

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P242485

Luminaire Tested: S123DRP-S1165D935-X4F0-XX-UDD-A-W

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2024
Report Number: P242485
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-20)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S123DRP-S1165D935-X4F0-XX-UDD-A-W
Description: DEFINE 3 DIRECT RECESSED WITH ASYMMETRIC FLUSH DIFFUSER
STANDARD LIGHT ENGINE
Light Source: (92) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

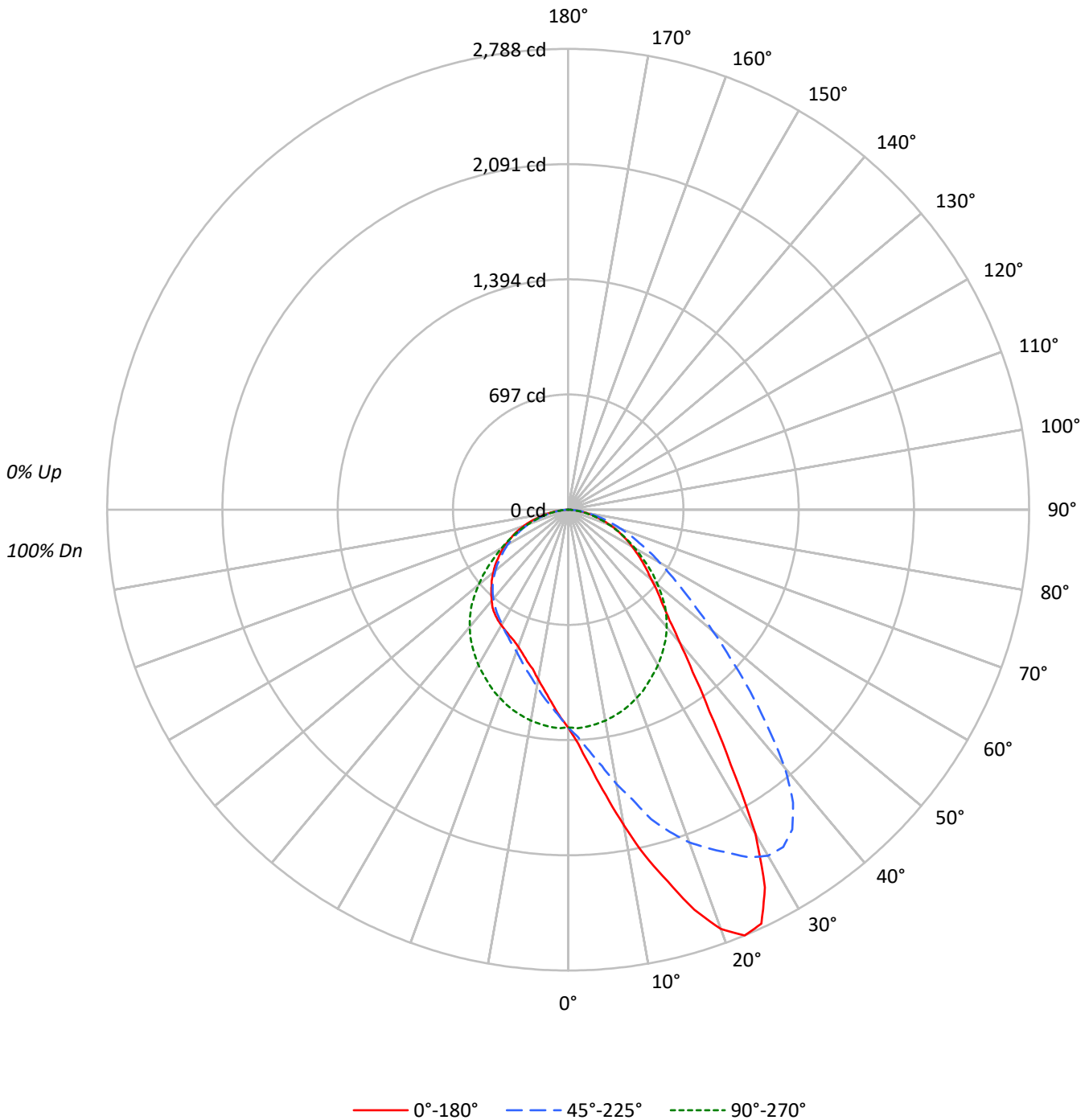
Lumens per Lamp: N/A
Luminaire Lumens: 3974.6 lumens
Efficiency: N/A
Efficacy: 96.7 lumens/watt
Spacing Criteria (0/90/45): 1.37 / 1.23 / 1.5
Luminous Opening: Rectangular (W 3.88' x L: 0.23' x H: 0')
CIE Type: Direct

Input Watts (W): 41.1
Input Voltage (V): 120
Input Current (A_{in}): 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	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					100			
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85					85			
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	74	72					72			
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62					62			
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	65	60	56	53					53			
5	78	66	57	51	76	64	56	50	62	55	50	60	54	49	59	53	49	47					47			
6	72	59	51	44	70	58	50	44	56	49	44	55	48	43	53	48	43	41					41			
7	67	54	45	39	65	53	45	39	52	44	39	50	44	39	49	43	38	36					36			
8	62	49	41	35	61	49	41	35	47	40	35	46	39	35	45	39	35	33					33			
9	58	45	37	32	57	45	37	32	43	36	32	42	36	31	41	36	31	29					29			
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27					27			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°	135°	180°
0°	15961	15961	15961	15961	15961
5°	19035	17839	16031	14517	14207
10°	23825	20739	15949	13373	12831
15°	29222	24323	15820	12474	11945
20°	34812	27620	15620	11769	11373
25°	36965	30634	15376	11426	11246
30°	31684	33826	15199	11207	11305
35°	22035	34950	14945	11169	11424
40°	16597	32265	14649	11146	11388
45°	13780	26685	14207	11069	11243
50°	12344	21535	13306	10852	11141
55°	11541	17866	12337	10543	11002
60°	10827	15452	11321	10240	10890
65°	10173	13595	10320	9717	10540
70°	9540	12142	9179	8931	10040
75°	8547	10519	8037	7976	9203
80°	7483	8642	6589	6457	7930
85°	5855	6745	4798	4701	5327

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 55°
 Vertical Angle: 45°
 Luminance: 31541 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.5	3.3
10°-20°	416.0	10.5
20°-30°	699.9	17.6
30°-40°	791.0	19.9
40°-50°	708.5	17.8
50°-60°	571.9	14.4
60°-70°	398.5	10.0
70°-80°	209.2	5.3
80°-90°	50.1	1.3
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°	1245.4	31.3
0°-40°	2036.4	51.2
0°-60°	3316.8	83.5
0°-90°	3974.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3974.6	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1317	1317	1317	1317	1317	
5°	1564	1466	1318	1193	1168	161
15°	2329	1938	1261	994	952	672
25°	2764	2290	1150	854	841	1222
35°	1489	2362	1010	755	772	961
45°	804	1557	829	646	656	634
55°	546	845	584	499	521	490
65°	355	474	360	339	368	353
75°	182	225	172	170	196	195
85°	42	48	34	34	38	51
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°	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8
2.5°	1417.7	1416.4	1413.2	1415.7	1410.6	1403.6	1403.0	1396.6	1378.1	1376.8	1371.7
5°	1564.4	1559.3	1558.7	1558.0	1549.1	1537.0	1514.0	1512.1	1481.5	1466.1	1447.6
7.5°	1741.8	1739.8	1734.7	1729.0	1699.0	1684.3	1662.6	1634.6	1598.8	1564.4	1542.7
10°	1935.7	1956.8	1930.6	1912.7	1896.2	1864.9	1828.5	1783.2	1737.9	1685.0	1644.8
12.5°	2143.7	2151.4	2151.4	2134.8	2106.7	2055.0	1983.6	1932.5	1891.7	1794.7	1760.3
15°	2328.7	2367.6	2342.8	2285.3	2286.6	2241.3	2157.1	2064.6	2015.5	1938.3	1833.0
17.5°	2538.0	2545.0	2537.4	2483.8	2457.6	2391.9	2316.0	2229.8	2137.3	2043.5	1934.4
20°	2698.8	2694.9	2672.6	2647.7	2592.9	2544.4	2459.5	2360.6	2233.0	2141.2	2019.3
22.5°	2788.1	2781.1	2773.4	2753.6	2710.3	2657.3	2583.3	2472.9	2353.0	2217.7	2072.3
25°	2763.9	2772.1	2773.4	2767.7	2751.7	2720.5	2660.5	2574.4	2453.1	2290.5	2143.7
27.5°	2576.3	2597.3	2624.1	2642.0	2670.7	2689.8	2670.7	2616.5	2516.9	2371.5	2190.9
30°	2263.7	2238.1	2301.3	2381.0	2435.3	2531.0	2584.6	2587.8	2537.4	2416.8	2242.0
32.5°	1829.8	1871.3	1890.4	1993.1	2127.8	2238.1	2358.1	2464.6	2489.5	2419.3	2271.9
35°	1489.1	1524.2	1575.2	1626.3	1753.9	1863.6	2051.2	2214.5	2344.7	2361.9	2268.1
37.5°	1237.7	1258.2	1289.4	1343.6	1431.1	1566.9	1715.6	1928.1	2107.3	2233.7	2220.9
40°	1048.9	1054.0	1090.4	1129.3	1196.9	1304.1	1434.9	1617.4	1843.2	2039.1	2120.7
42.5°	907.2	920.0	930.2	967.2	1017.6	1091.6	1210.9	1353.9	1556.1	1789.0	1968.3
45°	803.9	816.7	826.2	851.1	889.4	943.6	1028.5	1166.3	1323.9	1556.7	1771.7
47.5°	732.4	731.2	739.5	759.2	786.7	830.0	892.6	984.4	1135.7	1330.2	1555.5
50°	654.6	664.8	667.4	682.0	702.4	732.4	782.2	857.5	976.2	1142.0	1344.9
52.5°	599.7	601.0	609.3	618.9	636.1	657.8	699.3	754.1	840.9	976.2	1158.6
55°	546.1	546.1	553.2	561.4	571.7	592.7	621.4	664.8	735.6	845.4	999.8
57.5°	496.4	498.9	505.3	507.2	516.1	530.8	555.7	590.2	644.4	733.1	860.7
60°	446.6	452.3	451.7	456.8	464.5	475.3	495.7	522.5	569.7	637.4	740.7
62.5°	403.2	401.3	401.3	407.7	415.3	425.6	437.0	459.4	497.6	555.7	639.9
65°	354.7	353.5	357.9	361.8	364.3	372.0	382.2	402.6	429.4	474.0	542.3
67.5°	312.6	308.8	312.0	313.3	317.7	324.1	334.3	347.1	368.8	406.4	461.3
70°	269.2	266.0	265.4	266.7	270.5	275.0	282.0	294.1	313.9	342.6	380.3
72.5°	224.6	222.7	222.7	225.9	227.1	229.7	234.1	245.0	259.7	279.4	313.9
75°	182.5	182.5	182.5	183.1	185.0	187.6	191.4	197.1	209.3	224.6	248.2
77.5°	144.2	144.8	143.6	142.9	146.1	147.4	148.0	154.4	161.4	172.9	191.4
80°	107.2	104.0	105.3	107.2	108.5	109.1	111.0	112.3	118.0	123.8	135.9
82.5°	72.7	70.2	70.2	73.4	73.4	74.0	75.9	77.8	79.1	84.2	89.3
85°	42.1	42.1	42.7	42.7	43.4	42.7	44.7	45.3	45.3	48.5	52.3
87.5°	19.1	17.9	18.5	19.1	18.5	19.1	19.8	20.4	21.1	21.7	22.3
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°	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8
2.5°	1367.9	1362.8	1357.7	1348.7	1341.1	1330.2	1327.1	1323.2	1311.7	1301.5	1293.9
5°	1440.6	1425.3	1403.0	1382.6	1366.0	1343.6	1330.9	1317.5	1298.3	1281.1	1267.1
7.5°	1510.2	1483.4	1452.1	1418.3	1385.8	1354.5	1329.6	1307.3	1282.4	1258.2	1239.7
10°	1596.3	1552.9	1504.4	1452.1	1407.4	1364.1	1327.7	1295.8	1261.3	1231.4	1206.5
12.5°	1694.6	1625.0	1553.6	1487.2	1432.3	1367.9	1322.0	1279.2	1239.0	1201.4	1172.7
15°	1767.9	1686.3	1607.1	1519.7	1439.3	1364.1	1311.7	1260.7	1215.4	1178.4	1142.7
17.5°	1840.7	1751.3	1650.5	1545.3	1450.8	1364.1	1292.6	1237.7	1182.2	1137.6	1103.1
20°	1900.6	1795.4	1677.3	1566.9	1459.8	1360.2	1279.8	1210.9	1149.7	1101.8	1061.6
22.5°	1952.3	1824.7	1701.6	1581.6	1459.1	1350.0	1256.2	1184.8	1117.2	1070.6	1027.2
25°	1984.8	1837.5	1715.0	1576.5	1443.2	1332.2	1230.1	1149.7	1083.3	1028.5	984.4
27.5°	2015.5	1835.6	1697.1	1547.8	1424.0	1313.7	1203.9	1117.8	1048.2	988.9	943.6
30°	2046.1	1838.7	1665.8	1518.5	1393.4	1278.6	1172.7	1085.9	1011.9	951.3	909.2
32.5°	2065.2	1836.8	1637.1	1477.6	1344.9	1246.7	1138.8	1048.2	971.7	912.4	872.2
35°	2070.3	1826.0	1603.3	1418.3	1292.0	1193.1	1103.1	1010.0	930.2	874.7	828.8
37.5°	2059.5	1806.2	1566.3	1364.7	1228.2	1129.9	1051.4	971.7	895.1	833.2	793.0
40°	2024.4	1787.1	1521.6	1307.3	1161.8	1068.0	1003.6	925.8	850.5	792.4	755.4
42.5°	1957.4	1748.1	1472.5	1243.5	1092.9	999.1	941.1	879.2	809.0	755.4	718.4
45°	1840.0	1688.2	1423.4	1179.7	1025.3	928.3	876.0	828.8	764.3	711.4	679.5
47.5°	1690.1	1607.1	1352.6	1112.7	954.5	860.7	805.8	766.9	716.5	673.7	642.5
50°	1532.5	1502.5	1280.5	1043.8	883.6	792.4	740.1	705.6	671.8	629.1	601.0
52.5°	1350.7	1381.3	1196.3	972.3	811.5	722.2	673.7	648.2	618.2	585.1	561.4
55°	1182.2	1249.2	1096.7	890.7	740.1	654.6	608.0	583.8	565.9	539.8	518.7
57.5°	1018.9	1104.4	993.4	808.4	669.9	595.3	549.3	521.9	510.4	495.7	478.5
60°	876.6	960.8	881.1	725.4	599.1	528.9	489.4	467.0	455.5	446.0	431.9
62.5°	749.7	835.2	771.4	641.2	529.5	465.7	432.6	410.9	402.6	398.8	387.3
65°	635.5	708.8	664.2	553.2	463.8	406.4	375.1	359.8	351.5	349.6	342.0
67.5°	536.6	593.3	558.9	475.3	402.6	350.3	322.8	309.4	302.4	301.8	295.4
70°	439.6	491.9	467.0	393.0	332.4	293.5	270.5	259.0	255.2	254.6	251.4
72.5°	364.3	396.8	378.3	319.6	276.3	241.8	226.5	214.4	209.9	211.2	209.3
75°	280.7	308.2	296.7	253.9	216.3	193.3	179.3	171.6	167.8	169.7	167.2
77.5°	214.4	233.5	222.0	189.5	165.2	148.0	137.2	132.1	128.2	128.2	127.0
80°	152.5	162.7	157.0	139.1	119.9	105.9	97.6	94.4	92.5	91.9	91.2
82.5°	97.6	105.9	98.9	88.0	76.6	69.5	65.7	61.2	60.0	60.6	60.0
85°	54.9	58.1	55.5	47.9	42.7	38.9	36.4	34.5	33.2	33.8	32.5
87.5°	23.6	24.2	22.3	19.8	18.5	16.6	16.6	15.3	14.0	14.0	13.4
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°	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8	1316.8
2.5°	1289.4	1284.9	1278.6	1269.0	1261.3	1249.2	1249.2	1251.1	1251.1	1250.5	1249.2
5°	1255.6	1246.0	1234.5	1221.1	1207.1	1193.1	1190.5	1185.4	1181.6	1179.0	1175.8
7.5°	1221.1	1205.2	1189.2	1170.7	1154.8	1141.4	1131.8	1123.5	1118.4	1112.7	1108.2
10°	1186.1	1165.0	1145.2	1125.4	1103.8	1086.5	1075.7	1068.0	1062.3	1057.2	1054.6
12.5°	1144.6	1119.7	1097.4	1078.9	1054.6	1036.8	1026.6	1024.0	1017.0	1004.9	998.5
15°	1104.4	1082.1	1055.9	1027.2	1015.7	994.0	981.9	976.2	972.3	964.0	961.5
17.5°	1071.2	1041.2	1011.2	990.2	969.1	951.9	944.9	937.2	932.1	924.5	922.6
20°	1029.7	1003.6	976.8	953.8	931.5	912.4	906.6	901.5	896.4	893.2	890.7
22.5°	987.6	961.5	940.4	919.4	895.1	884.3	877.9	872.2	869.0	867.1	864.5
25°	948.7	925.8	900.9	881.7	862.6	854.3	850.5	847.3	844.7	841.5	840.9
27.5°	914.3	888.7	867.7	849.2	835.2	828.1	823.7	821.8	821.8	823.0	823.7
30°	874.7	851.7	835.2	819.8	807.1	800.7	800.1	800.1	802.6	803.3	804.5
32.5°	838.3	820.5	803.9	789.2	780.3	776.5	779.6	779.6	781.6	783.5	786.0
35°	803.3	786.7	773.9	761.1	752.8	754.8	756.0	757.3	760.5	764.3	766.9
37.5°	770.1	754.8	741.4	731.2	726.1	729.9	733.1	735.6	739.5	742.6	745.2
40°	733.7	722.9	710.1	701.2	702.4	704.4	706.9	710.1	713.3	715.2	717.8
42.5°	699.9	688.4	679.5	672.5	674.4	676.9	678.2	679.5	683.3	687.1	688.4
45°	665.4	656.5	647.6	643.1	644.4	645.7	646.9	648.9	652.0	654.6	655.2
47.5°	626.5	620.1	614.4	609.3	611.9	611.2	613.1	617.0	618.2	619.5	623.3
50°	589.5	583.8	576.8	575.5	575.5	575.5	576.1	581.2	581.2	583.8	586.3
52.5°	548.7	545.5	541.7	539.1	537.8	537.8	541.0	542.9	544.2	548.0	550.6
55°	508.5	504.7	500.8	498.9	497.6	498.9	504.0	505.3	508.5	510.4	512.3
57.5°	466.4	463.8	460.6	459.4	459.4	460.0	463.8	467.0	467.7	474.0	476.6
60°	424.9	420.4	417.9	417.9	416.6	422.4	421.1	427.5	428.7	432.6	437.0
62.5°	382.2	375.8	375.1	375.1	377.7	378.3	380.9	382.8	386.6	391.7	394.9
65°	335.6	332.4	336.9	336.2	335.0	338.8	338.8	342.0	345.8	350.3	357.3
67.5°	292.2	289.7	290.9	290.3	292.2	294.8	296.7	299.2	303.7	308.8	313.3
70°	248.2	250.1	246.9	249.5	251.4	252.0	253.3	257.1	262.2	265.4	270.5
72.5°	205.4	204.8	206.1	206.7	208.6	209.9	211.2	215.6	221.4	223.9	227.8
75°	164.6	164.0	165.9	165.9	169.1	170.3	171.6	173.5	178.6	182.5	185.7
77.5°	127.6	128.2	127.6	130.2	128.9	129.5	133.3	135.3	135.9	144.2	145.5
80°	90.6	91.9	92.5	93.1	93.8	92.5	97.0	98.9	98.9	103.4	106.5
82.5°	58.7	59.3	61.2	61.9	61.9	63.8	63.2	64.4	66.4	67.6	72.1
85°	32.5	34.5	35.1	34.5	35.1	33.8	35.7	36.4	37.0	37.0	37.0
87.5°	12.8	13.4	12.8	13.4	12.8	13.4	13.4	12.1	12.1	14.0	11.5
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: P242485

CATALOG NUMBER: S123DRP-S1165D935-X4F0-XX-UDD-A-W

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°
0°	1316.8	1316.8	1316.8	1316.8
2.5°	1244.8	1244.1	1248.6	1245.4
5°	1172.0	1173.9	1167.6	1167.6
7.5°	1106.3	1103.8	1104.4	1099.9
10°	1047.0	1043.1	1041.9	1042.5
12.5°	997.8	997.8	987.6	987.6
15°	961.5	949.4	948.1	951.9
17.5°	921.3	914.3	914.9	913.6
20°	890.7	886.8	886.2	881.7
22.5°	862.6	861.9	862.6	857.5
25°	840.3	843.4	840.9	840.9
27.5°	824.9	824.9	823.0	823.0
30°	807.1	806.4	807.7	807.7
32.5°	789.2	790.5	790.5	791.1
35°	770.7	771.4	773.3	772.0
37.5°	746.5	749.7	749.0	750.3
40°	718.4	720.3	719.7	719.7
42.5°	689.7	691.0	689.0	687.8
45°	657.8	656.5	658.4	655.9
47.5°	622.7	623.3	624.0	626.5
50°	587.6	591.4	591.4	590.8
52.5°	553.2	554.4	557.6	557.6
55°	517.4	518.7	520.0	520.6
57.5°	481.1	480.4	483.0	483.6
60°	442.1	442.1	447.2	449.2
62.5°	400.7	403.2	408.3	404.5
65°	360.5	365.6	364.9	367.5
67.5°	318.4	321.6	326.7	326.7
70°	275.6	278.8	281.4	283.3
72.5°	234.1	235.4	242.4	238.6
75°	190.1	194.6	198.4	196.5
77.5°	148.0	153.8	155.0	153.1
80°	111.0	110.4	114.2	113.6
82.5°	74.0	73.4	74.6	75.3
85°	39.6	41.5	38.9	38.3
87.5°	11.5	11.5	10.8	10.2
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P242485
 CATALOG NUMBER: S123DRP-S1165D935-X4F0-XX-UDD-A-W

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	20.01	21.56	20.37	21.88	22.19	20.56	22.12	20.93	22.43	22.75
	3H	21.56	22.95	21.93	23.28	23.64	21.89	23.29	22.27	23.62	23.98
	4H	22.12	23.44	22.52	23.78	24.16	22.36	23.67	22.75	24.02	24.40
	6H	22.52	23.74	22.93	24.10	24.49	22.65	23.86	23.06	24.23	24.62
	8H	22.63	23.79	23.06	24.18	24.58	22.72	23.88	23.15	24.27	24.67
	12H	22.70	23.81	23.13	24.19	24.62	22.76	23.87	23.19	24.25	24.68
4H	2H	21.16	22.47	21.56	22.82	23.20	21.32	22.64	21.72	22.99	23.36
	3H	22.76	23.85	23.17	24.25	24.65	23.13	24.22	23.54	24.62	25.02
	4H	23.38	24.36	23.81	24.78	25.22	23.70	24.68	24.13	25.10	25.54
	6H	23.85	24.71	24.31	25.15	25.61	24.06	24.92	24.52	25.36	25.82
	8H	23.99	24.79	24.45	25.23	25.70	24.15	24.95	24.61	25.40	25.86
	12H	24.08	24.80	24.56	25.28	25.75	24.20	24.92	24.69	25.40	25.87
8H	4H	23.86	24.66	24.32	25.11	25.57	24.00	24.80	24.46	25.25	25.71
	6H	24.41	25.07	24.91	25.56	26.04	24.51	25.17	25.01	25.67	26.14
	8H	24.60	25.19	25.11	25.70	26.19	24.66	25.25	25.17	25.76	26.25
	12H	24.74	25.27	25.25	25.76	26.32	24.75	25.28	25.26	25.77	26.33
12H	4H	23.91	24.63	24.39	25.11	25.58	24.01	24.73	24.50	25.21	25.68
	6H	24.49	25.08	25.00	25.59	26.08	24.54	25.14	25.06	25.65	26.14
	8H	24.72	25.25	25.23	25.74	26.30	24.75	25.28	25.26	25.77	26.33