.6	1391.4	1560.3	1729.3	1682.8	1636.3	1448.9	1261.5	1104.4
50°	804.1	880.9	1055.0	1229.1	1381.1	1533.0	1494.7	1456.3	1301.4	1146.5	1010.7
52.5°	728.9	792.3	948.7	1105.1	1227.6	1350.1	1320.6	1291.1	1171.5	1052.0	928.8
55°	657.3	715.6	847.7	979.7	1084.5	1189.2	1159.7	1130.2	1037.3	944.3	835.9
57.5°	592.4	643.3	750.3	857.3	940.6	1024.0	1010.0	996.0	918.5	841.0	751.8
60°	523.8	569.5	661.8	754.0	821.1	888.2	872.0	855.8	800.5	745.1	668.4
62.5°	462.6	503.1	576.9	650.7	705.3	759.9	748.1	736.3	694.2	652.2	588.7
65°	398.4	438.2	498.0	557.7	600.5	643.3	633.0	622.7	590.9	559.2	508.3
67.5°	340.1	373.3	424.9	476.6	505.4	534.1	528.2	522.3	498.0	473.6	433.8
70°	281.1	309.9	352.6	395.4	415.4	435.3	437.5	439.7	417.6	395.4	365.9
72.5°	222.1	244.9	284.8	324.6	340.1	355.6	354.9	354.1	340.8	327.6	301.0
75°	170.4	187.4	218.4	249.4	262.6	275.9	278.9	281.8	269.3	256.7	242.0
77.5°	122.5	134.3	157.9	181.5	196.2	211.0	212.5	213.9	208.0	202.1	188.1
80°	86.3	90.0	104.8	119.5	135.0	150.5	152.7	154.9	149.0	143.1	134.3
82.5°	59.8	62.0	67.1	72.3	84.8	97.4	100.3	103.3	100.3	97.4	87.8
85°	36.1	36.9	39.1	41.3	47.2	53.1	56.1	59.0	57.5	56.1	50.9
87.5°	16.2	16.2	17.0	17.7	19.2	20.7	24.3	28.0	25.8	23.6	21.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7	3598.7
2.5°	3483.6	3441.6	3399.5	3369.3	3339.0	3301.4	3263.8	3262.3	3260.8	3232.8	3204.8
5°	3277.1	3204.0	3131.0	3059.4	2987.9	2916.3	2844.8	2828.5	2812.3	2787.9	2763.6
7.5°	3094.1	2977.5	2861.0	2769.5	2678.0	2606.5	2534.9	2486.2	2437.5	2399.9	2362.3
10°	2897.9	2753.3	2608.7	2498.0	2387.3	2309.9	2232.4	2176.4	2120.3	2093.7	2067.2
12.5°	2694.3	2537.1	2380.0	2271.5	2163.1	2070.1	1977.2	1926.3	1875.4	1838.5	1801.6
15°	2506.9	2337.9	2169.0	2053.9	1938.8	1851.7	1764.7	1713.8	1662.9	1626.0	1589.1
17.5°	2325.4	2155.0	1984.5	1868.0	1751.4	1672.5	1593.5	1544.1	1494.7	1471.8	1448.9
20°	2160.1	1988.2	1816.3	1706.4	1596.5	1519.0	1441.6	1415.0	1388.4	1367.0	1345.6
22.5°	1996.3	1831.1	1665.8	1560.3	1454.8	1398.8	1342.7	1321.3	1299.9	1283.7	1267.4
25°	1859.1	1694.6	1530.1	1437.9	1345.6	1302.1	1258.6	1244.6	1230.6	1214.3	1198.1
27.5°	1720.4	1564.0	1407.6	1333.8	1260.1	1224.7	1189.2	1171.5	1153.8	1140.6	1127.3
30°	1598.0	1453.4	1308.8	1247.5	1186.3	1155.3	1124.3	1105.1	1086.0	1073.4	1060.9
32.5°	1479.9	1351.6	1223.2	1170.8	1118.4	1088.2	1057.9	1039.5	1021.0	1006.3	991.5
35°	1370.7	1259.3	1147.9	1100.0	1052.0	1021.8	991.5	973.1	954.6	939.9	925.1
37.5°	1274.8	1173.8	1072.7	1027.7	982.7	956.1	929.6	910.4	891.2	875.7	860.2
40°	1184.8	1095.6	1006.3	962.8	919.2	890.5	861.7	844.7	827.8	813.7	799.7
42.5°	1105.1	1023.3	941.4	898.6	855.8	828.5	801.2	781.3	761.4	753.2	745.1
45°	1021.0	948.7	876.4	835.1	793.8	765.0	736.3	719.3	702.3	695.0	687.6
47.5°	947.3	880.1	813.0	772.4	731.8	706.0	680.2	666.9	653.6	643.3	633.0
50°	875.0	810.0	745.1	706.0	666.9	644.8	622.7	606.4	590.2	582.8	575.4
52.5°	805.6	746.6	687.6	647.7	607.9	586.5	565.1	551.1	537.1	521.6	506.1
55°	727.4	675.8	624.1	588.7	553.3	531.2	509.0	492.8	476.6	460.4	444.1
57.5°	662.5	611.6	560.7	529.0	497.2	475.8	454.5	436.7	419.0	405.8	392.5
60°	591.7	547.4	503.1	472.2	441.2	420.5	399.9	382.9	365.9	359.3	352.6
62.5°	525.3	484.0	442.6	415.4	388.1	368.1	348.2	337.2	326.1	321.7	317.2
65°	457.4	422.0	386.6	361.5	336.4	319.4	302.5	297.3	292.1	288.5	284.8
67.5°	394.0	363.7	333.5	311.3	289.2	277.4	265.6	259.7	253.8	249.4	244.9
70°	336.4	309.9	283.3	264.1	244.9	233.9	222.8	217.6	212.5	204.4	196.2
72.5°	274.4	253.8	233.1	218.4	203.6	194.0	184.4	174.1	163.8	156.4	149.0
75°	227.2	206.6	185.9	171.9	157.9	146.8	135.7	132.1	128.4	126.2	123.9
77.5°	174.1	156.4	138.7	127.6	116.6	111.4	106.2	104.0	101.8	101.1	100.3
80°	125.4	110.7	95.9	90.0	84.1	82.6	81.2	79.7	78.2	77.5	76.7
82.5°	78.2	70.8	63.4	62.0	60.5	59.8	59.0	58.3	57.5	56.8	56.1
85°	45.7	42.8	39.8	39.1	38.4	37.6	36.9	36.9	36.9	36.9	36.9
87.5°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	18.4	17.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





TEST NUMBER: P832443

CATALOG NUMBER: S123RDP-S1000D850-4F0-1E-UDD-G

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°
0°	3598.7	3598.7	3598.7	3598.7
2.5°	3197.4	3190.0	3187.1	3184.1
5°	2740.7	2717.9	2712.7	2707.5
7.5°	2352.7	2343.1	2311.4	2279.6
10°	2037.7	2008.1	1994.9	1981.6
12.5°	1774.3	1747.0	1742.6	1738.1
15°	1569.9	1550.7	1544.1	1537.5
17.5°	1435.7	1422.4	1414.3	1406.1
20°	1336.1	1326.5	1320.6	1314.7
22.5°	1260.1	1252.7	1248.3	1243.8
25°	1187.0	1176.0	1172.3	1168.6
27.5°	1117.7	1108.1	1104.4	1100.7
30°	1052.8	1044.6	1039.5	1034.3
32.5°	981.9	972.4	969.4	966.4
35°	919.2	913.3	910.4	907.4
37.5°	852.8	845.5	841.0	836.6
40°	796.0	792.3	790.1	787.9
42.5°	738.5	731.8	731.1	730.4
45°	680.9	674.3	672.8	671.3
47.5°	627.1	621.2	620.4	619.7
50°	567.3	559.2	553.3	547.4
52.5°	498.7	491.3	486.2	481.0
55°	436.0	427.9	423.5	419.0
57.5°	388.8	385.1	382.9	380.7
60°	350.4	348.2	346.7	345.3
62.5°	315.0	312.8	312.8	312.8
65°	282.6	280.3	278.1	275.9
67.5°	240.5	236.1	235.3	234.6
70°	189.6	183.0	182.2	181.5
72.5°	148.3	147.5	146.1	144.6
75°	122.5	121.0	121.0	121.0
77.5°	98.9	97.4	97.4	97.4
80°	76.0	75.3	76.0	76.7
82.5°	56.1	56.1	55.3	54.6
85°	36.1	35.4	35.4	35.4
87.5°	17.7	17.7	17.7	17.7
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P832443

CATALOG NUMBER: S123RDP-S1000D850-4F0-1E-UDD-G

**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	17.41	18.87	17.78	19.18	19.49	22.07	23.53	22.44	23.84	24.16
	3H	18.67	19.98	19.05	20.30	20.67	23.62	24.92	23.99	25.25	25.61
	4H	19.08	20.30	19.48	20.65	21.03	24.13	25.35	24.53	25.70	26.08
	6H	19.39	20.52	19.81	20.89	21.28	24.47	25.60	24.89	25.97	26.36
	8H	19.50	20.57	19.92	20.96	21.36	24.57	25.64	25.00	26.03	26.43
	12H	19.57	20.59	20.00	20.97	21.40	24.62	25.64	25.05	26.02	26.45
4H	2H	18.20	19.42	18.60	19.77	20.15	22.14	23.36	22.54	23.71	24.09
	3H	19.62	20.63	20.03	21.03	21.43	23.85	24.86	24.26	25.26	25.66
	4H	20.10	21.01	20.53	21.42	21.86	24.48	25.38	24.91	25.80	26.24
	6H	20.50	21.28	20.96	21.73	22.19	24.94	25.73	25.40	26.17	26.64
	8H	20.63	21.37	21.10	21.81	22.28	25.08	25.82	25.55	26.26	26.73
	12H	20.74	21.39	21.22	21.87	22.34	25.17	25.83	25.66	26.31	26.78
8H	4H	20.45	21.19	20.92	21.63	22.10	24.48	25.22	24.95	25.66	26.13
	6H	20.94	21.54	21.44	22.04	22.51	25.00	25.60	25.50	26.10	26.58
	8H	21.13	21.67	21.65	22.19	22.67	25.19	25.73	25.70	26.24	26.73
	12H	21.30	21.78	21.81	22.27	22.83	25.33	25.81	25.84	26.30	26.87
12H	4H	20.49	21.15	20.98	21.63	22.10	24.46	25.12	24.94	25.59	26.07
	6H	21.00	21.54	21.51	22.05	22.54	24.97	25.52	25.49	26.03	26.52
	8H	21.24	21.72	21.75	22.21	22.78	25.19	25.67	25.71	26.17	26.73