

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: P242313

Luminaire Tested: S122DRP-S1005D935-X4F0-XX-UDD-A-W

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2024
Report Number: P242313
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-19)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122DRP-S1005D935-X4F0-XX-UDD-A-W
Description: DEFINE 2 DIRECT RECESSED WITH ASYMMETRIC FLUSH DIFFUSER
STANDARD LIGHT ENGINE
Light Source: (92) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

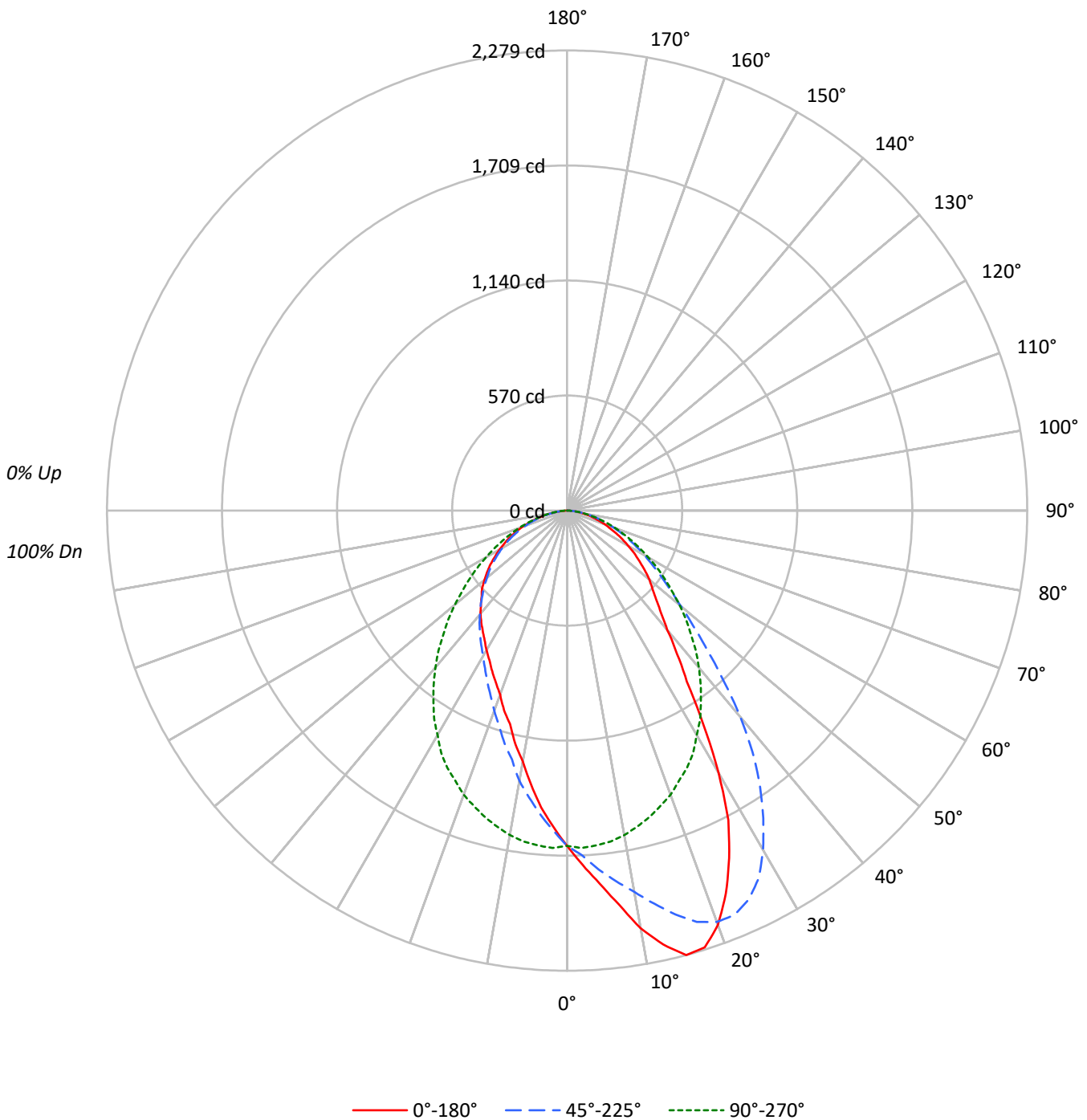
Lumens per Lamp: N/A
Luminaire Lumens: 3662.8 lumens
Efficiency: N/A
Efficacy: 89.1 lumens/watt
Spacing Criteria (0/90/45): 1.09 / 1.16 / 1.23
Luminous Opening: Rectangular (W 3.88' x L: 0.15' x H: 0')
CIE Type: Direct

Input Watts (W): 41.1
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	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	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88					86				
2	101	94	87	82	98	92	86	81	88	83	79	85	81	78	82	79	76					74				
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	74	69	66					64				
4	86	75	66	60	83	73	66	60	71	64	59	69	63	58	66	62	58					55				
5	79	67	59	53	77	66	58	52	64	57	52	62	56	51	60	55	51					49				
6	74	61	53	47	72	60	52	46	58	51	46	57	51	46	55	50	45					43				
7	69	56	48	42	67	55	47	42	54	46	41	52	46	41	51	45	41					39				
8	64	51	43	38	63	51	43	38	49	42	37	48	42	37	47	41	37					35				
9	60	47	39	34	59	47	39	34	46	39	34	45	38	34	44	38	34					32				
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	41	35	31					29				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°	135°	180°
0°	31627	31627	31627	31627	31627
5°	35455	34126	31832	28916	28208
10°	40629	37099	31571	26301	24413
15°	44947	40833	30993	23569	21567
20°	44262	43952	30371	21393	19660
25°	39911	44686	29543	19647	18453
30°	32981	42680	28223	18288	17571
35°	24037	38728	26841	17449	16944
40°	19198	33210	25213	16724	16597
45°	16777	26558	23325	15985	16122
50°	15771	21671	21499	15374	15809
55°	14535	18839	19643	14811	15386
60°	13322	16773	17672	14149	14731
65°	12138	15157	15905	13287	14094
70°	11016	13539	14179	12258	13149
75°	9766	11974	12254	10988	11650
80°	8402	10146	10146	9028	9379
85°	7540	8217	7540	6272	5573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 65°
 Vertical Angle: 45°
 Luminance: 40686 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.2	4.3
10°-20°	460.3	12.6
20°-30°	668.0	18.2
30°-40°	704.2	19.2
40°-50°	623.1	17.0
50°-60°	497.4	13.6
60°-70°	337.9	9.2
70°-80°	172.9	4.7
80°-90°	40.9	1.1
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°	1286.5	35.1
0°-40°	1990.7	54.3
0°-60°	3111.2	84.9
0°-90°	3662.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3662.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1660	1660	1660	1660	1660	
5°	1854	1785	1665	1512	1475	184
15°	2279	2071	1572	1195	1094	632
25°	1899	2126	1406	935	878	861
35°	1034	1666	1154	750	729	669
45°	623	986	866	593	598	488
55°	438	567	592	446	463	392
65°	269	336	353	295	313	267
75°	133	163	166	149	158	141
85°	34	38	34	29	26	39
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°	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4
2.5°	1756.1	1756.7	1758.0	1747.8	1746.5	1746.5	1737.6	1729.9	1721.0	1708.8	1710.1
5°	1854.3	1861.4	1863.9	1856.3	1844.8	1843.5	1832.6	1814.8	1798.2	1784.8	1775.2
7.5°	1967.9	1970.5	1965.4	1956.4	1948.8	1934.1	1916.2	1899.0	1873.5	1850.5	1833.9
10°	2100.6	2104.5	2093.6	2078.9	2066.8	2049.0	2019.6	1989.6	1953.2	1918.1	1890.1
12.5°	2201.5	2212.3	2197.6	2198.9	2175.9	2149.8	2113.4	2101.9	2047.0	1994.7	1964.1
15°	2279.3	2278.7	2280.0	2267.8	2252.5	2248.7	2211.7	2171.5	2099.4	2070.7	2020.9
17.5°	2267.8	2276.8	2281.9	2278.0	2275.5	2269.7	2253.8	2223.8	2184.2	2135.7	2076.4
20°	2183.6	2196.4	2198.3	2213.0	2221.2	2232.1	2236.6	2229.5	2207.2	2168.3	2118.5
22.5°	2053.4	2054.7	2061.7	2086.6	2107.0	2138.3	2154.9	2186.2	2181.0	2167.0	2127.4
25°	1899.0	1892.6	1915.0	1926.4	1967.9	2011.3	2042.6	2077.0	2107.7	2126.2	2114.0
27.5°	1728.0	1714.6	1748.4	1778.4	1807.8	1849.9	1897.1	1953.2	1996.0	2054.1	2068.1
30°	1499.5	1505.3	1537.2	1569.7	1620.8	1687.2	1742.0	1805.2	1873.5	1940.5	1987.1
32.5°	1253.2	1279.4	1296.6	1350.9	1394.3	1470.2	1557.0	1639.9	1729.3	1807.8	1886.2
35°	1033.7	1059.3	1087.3	1123.7	1186.9	1260.3	1338.7	1445.3	1561.4	1665.5	1751.0
37.5°	894.6	890.2	907.4	934.2	988.4	1051.6	1144.8	1253.2	1392.3	1507.8	1622.7
40°	772.1	769.6	781.0	805.3	844.2	887.6	966.7	1059.3	1186.2	1335.6	1479.1
42.5°	687.9	690.4	695.5	710.9	734.5	768.3	822.5	897.8	1011.4	1149.9	1306.8
45°	622.8	627.3	634.3	642.6	657.9	687.2	720.4	776.6	868.5	985.9	1137.7
47.5°	571.7	573.0	580.7	588.3	597.3	615.1	644.5	680.2	750.4	850.6	986.5
50°	532.2	527.7	532.8	538.6	548.1	559.6	577.5	610.7	654.1	731.3	840.4
52.5°	483.7	485.0	489.4	490.7	499.0	510.5	526.4	546.9	585.1	641.3	726.2
55°	437.7	440.9	443.5	447.3	455.0	463.3	476.0	491.3	522.0	567.3	633.6
57.5°	394.3	395.6	397.5	405.8	410.3	418.0	430.7	444.8	465.2	500.3	552.6
60°	349.7	349.7	354.8	358.0	364.4	372.0	381.6	395.0	412.9	440.3	480.5
62.5°	308.8	308.2	309.5	315.2	319.7	326.7	336.3	347.1	363.7	387.3	418.6
65°	269.3	268.0	271.8	273.1	278.2	285.2	292.9	305.0	318.4	336.3	365.6
67.5°	229.7	231.6	234.2	236.7	239.3	247.6	252.7	261.6	273.1	288.4	308.8
70°	197.8	197.8	197.8	199.7	203.6	207.4	212.5	219.5	230.4	243.1	261.0
72.5°	162.1	164.6	167.2	165.3	170.4	172.3	178.7	181.9	192.1	199.1	214.4
75°	132.7	132.7	132.7	135.9	137.8	139.7	143.6	147.4	152.5	162.7	171.0
77.5°	104.6	104.0	104.6	105.3	107.8	110.4	111.7	114.9	120.0	125.1	132.7
80°	76.6	77.8	78.5	79.8	79.8	81.0	81.7	86.1	89.3	92.5	97.0
82.5°	54.9	54.9	54.9	54.9	55.5	56.2	58.1	58.7	59.3	61.9	65.1
85°	34.5	33.8	33.8	35.1	34.5	34.5	35.7	37.0	37.0	37.6	39.6
87.5°	16.6	16.6	17.2	16.6	16.6	17.2	17.2	16.6	17.2	17.9	18.5
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°	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4
2.5°	1714.6	1709.5	1706.3	1694.8	1684.6	1674.4	1671.2	1672.5	1658.4	1645.0	1639.3
5°	1770.1	1757.3	1745.2	1728.0	1707.6	1685.2	1673.8	1664.8	1642.5	1618.2	1604.2
7.5°	1820.5	1803.9	1782.2	1751.6	1723.5	1690.3	1669.9	1652.7	1621.4	1588.9	1569.1
10°	1865.8	1840.9	1810.9	1771.4	1735.0	1692.3	1662.3	1632.3	1594.0	1553.1	1527.6
12.5°	1904.7	1869.0	1839.7	1786.1	1741.4	1685.2	1648.2	1602.9	1562.1	1511.7	1486.8
15°	1971.1	1909.2	1853.1	1795.6	1742.7	1668.0	1628.4	1571.7	1518.7	1458.7	1430.0
17.5°	2020.2	1953.2	1866.5	1796.9	1738.2	1658.4	1601.6	1534.0	1474.0	1407.7	1369.4
20°	2061.1	1981.3	1886.2	1799.5	1725.4	1631.0	1567.8	1498.3	1424.9	1347.7	1305.6
22.5°	2085.3	2000.5	1906.7	1789.9	1699.9	1608.7	1525.1	1447.2	1372.6	1287.7	1243.0
25°	2086.6	2010.0	1910.5	1785.4	1679.5	1575.5	1479.8	1405.7	1315.8	1237.9	1173.5
27.5°	2065.5	2004.9	1908.6	1776.5	1655.9	1536.6	1432.5	1351.5	1256.4	1172.2	1107.8
30°	2019.0	1987.1	1893.9	1761.2	1626.5	1495.7	1378.3	1283.2	1188.8	1103.3	1036.9
32.5°	1946.9	1946.2	1867.1	1739.5	1595.3	1444.0	1321.5	1225.2	1118.0	1034.4	971.8
35°	1848.0	1878.6	1826.9	1705.0	1554.4	1395.5	1264.1	1154.3	1045.9	965.5	906.1
37.5°	1722.2	1793.1	1772.7	1659.1	1502.1	1343.9	1200.9	1086.1	982.0	899.1	841.0
40°	1591.4	1688.4	1702.5	1604.8	1445.9	1282.0	1128.2	1014.0	913.1	839.1	780.4
42.5°	1451.1	1568.5	1613.1	1539.7	1384.7	1216.9	1063.1	943.8	844.2	772.7	722.3
45°	1290.9	1440.8	1510.4	1465.7	1315.1	1144.1	985.9	865.9	775.3	707.7	667.5
47.5°	1146.0	1308.8	1397.5	1376.4	1240.5	1070.7	914.4	797.6	707.7	652.8	615.1
50°	990.3	1158.8	1271.7	1276.9	1158.8	991.0	834.0	725.5	644.5	594.1	564.7
52.5°	855.1	1014.0	1139.7	1172.2	1067.6	908.0	761.9	654.1	585.1	539.8	514.3
55°	740.8	876.8	1013.3	1063.1	976.9	823.8	686.6	591.5	524.5	492.6	469.6
57.5°	632.4	751.7	881.2	933.5	878.7	744.0	611.3	527.7	470.9	442.2	424.3
60°	550.0	639.4	751.7	817.4	771.5	654.7	542.4	463.9	419.2	394.3	377.8
62.5°	473.5	550.0	640.7	699.4	679.6	571.1	473.5	406.5	369.5	346.5	335.6
65°	403.3	465.8	539.2	594.7	578.1	494.5	412.2	352.9	322.2	303.7	294.2
67.5°	343.3	391.2	443.5	494.5	480.5	418.6	349.0	301.2	277.6	261.0	255.2
70°	287.1	321.6	366.9	405.8	395.0	346.5	294.2	254.6	234.8	221.4	215.7
72.5°	233.5	260.3	292.3	322.2	315.9	277.6	236.1	208.7	194.6	182.5	178.0
75°	184.4	206.1	227.2	248.2	246.3	215.0	189.5	166.5	154.4	144.9	142.9
77.5°	144.2	157.6	172.9	186.3	183.1	162.7	141.7	127.6	118.0	111.7	111.0
80°	104.0	111.0	121.2	130.2	125.7	118.0	102.1	92.5	86.1	79.8	77.2
82.5°	68.3	75.3	80.4	84.2	81.0	74.0	65.7	60.0	56.8	53.0	52.3
85°	39.6	43.4	45.9	47.2	45.9	41.5	37.0	34.5	31.3	29.4	28.7
87.5°	19.1	19.1	19.1	20.4	18.5	18.5	16.0	14.0	13.4	12.8	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



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4	1660.4
2.5°	1632.9	1629.1	1615.7	1608.7	1597.2	1586.3	1579.3	1582.5	1585.1	1583.8	1581.9
5°	1591.4	1579.3	1560.8	1544.9	1533.4	1512.3	1503.4	1498.9	1495.1	1490.6	1486.1
7.5°	1545.5	1528.3	1502.1	1481.7	1461.3	1434.5	1421.1	1413.4	1405.1	1395.5	1386.6
10°	1495.7	1468.9	1440.8	1408.9	1383.4	1359.8	1338.7	1324.7	1311.9	1299.8	1290.9
12.5°	1443.4	1411.5	1375.1	1328.5	1299.8	1263.4	1264.7	1237.3	1215.6	1209.2	1198.4
15°	1387.2	1343.9	1299.8	1248.1	1225.8	1195.2	1176.0	1156.9	1139.7	1127.5	1124.3
17.5°	1326.0	1267.9	1225.2	1186.9	1150.5	1119.2	1102.6	1087.3	1072.7	1054.8	1054.2
20°	1253.9	1205.4	1157.5	1125.0	1087.3	1055.4	1033.7	1018.4	1006.3	996.7	988.4
22.5°	1185.6	1131.4	1088.6	1052.2	1015.2	991.0	975.0	960.3	950.8	939.9	932.3
25°	1111.6	1070.1	1022.2	982.0	951.4	934.8	920.8	908.0	901.6	894.6	885.7
27.5°	1048.4	1002.5	955.2	924.0	895.9	881.2	870.4	860.8	855.1	850.6	844.9
30°	980.8	934.2	899.1	868.5	846.1	831.5	825.1	820.0	812.9	810.4	807.8
32.5°	915.7	874.8	846.1	820.6	799.5	791.3	785.5	781.0	775.9	773.4	767.6
35°	855.1	820.0	790.6	775.9	758.7	750.4	745.9	739.6	734.5	731.9	731.3
37.5°	797.0	765.1	745.3	725.5	717.2	712.8	706.4	701.9	700.0	699.4	698.7
40°	740.8	716.0	698.7	683.4	680.2	672.6	667.5	663.6	663.6	664.3	663.6
42.5°	689.8	668.1	653.4	640.7	636.8	633.0	627.9	628.5	629.8	632.4	629.8
45°	638.1	622.2	611.3	604.9	597.9	593.4	592.8	594.7	595.4	596.0	597.9
47.5°	589.6	579.4	569.2	561.5	558.3	557.7	556.4	559.6	562.8	563.4	566.6
50°	547.5	535.4	527.1	522.6	520.1	518.8	520.1	523.9	526.4	529.6	531.5
52.5°	500.3	492.6	487.5	484.3	483.7	485.0	485.0	489.4	493.9	494.5	495.2
55°	457.5	451.1	449.9	444.1	446.7	446.0	449.2	451.8	455.6	459.4	460.1
57.5°	414.1	408.4	404.6	405.2	405.8	408.4	410.9	415.4	419.9	424.3	424.3
60°	370.7	368.2	366.3	366.3	367.5	371.4	374.6	379.0	381.6	384.1	386.1
62.5°	331.2	328.6	326.7	328.0	331.8	333.7	337.6	339.5	342.0	344.6	345.2
65°	289.1	287.8	289.7	291.0	291.6	294.8	299.3	301.2	303.7	305.0	309.5
67.5°	250.8	250.8	250.1	252.1	255.9	256.5	261.0	266.1	266.1	268.6	271.8
70°	211.9	213.1	214.4	215.7	218.9	220.1	223.3	225.3	227.8	229.7	231.6
72.5°	176.1	176.1	177.4	176.8	179.3	182.5	185.1	187.0	189.5	192.1	194.0
75°	141.0	141.0	142.3	142.9	146.1	149.3	148.7	150.0	152.5	155.1	156.3
77.5°	109.1	107.8	109.1	109.8	111.0	113.6	114.2	116.1	119.3	118.7	120.0
80°	78.5	76.6	78.5	79.1	79.1	82.3	82.3	83.6	85.5	83.6	85.5
82.5°	50.4	49.8	51.0	51.0	52.3	51.7	53.0	53.0	54.9	54.2	54.9
85°	28.1	27.4	28.1	27.4	28.1	28.7	28.7	28.1	28.1	29.4	27.4
87.5°	10.8	10.2	9.6	9.6	8.9	8.3	7.7	7.7	7.7	6.4	6.4
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: P242313

CATALOG NUMBER: S122DRP-S1005D935-X4F0-XX-UDD-A-W

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°
0°	1660.4	1660.4	1660.4	1660.4
2.5°	1575.5	1574.2	1574.2	1568.5
5°	1477.2	1475.3	1472.1	1475.3
7.5°	1384.1	1375.8	1374.5	1368.1
10°	1280.0	1274.9	1274.3	1262.2
12.5°	1200.9	1186.9	1190.1	1184.3
15°	1107.1	1107.1	1104.6	1093.7
17.5°	1040.1	1039.5	1033.7	1037.6
20°	981.4	977.6	969.9	969.9
22.5°	925.9	926.5	918.2	921.4
25°	885.1	879.9	876.1	878.0
27.5°	842.9	841.0	840.4	834.6
30°	807.2	800.8	802.1	798.9
32.5°	766.4	765.1	763.2	760.6
35°	730.0	730.6	727.4	728.7
37.5°	697.4	700.0	698.1	698.1
40°	665.5	665.5	665.5	667.5
42.5°	634.9	633.6	632.4	631.7
45°	599.2	601.1	601.7	598.5
47.5°	567.9	568.6	567.9	571.7
50°	534.7	533.5	534.7	533.5
52.5°	499.6	500.3	499.0	499.0
55°	462.6	463.9	463.3	463.3
57.5°	425.0	425.6	426.9	423.7
60°	385.4	388.6	388.0	386.7
62.5°	349.0	349.7	349.7	349.7
65°	311.4	312.7	310.8	312.7
67.5°	270.6	271.2	272.5	273.1
70°	232.9	232.3	234.2	236.1
72.5°	193.3	195.3	194.0	195.3
75°	155.1	157.0	156.3	158.3
77.5°	118.7	119.3	119.3	120.0
80°	85.5	84.2	83.0	85.5
82.5°	53.0	54.2	53.0	52.3
85°	27.4	26.8	25.5	25.5
87.5°	6.4	5.7	5.7	5.1
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P242313
 CATALOG NUMBER: S122DRP-S1005D935-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	20.30	21.81	20.66	22.13	22.44	23.55	25.07	23.92	25.38	25.69
	3H	21.70	23.06	22.08	23.39	23.75	24.56	25.92	24.94	26.25	26.61
	4H	22.21	23.48	22.61	23.83	24.21	24.88	26.15	25.28	26.50	26.88
	6H	22.56	23.74	22.97	24.11	24.50	25.07	26.25	25.49	26.62	27.01
	8H	22.67	23.80	23.10	24.19	24.59	25.12	26.24	25.54	26.63	27.03
	12H	22.75	23.82	23.18	24.20	24.63	25.13	26.21	25.57	26.59	27.02
4H	2H	21.16	22.43	21.56	22.78	23.16	23.76	25.04	24.16	25.39	25.76
	3H	22.71	23.77	23.12	24.17	24.57	25.10	26.16	25.51	26.56	26.96
	4H	23.30	24.26	23.73	24.67	25.11	25.61	26.56	26.04	26.98	27.42
	6H	23.75	24.58	24.21	25.02	25.48	25.94	26.77	26.40	27.21	27.67
	8H	23.89	24.66	24.35	25.11	25.58	26.02	26.79	26.48	27.24	27.70
	12H	23.99	24.68	24.47	25.16	25.63	26.06	26.75	26.54	27.23	27.70
8H	4H	23.74	24.51	24.20	24.95	25.42	25.73	26.51	26.20	26.95	27.42
	6H	24.27	24.91	24.77	25.40	25.88	26.17	26.81	26.67	27.30	27.78
	8H	24.46	25.03	24.98	25.54	26.03	26.31	26.88	26.82	27.39	27.88
	12H	24.62	25.13	25.13	25.62	26.18	26.40	26.90	26.91	27.40	27.96
12H	4H	23.79	24.48	24.27	24.96	25.43	25.73	26.42	26.21	26.90	27.37
	6H	24.34	24.92	24.86	25.43	25.92	26.17	26.75	26.69	27.26	27.75
	8H	24.59	25.10	25.10	25.59	26.15	26.35	26.86	26.86	27.35	27.92