

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: P242415

Luminaire Tested: S122RDRP-S865D935-X4F0-XX-UDD-A-W

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2024
Report Number: P242415
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-29)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S122RDRP-S865D935-X4F0-XX-UDD-A-W
Description: DEFINE 2 REGRESSED DIRECT RECESSED WITH ASYMMETRIC FLUSH DIFFUSER
STANDARD LIGHT ENGINE
Light Source: (92) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

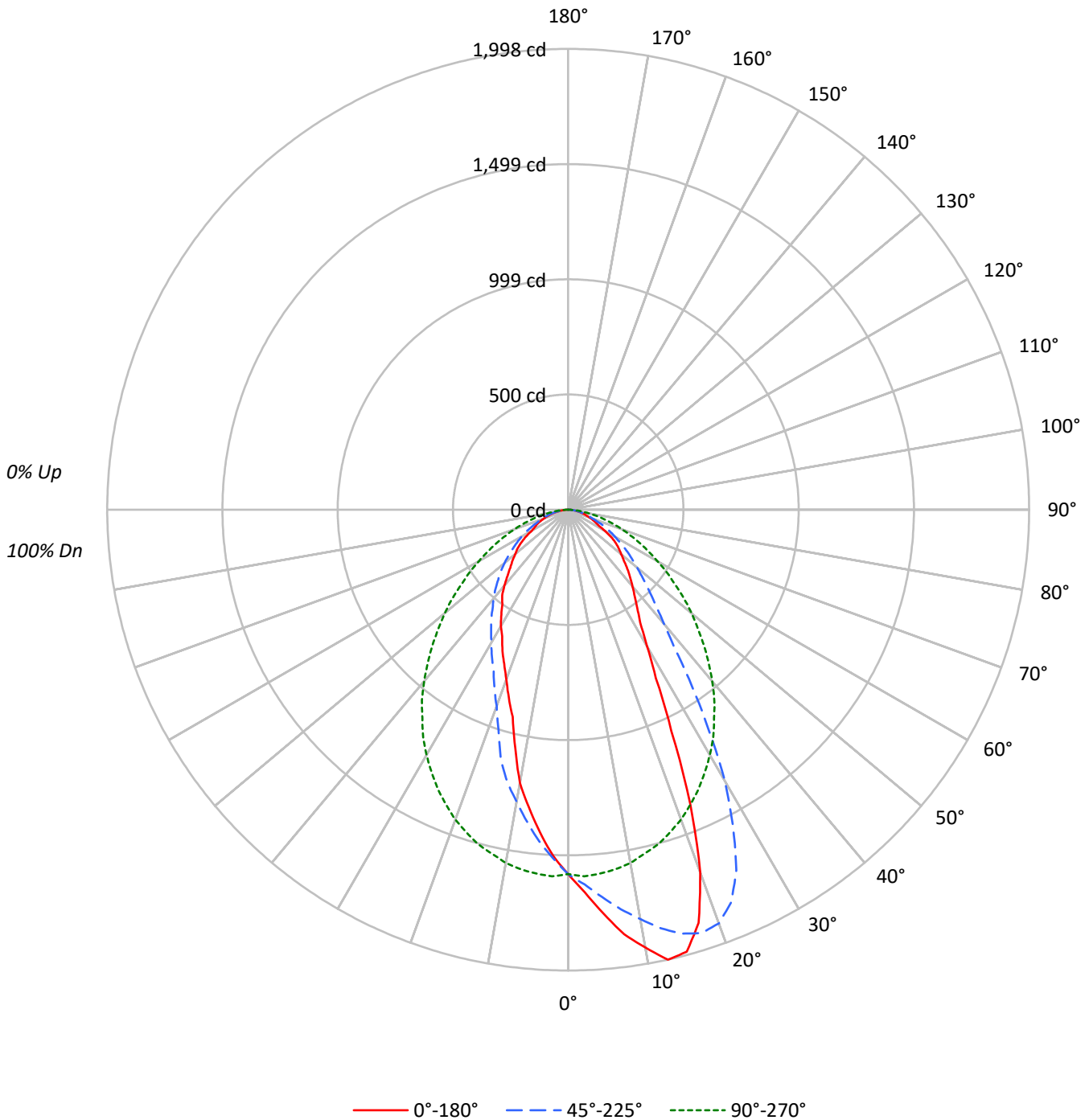
Lumens per Lamp: N/A
Luminaire Lumens: 2730.4 lumens
Efficiency: N/A
Efficacy: 78.5 lumens/watt
Spacing Criteria (0/90/45): 0.85 / 1.16 / 1.02
Luminous Opening: Rectangular (W 3.88' x L: 0.15' x H: 0')
CIE Type: Direct

Input Watts (W): 34.8
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

TEST NUMBER: P242415

CATALOG NUMBER: S122RDRP-S865D935-X4F0-XX-UDD-A-W

Luminous Intensity Polar Plot



TEST NUMBER: P242415

CATALOG NUMBER: S122RDRP-S865D935-X4F0-XX-UDD-A-W

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	111	106	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	72	92	84	77	72	81	75	71	78	73	69	76	72	68					66				
4	87	77	69	63	85	76	68	63	73	67	62	71	66	61	69	64	60					59				
5	81	70	62	56	79	69	61	56	67	60	55	65	59	55	63	58	54					52				
6	76	64	56	50	74	63	55	50	61	54	49	60	54	49	58	53	49					47				
7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44					42				
8	66	54	46	41	65	53	46	41	52	45	41	51	45	40	50	44	40					39				
9	62	50	43	38	61	50	42	37	49	42	37	47	41	37	47	41	37					35				
10	59	47	39	35	58	46	39	35	45	39	34	44	38	34	44	38	34					33				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°	135°	180°
0°	30097	30097	30097	30097	30097
5°	33614	32228	30285	27598	26853
10°	37294	34861	30072	24869	23278
15°	39128	37525	29633	22183	18339
20°	33920	38684	28980	18373	15869
25°	22246	36244	28085	16084	14170
30°	14974	29838	27000	14648	12825
35°	12129	21793	25634	13508	11566
40°	10784	16013	24149	12465	10702
45°	9762	13310	22407	11551	9555
50°	8884	11536	20678	10674	8851
55°	8352	10212	18760	9644	8242
60°	6987	8888	17006	8846	6903
65°	5891	7919	15441	7869	6679
70°	5441	6299	13789	6939	6299
75°	5093	5696	12003	6543	5821
80°	4695	5177	9872	5726	5177
85°	4327	4437	7802	4568	4568

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 70°
 Vertical Angle: 45°
 Luminance: 32640 cd/sqm



TEST NUMBER: P242415

CATALOG NUMBER: S122RDRP-S865D935-X4F0-XX-UDD-A-W

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.9	5.5
10°-20°	418.3	15.3
20°-30°	538.4	19.7
30°-40°	510.7	18.7
40°-50°	437.6	16.0
50°-60°	333.4	12.2
60°-70°	210.3	7.7
70°-80°	104.9	3.8
80°-90°	27.0	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°	1106.6	40.5
0°-40°	1617.3	59.2
0°-60°	2388.3	87.5
0°-90°	2730.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2730.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1580	1580	1580	1580	1580	
5°	1758	1686	1584	1443	1404	173
15°	1984	1903	1503	1125	930	539
25°	1058	1724	1336	765	674	500
35°	522	937	1102	581	497	332
45°	362	494	832	429	355	280
55°	252	308	565	290	248	221
65°	131	176	343	175	148	132
75°	69	77	163	89	79	73
85°	20	20	36	21	21	22
90°	0	0	0	0	0	



TEST NUMBER: P242415

CATALOG NUMBER: S122RDRP-S865D935-X4F0-XX-UDD-A-W

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1
2.5°	1660.2	1661.9	1663.5	1659.7	1659.7	1656.4	1649.3	1643.8	1628.4	1626.2	1626.2
5°	1758.0	1756.9	1759.1	1751.9	1742.1	1739.9	1729.4	1715.7	1701.4	1685.5	1682.2
7.5°	1856.8	1850.2	1847.5	1850.8	1840.3	1826.1	1808.5	1792.0	1767.3	1747.0	1734.4
10°	1928.2	1946.3	1935.3	1916.1	1919.9	1894.1	1880.4	1856.8	1837.0	1802.4	1794.8
12.5°	1998.4	2002.8	2001.2	1992.4	1985.3	1969.3	1949.6	1929.8	1889.2	1859.0	1827.1
15°	1984.2	1994.6	1997.3	1994.1	1996.8	1995.7	1985.8	1968.8	1937.0	1902.9	1873.3
17.5°	1878.8	1890.8	1900.7	1909.5	1923.2	1950.1	1958.4	1961.7	1948.5	1924.3	1899.6
20°	1673.4	1661.3	1711.9	1737.7	1759.6	1814.5	1861.7	1879.9	1909.0	1908.4	1902.9
22.5°	1382.4	1389.0	1436.2	1468.1	1542.8	1597.7	1653.1	1733.8	1797.0	1843.6	1872.2
25°	1058.5	1079.4	1127.1	1168.9	1240.2	1342.4	1435.1	1542.8	1644.3	1724.5	1800.8
27.5°	823.5	826.3	869.7	911.9	955.8	1044.2	1168.3	1297.3	1442.3	1546.6	1678.4
30°	680.8	677.5	693.4	717.0	753.3	818.0	905.9	1032.2	1176.6	1356.6	1517.0
32.5°	579.8	580.9	591.8	607.8	636.3	674.7	728.0	824.6	959.1	1135.4	1330.3
35°	521.6	521.0	529.8	542.4	555.1	583.1	624.2	678.0	771.9	937.2	1129.3
37.5°	473.3	476.0	479.8	488.1	503.5	519.9	545.7	583.6	655.0	757.7	930.0
40°	433.7	434.8	440.9	447.5	455.7	467.8	488.1	517.2	566.0	644.0	762.0
42.5°	397.5	398.6	402.4	408.5	414.5	426.6	442.5	466.7	504.0	560.6	652.8
45°	362.4	362.4	366.2	368.9	376.1	387.1	400.8	421.6	449.1	494.1	558.9
47.5°	328.3	328.3	331.1	336.0	340.9	349.7	364.0	381.6	401.3	438.1	495.8
50°	299.8	300.3	302.0	305.8	308.6	316.2	326.7	341.5	362.4	389.3	435.4
52.5°	276.7	276.2	278.4	279.5	281.1	286.0	293.2	305.8	323.9	346.4	382.7
55°	251.5	249.3	252.6	255.3	256.9	259.1	263.5	271.8	287.7	307.5	336.0
57.5°	221.8	220.7	222.4	225.1	230.0	235.5	238.3	243.8	252.0	267.4	297.6
60°	183.4	183.4	188.3	190.0	196.0	203.7	211.4	215.8	224.0	233.3	254.2
62.5°	149.3	149.9	151.5	153.2	155.9	165.8	177.3	188.3	196.0	204.8	216.9
65°	130.7	131.8	131.8	132.9	135.1	137.3	141.6	149.3	163.1	175.7	186.1
67.5°	114.2	114.2	114.7	115.8	116.4	119.1	120.8	124.6	127.4	141.6	155.9
70°	97.7	99.4	98.8	99.9	100.5	101.6	103.8	105.4	110.4	113.1	120.8
72.5°	82.4	83.5	83.5	84.0	85.6	85.6	87.3	88.9	91.7	93.9	97.2
75°	69.2	68.6	69.2	70.3	70.8	71.4	71.4	73.6	75.2	77.4	80.2
77.5°	56.0	56.5	56.5	56.5	56.5	57.6	57.6	58.7	60.4	61.5	63.1
80°	42.8	43.4	42.8	43.4	43.9	44.5	43.9	44.5	46.1	47.2	47.2
82.5°	30.7	30.7	31.3	31.3	31.3	31.3	32.4	32.4	33.5	32.9	33.5
85°	19.8	19.2	19.2	19.2	19.8	20.3	19.8	19.8	20.3	20.3	20.3
87.5°	8.8	9.3	9.3	9.3	9.3	9.3	9.3	9.9	9.3	9.9	9.3
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: P242415

CATALOG NUMBER: S122RDRP-S865D935-X4F0-XX-UDD-A-W

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1
2.5°	1627.3	1622.9	1619.1	1609.2	1604.2	1593.3	1591.6	1591.1	1576.8	1563.1	1559.2
5°	1673.4	1664.6	1651.5	1636.1	1620.2	1603.7	1592.7	1583.9	1562.0	1541.1	1529.0
7.5°	1719.0	1703.1	1682.2	1655.9	1633.3	1607.0	1588.9	1572.4	1542.2	1514.8	1496.6
10°	1771.1	1740.4	1710.2	1670.1	1638.8	1608.1	1579.5	1554.8	1519.7	1480.2	1452.2
12.5°	1803.5	1769.0	1724.5	1685.5	1642.7	1601.5	1560.9	1527.4	1484.6	1443.4	1408.8
15°	1832.1	1795.9	1745.3	1689.3	1637.2	1586.1	1542.2	1502.7	1448.9	1400.0	1359.4
17.5°	1858.4	1808.5	1756.3	1691.5	1633.9	1571.9	1516.4	1467.0	1408.2	1350.6	1304.5
20°	1870.0	1820.6	1758.0	1693.2	1621.8	1545.5	1484.6	1429.7	1365.4	1301.2	1246.3
22.5°	1862.8	1827.1	1755.8	1675.1	1601.5	1520.8	1450.0	1384.1	1311.1	1245.2	1179.3
25°	1825.5	1812.3	1746.4	1661.9	1578.4	1485.7	1406.0	1336.3	1255.1	1184.8	1115.6
27.5°	1756.9	1776.1	1729.4	1637.7	1547.7	1447.8	1361.0	1282.5	1199.6	1121.1	1051.9
30°	1648.2	1713.5	1695.9	1612.5	1508.7	1411.0	1310.5	1227.6	1137.6	1056.3	988.2
32.5°	1499.4	1618.0	1643.8	1577.3	1469.2	1359.4	1252.9	1170.5	1075.5	988.8	922.9
35°	1339.6	1501.0	1575.1	1530.7	1423.1	1307.2	1198.5	1102.4	1008.0	923.5	857.6
37.5°	1150.2	1365.4	1479.6	1474.7	1372.0	1254.0	1135.9	1040.9	943.8	860.3	791.7
40°	966.8	1205.1	1366.0	1401.7	1318.2	1188.1	1068.4	971.2	876.8	795.5	713.7
42.5°	802.1	1039.3	1246.3	1314.9	1252.9	1123.9	1003.6	900.9	809.8	734.0	650.0
45°	675.3	882.8	1100.8	1211.7	1174.9	1055.2	928.4	831.8	745.6	679.1	599.0
47.5°	584.7	735.7	954.8	1099.7	1095.3	981.7	855.4	762.6	681.3	619.8	551.8
50°	509.5	636.9	815.3	985.5	999.8	908.1	789.5	697.8	623.1	557.8	505.7
52.5°	442.0	541.3	697.3	858.7	905.9	829.6	715.4	632.5	560.6	501.8	459.0
55°	384.9	466.1	588.0	740.6	802.1	746.1	644.0	564.9	506.2	455.7	417.3
57.5°	334.9	398.6	500.2	628.1	697.8	659.9	572.6	507.3	455.1	407.9	377.2
60°	288.2	338.2	421.1	523.8	602.8	578.1	506.2	446.4	403.5	364.0	335.5
62.5°	244.3	285.5	353.6	432.1	502.9	496.3	440.9	393.1	356.9	321.7	298.7
65°	203.7	235.0	290.4	355.8	414.0	418.9	376.6	342.6	309.1	280.6	259.1
67.5°	168.6	190.0	231.7	289.3	333.8	349.2	320.6	293.2	265.7	242.7	223.5
70°	136.7	153.2	181.7	226.2	266.3	282.7	267.9	247.6	224.6	206.4	190.5
72.5°	104.3	120.2	139.5	169.1	202.0	220.2	217.4	204.2	186.7	172.4	157.6
75°	83.5	88.4	102.7	124.6	151.5	166.9	170.7	163.1	148.2	136.7	127.9
77.5°	64.8	68.1	75.8	88.9	107.6	121.3	127.4	126.3	115.3	107.6	99.4
80°	49.4	51.1	54.4	59.3	72.5	86.2	90.0	90.0	82.9	80.2	71.9
82.5°	34.6	35.7	37.3	39.5	43.9	55.5	59.8	60.9	57.1	53.3	47.2
85°	21.4	20.9	22.0	23.6	24.7	28.0	34.6	35.7	34.6	30.2	28.5
87.5°	9.3	9.9	9.9	9.3	9.9	10.4	13.2	15.9	13.7	12.1	11.0
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: P242415

CATALOG NUMBER: S122RDRP-S865D935-X4F0-XX-UDD-A-W

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1	1580.1
2.5°	1552.1	1548.2	1541.1	1530.1	1523.5	1512.0	1504.3	1508.7	1509.8	1508.7	1507.6
5°	1515.9	1504.3	1488.4	1473.0	1458.8	1443.4	1434.6	1430.8	1423.1	1418.7	1416.5
7.5°	1474.7	1457.7	1435.1	1410.4	1387.4	1365.4	1355.5	1347.9	1333.6	1325.9	1318.8
10°	1427.5	1396.2	1373.7	1338.5	1317.1	1285.8	1264.4	1264.9	1243.5	1231.5	1222.7
12.5°	1375.3	1340.2	1299.0	1268.2	1236.4	1212.8	1185.9	1172.7	1149.7	1138.1	1110.7
15°	1316.6	1276.5	1236.9	1194.1	1163.9	1124.9	1087.6	1042.0	1005.3	973.4	964.6
17.5°	1254.0	1204.6	1165.6	1121.7	1074.4	1003.6	957.5	929.5	907.5	891.1	877.9
20°	1189.2	1138.7	1096.4	1020.6	950.9	906.4	874.6	854.3	831.2	813.1	803.2
22.5°	1121.1	1067.8	1006.4	919.6	869.1	835.6	808.2	784.0	770.3	757.1	748.3
25°	1057.4	999.8	904.8	846.6	802.7	765.3	745.6	731.3	714.8	695.6	686.8
27.5°	991.0	899.3	827.4	785.1	740.1	716.5	699.5	675.8	661.0	653.9	644.0
30°	914.7	823.0	769.7	722.5	692.9	666.0	645.1	633.0	618.7	603.9	597.9
32.5°	829.6	760.9	710.4	673.1	642.9	620.9	605.6	584.2	574.8	567.1	552.9
35°	762.0	706.6	659.9	628.1	599.5	580.9	561.7	550.1	531.5	523.8	518.8
37.5°	700.6	652.2	617.1	582.0	560.0	538.0	527.1	507.8	500.7	488.6	478.7
40°	650.0	602.8	569.3	541.9	516.6	501.3	486.4	471.6	459.5	454.6	442.0
42.5°	598.4	562.2	528.7	498.0	483.1	466.7	446.9	437.0	424.4	415.6	409.0
45°	551.8	517.7	489.2	464.5	445.8	428.8	416.7	398.6	391.5	375.5	368.9
47.5°	510.6	477.7	450.2	426.0	407.4	397.5	379.9	364.0	354.1	343.1	333.8
50°	466.1	439.8	413.4	392.6	376.1	360.2	342.0	334.9	317.3	312.4	307.5
52.5°	425.5	400.8	377.2	356.9	340.4	325.0	309.6	299.8	289.3	284.4	281.1
55°	388.2	364.0	340.9	322.8	306.4	290.4	280.6	269.0	263.5	259.7	255.3
57.5°	349.7	327.8	309.6	291.0	274.5	261.3	249.3	242.7	237.2	232.8	226.7
60°	313.5	292.6	276.7	259.7	242.7	232.2	223.5	215.2	208.6	200.9	198.7
62.5°	275.1	257.5	243.2	226.7	212.5	203.1	194.9	187.2	179.0	166.9	163.6
65°	240.5	226.2	210.8	197.1	183.9	174.6	162.5	153.7	150.4	149.3	148.8
67.5°	208.6	194.9	181.7	167.5	155.4	144.9	137.8	136.7	134.5	134.0	132.3
70°	176.8	164.2	151.0	137.8	126.3	124.6	122.4	120.2	117.5	116.4	115.3
72.5°	148.2	135.1	121.9	112.0	108.7	106.5	104.3	102.1	100.5	99.4	98.8
75°	118.0	106.0	97.2	93.3	90.6	88.9	85.6	84.0	82.9	81.3	80.7
77.5°	90.0	82.4	78.0	75.8	72.5	70.8	68.6	67.0	65.3	65.3	64.2
80°	64.8	61.5	58.7	55.5	54.4	52.2	51.6	50.0	50.5	48.9	48.9
82.5°	46.7	42.3	40.1	39.0	37.9	36.2	35.7	35.1	35.1	34.0	34.0
85°	25.8	24.7	23.6	22.5	22.5	20.9	21.4	20.9	20.9	19.8	19.2
87.5°	10.4	9.9	8.8	8.8	8.8	8.2	8.2	7.7	7.7	7.7	7.1
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: P242415

CATALOG NUMBER: S122RDRP-S865D935-X4F0-XX-UDD-A-W

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°
0°	1580.1	1580.1	1580.1	1580.1
2.5°	1501.6	1502.7	1501.0	1502.1
5°	1413.7	1407.1	1406.0	1404.4
7.5°	1310.0	1309.4	1306.1	1302.3
10°	1210.6	1207.9	1207.3	1203.5
12.5°	1094.2	1072.8	1070.6	1059.6
15°	951.5	948.2	937.2	930.0
17.5°	871.8	860.9	857.0	855.4
20°	795.5	785.7	784.0	782.9
22.5°	742.8	732.4	727.5	723.6
25°	681.3	677.5	675.3	674.2
27.5°	633.0	623.1	622.0	619.3
30°	592.9	590.2	586.4	583.1
32.5°	545.7	543.5	540.2	539.1
35°	513.3	505.7	502.4	497.4
37.5°	477.7	473.3	467.8	470.0
40°	434.8	432.1	431.0	430.4
42.5°	400.8	392.0	388.7	388.7
45°	366.2	359.1	354.1	354.7
47.5°	328.9	329.4	326.1	327.2
50°	303.6	300.3	298.1	298.7
52.5°	279.5	276.7	275.1	277.8
55°	252.6	249.3	248.7	248.2
57.5°	223.5	221.8	219.1	217.4
60°	191.6	187.2	181.7	181.2
62.5°	162.5	162.5	162.5	162.5
65°	147.7	147.1	147.7	148.2
67.5°	132.3	131.2	130.1	130.7
70°	114.2	113.6	113.1	113.1
72.5°	96.6	96.6	96.1	95.5
75°	80.2	79.1	79.1	79.1
77.5°	64.2	63.7	63.1	62.6
80°	48.3	47.8	47.2	47.2
82.5°	34.0	33.5	33.5	32.9
85°	19.8	20.3	19.8	20.9
87.5°	7.1	6.6	7.1	6.6
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P242415
 CATALOG NUMBER: S122RDRP-S865D935-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	17.36	18.81	17.73	19.13	19.44	23.26	24.71	23.63	25.03	25.34
	3H	18.47	19.77	18.85	20.10	20.46	24.42	25.72	24.80	26.05	26.41
	4H	18.93	20.15	19.33	20.49	20.87	24.81	26.03	25.22	26.38	26.76
	6H	19.30	20.42	19.71	20.79	21.18	25.08	26.20	25.49	26.57	26.96
	8H	19.42	20.48	19.85	20.87	21.28	25.15	26.22	25.58	26.61	27.01
	12H	19.50	20.52	19.93	20.90	21.33	25.19	26.21	25.62	26.59	27.02
4H	2H	18.07	19.29	18.47	19.64	20.02	23.23	24.44	23.63	24.79	25.17
	3H	19.34	20.35	19.75	20.75	21.15	24.52	25.53	24.93	25.93	26.33
	4H	19.89	20.80	20.33	21.21	21.65	25.02	25.92	25.45	26.34	26.78
	6H	20.36	21.15	20.82	21.59	22.05	25.40	26.19	25.86	26.63	27.09
	8H	20.52	21.26	20.99	21.70	22.17	25.52	26.25	25.98	26.69	27.16
	12H	20.64	21.29	21.13	21.77	22.25	25.59	26.24	26.08	26.72	27.20
8H	4H	20.24	20.97	20.70	21.41	21.88	25.00	25.73	25.47	26.18	26.65
	6H	20.81	21.41	21.30	21.90	22.38	25.43	26.03	25.93	26.52	27.00
	8H	21.03	21.57	21.55	22.08	22.57	25.58	26.12	26.09	26.63	27.12
	12H	21.22	21.69	21.73	22.19	22.75	25.70	26.18	26.21	26.67	27.24
12H	4H	20.28	20.93	20.76	21.41	21.88	24.98	25.63	25.46	26.11	26.58
	6H	20.87	21.41	21.38	21.92	22.41	25.40	25.94	25.92	26.45	26.94
	8H	21.15	21.62	21.66	22.12	22.68	25.58	26.06	26.10	26.55	27.12