

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: P242661

Luminaire Tested: S124DRP-S1020D940-X4F0-XX-UDD-A-W

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2024
Report Number: P242661
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-21)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124DRP-S1020D940-X4F0-XX-UDD-A-W
Description: DEFINE 4 DIRECT RECESSED WITH ASYMMETRIC FLUSH DIFFUSER
STANDARD LIGHT ENGINE
Light Source: (92) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

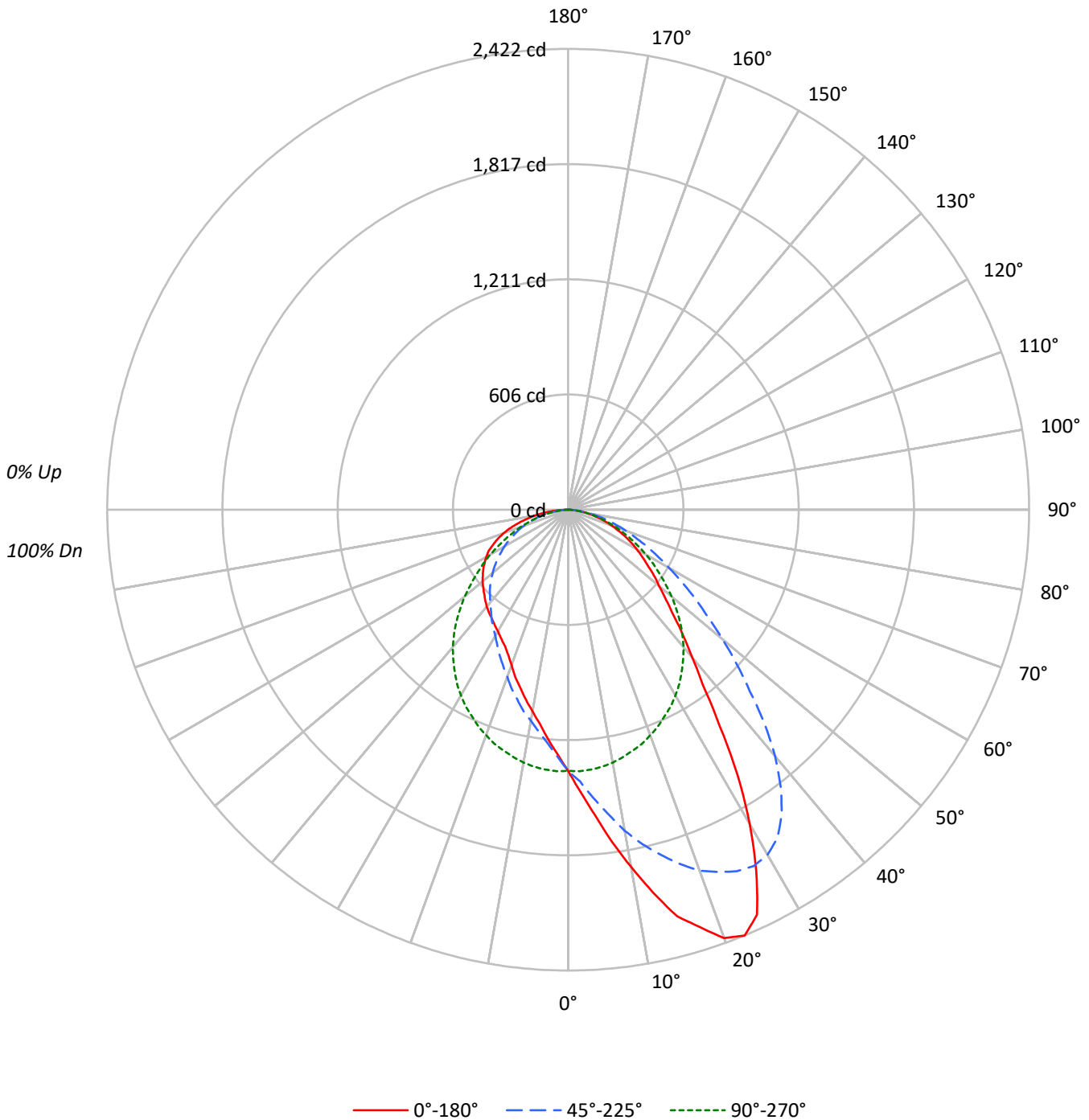
Lumens per Lamp: N/A
Luminaire Lumens: 3787.4 lumens
Efficiency: N/A
Efficacy: 108.8 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.22 / 1.41
Luminous Opening: Rectangular (W 3.88' x L: 0.31' x H: 0')
CIE Type: Direct

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

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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	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	85					85			
2	100	92	86	80	98	90	84	79	87	82	78	84	79	76	81	77	74	72					72			
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	62					62			
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53					53			
5	78	65	57	50	76	64	56	50	62	55	50	60	54	49	58	53	49	46					46			
6	72	59	51	44	70	58	50	44	56	49	44	55	48	43	53	47	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	40	35	45	39	35	33					33			
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30					30			
10	55	42	34	29	54	41	34	29	40	34	29	39	33	29	39	33	29	27					27			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°	135°	180°
0°	12200	12200	12200	12200	12200
5°	14368	13571	12231	10994	10796
10°	17203	15463	12178	10171	9720
15°	20354	17272	12055	9502	8926
20°	22665	19094	11929	8842	8218
25°	23031	20561	11744	8326	7730
30°	19597	21488	11567	7861	7575
35°	15067	21218	11279	7608	7576
40°	11744	19608	10939	7396	7719
45°	9793	16968	10429	7305	7848
50°	8618	14632	9805	7170	8115
55°	7894	12592	9058	7040	8441
60°	7399	10896	8389	6864	8834
65°	6888	9520	7641	6638	9160
70°	6295	8408	6900	6458	9369
75°	5626	7243	6072	6034	9256
80°	4715	5882	4976	5503	8963
85°	3478	4467	3600	5099	8577

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 55°
 Vertical Angle: 45°
 Luminance: 18733 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.6	3.5
10°-20°	412.3	10.9
20°-30°	655.0	17.3
30°-40°	727.8	19.2
40°-50°	661.9	17.5
50°-60°	540.9	14.3
60°-70°	386.1	10.2
70°-80°	212.4	5.6
80°-90°	57.4	1.5
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°	1200.9	31.7
0°-40°	1928.7	50.9
0°-60°	3131.5	82.7
0°-90°	3787.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3787.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1372	1372	1372	1372	1372	
5°	1610	1521	1371	1232	1210	163
15°	2212	1877	1310	1032	970	625
25°	2348	2096	1197	849	788	1042
35°	1388	1955	1039	701	698	879
45°	779	1350	830	581	624	612
55°	509	812	584	454	545	460
65°	328	453	363	316	436	324
75°	164	211	177	176	270	174
85°	34	44	35	50	84	42
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°	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5
2.5°	1482.9	1482.3	1476.6	1475.5	1471.5	1466.4	1465.2	1456.1	1437.9	1429.4	1427.1
5°	1610.2	1621.6	1606.8	1604.0	1602.3	1583.5	1573.8	1562.5	1536.3	1520.9	1509.0
7.5°	1759.2	1759.8	1753.5	1747.2	1736.4	1720.5	1698.9	1673.9	1643.8	1613.1	1591.5
10°	1905.9	1910.4	1903.0	1901.9	1872.9	1854.7	1818.3	1787.6	1752.4	1713.1	1677.3
12.5°	2060.5	2051.4	2048.6	2018.5	2019.0	1982.1	1938.3	1906.4	1847.3	1800.7	1750.1
15°	2211.8	2199.3	2191.3	2157.8	2141.3	2095.2	2050.3	2015.6	1944.5	1876.9	1825.7
17.5°	2299.3	2314.7	2294.2	2280.6	2235.7	2205.5	2160.6	2089.5	2036.6	1952.5	1893.9
20°	2396.0	2397.1	2386.9	2372.7	2339.1	2298.2	2248.2	2168.6	2102.0	2018.5	1929.8
22.5°	2422.1	2422.1	2419.3	2406.2	2382.9	2351.6	2301.0	2237.9	2153.8	2061.1	1972.4
25°	2348.2	2346.0	2351.1	2365.9	2356.2	2346.0	2317.0	2267.5	2192.4	2096.4	2000.8
27.5°	2139.0	2153.8	2184.5	2220.9	2247.0	2270.3	2268.6	2247.6	2194.1	2111.1	2009.4
30°	1909.3	1928.6	1950.2	1986.6	2057.1	2097.5	2141.8	2175.4	2156.6	2093.5	2000.3
32.5°	1656.8	1658.0	1692.7	1735.3	1798.4	1885.4	1962.2	2038.9	2071.9	2046.3	1972.4
35°	1388.5	1396.4	1431.1	1472.1	1551.1	1646.0	1751.8	1846.2	1924.1	1955.3	1915.5
37.5°	1163.3	1188.3	1214.5	1261.1	1333.3	1419.2	1532.9	1650.6	1764.9	1834.2	1841.6
40°	1012.1	1026.3	1043.9	1077.5	1136.6	1220.7	1315.1	1455.0	1578.4	1689.8	1726.2
42.5°	892.7	899.5	908.6	938.2	979.7	1063.2	1147.4	1266.2	1390.2	1528.9	1596.0
45°	779.0	787.5	805.7	823.3	857.4	915.4	995.6	1096.8	1221.3	1349.8	1462.4
47.5°	693.7	699.4	710.7	730.1	760.8	800.0	868.2	954.1	1075.8	1200.3	1320.8
50°	623.2	627.7	636.2	653.3	675.5	709.6	763.0	842.1	932.5	1058.1	1175.8
52.5°	567.4	568.6	574.3	584.5	601.0	628.3	669.8	731.8	814.2	922.8	1039.9
55°	509.4	511.7	517.4	525.9	541.3	559.5	593.0	641.9	715.3	812.5	914.3
57.5°	461.7	464.0	468.5	471.9	485.6	500.9	528.2	563.5	620.9	707.3	800.0
60°	416.2	415.1	420.7	423.6	432.1	444.6	464.5	498.1	546.4	612.9	696.5
62.5°	371.9	370.1	374.7	378.7	382.7	392.9	408.2	432.7	469.6	528.2	597.6
65°	327.5	325.2	328.1	332.6	337.2	342.9	354.8	378.1	409.4	452.6	507.7
67.5°	282.0	284.9	284.9	287.7	290.5	298.5	307.0	325.2	347.4	382.7	431.6
70°	242.2	242.8	245.1	245.1	246.8	253.6	260.4	270.1	291.7	323.5	361.6
72.5°	202.4	205.3	203.6	205.8	207.0	210.9	215.5	224.6	242.2	263.8	294.5
75°	163.8	165.5	165.5	166.0	167.7	169.4	173.4	180.2	193.3	210.9	233.1
77.5°	126.2	126.2	127.4	129.6	129.6	132.5	135.9	141.0	148.4	161.5	175.7
80°	92.1	93.2	92.7	93.8	93.8	96.1	97.2	104.0	106.9	114.9	125.7
82.5°	61.4	62.5	62.5	64.2	65.4	65.4	67.1	68.8	71.6	78.5	81.3
85°	34.1	35.3	34.1	35.3	37.0	37.5	39.2	39.8	42.1	43.8	47.8
87.5°	12.5	14.2	14.2	14.8	15.9	16.5	17.1	16.5	18.8	19.3	21.6
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°	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5
2.5°	1427.7	1419.7	1414.1	1409.5	1397.0	1389.6	1383.9	1376.0	1366.9	1357.2	1345.3
5°	1497.1	1477.7	1463.5	1441.9	1421.4	1404.4	1386.8	1370.8	1351.5	1330.5	1315.1
7.5°	1568.1	1541.4	1505.6	1477.7	1444.2	1415.2	1389.6	1362.9	1334.5	1307.2	1281.6
10°	1635.2	1598.3	1557.3	1509.0	1463.5	1423.2	1385.6	1349.2	1314.0	1278.7	1248.6
12.5°	1707.4	1659.1	1593.7	1535.2	1482.9	1425.4	1378.2	1331.6	1287.3	1249.7	1213.3
15°	1770.6	1704.0	1634.1	1558.5	1491.4	1428.3	1366.3	1310.0	1262.2	1213.3	1179.2
17.5°	1810.4	1727.9	1652.9	1573.8	1496.5	1417.5	1353.2	1290.1	1231.0	1183.2	1140.6
20°	1849.6	1767.7	1668.2	1589.2	1492.5	1410.6	1333.3	1261.1	1198.6	1146.8	1102.5
22.5°	1883.7	1785.9	1686.4	1576.1	1480.0	1391.9	1305.5	1232.7	1168.4	1113.3	1071.2
25°	1891.7	1783.1	1675.0	1571.6	1462.4	1359.5	1282.7	1197.4	1129.2	1071.8	1026.3
27.5°	1894.5	1779.7	1659.7	1547.1	1434.5	1340.7	1240.6	1166.2	1095.7	1034.8	991.6
30°	1888.3	1767.1	1635.8	1511.3	1398.1	1294.1	1209.9	1126.9	1054.7	994.4	949.0
32.5°	1868.4	1741.0	1605.1	1471.5	1353.2	1252.0	1164.4	1086.6	1016.6	957.5	909.2
35°	1826.3	1701.8	1557.9	1420.9	1300.9	1198.0	1119.5	1039.4	968.9	912.6	866.5
37.5°	1770.0	1654.0	1507.9	1365.2	1249.7	1145.1	1066.1	992.2	928.5	870.5	822.7
40°	1691.5	1592.6	1445.9	1307.7	1180.4	1082.0	1009.2	942.7	879.6	825.6	780.7
42.5°	1601.1	1518.1	1385.6	1237.2	1115.6	1016.6	946.1	888.1	829.6	780.7	735.7
45°	1490.2	1433.4	1306.0	1170.7	1042.8	949.5	881.9	829.6	779.5	730.6	693.1
47.5°	1366.9	1335.0	1224.2	1094.5	971.7	878.5	819.9	769.9	724.4	681.7	648.2
50°	1242.3	1228.7	1136.0	1012.1	896.1	809.7	750.5	709.0	671.5	635.1	603.8
52.5°	1119.5	1122.4	1041.1	930.2	825.0	742.6	684.0	645.9	614.6	586.8	559.5
55°	993.9	1009.8	944.4	843.2	747.1	672.1	619.2	584.5	561.8	537.3	516.3
57.5°	878.5	905.2	848.3	755.6	674.3	602.7	556.1	529.3	504.3	488.4	471.9
60°	765.9	790.9	748.8	673.8	598.1	539.0	495.2	471.9	450.9	440.6	429.8
62.5°	665.8	687.4	659.0	590.8	527.6	471.4	436.1	413.9	401.4	390.0	383.8
65°	571.4	590.2	563.5	512.9	456.6	411.1	380.9	363.3	349.7	345.1	337.2
67.5°	478.2	495.2	481.0	436.7	388.9	353.1	329.2	310.4	302.5	297.9	292.8
70°	396.9	413.9	398.6	361.0	326.4	297.4	275.2	265.5	257.0	255.3	247.3
72.5°	328.1	338.3	323.0	295.7	267.2	243.9	228.0	217.8	214.4	210.9	207.5
75°	256.4	266.7	256.4	233.7	212.6	195.6	180.8	176.8	171.7	170.0	167.2
77.5°	192.2	201.8	193.9	178.5	162.0	147.8	139.3	133.6	133.0	129.6	130.8
80°	138.7	144.4	137.0	127.4	114.9	105.8	100.1	97.2	93.8	92.7	95.0
82.5°	89.8	91.5	88.7	83.0	74.5	69.4	66.0	62.5	62.5	63.1	62.5
85°	51.7	51.2	50.6	44.9	42.1	38.1	35.8	35.3	34.7	35.8	37.0
87.5°	21.6	22.2	21.6	19.3	17.6	15.9	15.4	14.8	15.4	15.9	16.5
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°	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5	1372.5
2.5°	1339.6	1334.5	1327.1	1316.8	1308.3	1299.2	1296.9	1293.5	1300.3	1294.7	1292.9
5°	1302.0	1290.1	1274.8	1257.1	1246.9	1232.1	1229.3	1223.6	1217.9	1217.3	1211.6
7.5°	1262.8	1246.3	1227.0	1208.8	1192.9	1177.0	1166.7	1165.6	1156.5	1151.9	1146.3
10°	1225.3	1203.7	1180.4	1163.3	1144.0	1126.9	1115.0	1108.2	1102.5	1096.2	1090.5
12.5°	1180.9	1157.6	1139.4	1120.7	1096.8	1084.8	1063.2	1050.2	1050.2	1051.9	1034.8
15°	1148.5	1125.8	1096.2	1070.1	1057.6	1032.5	1021.7	1008.1	999.6	991.0	984.2
17.5°	1108.7	1080.9	1058.1	1028.6	1005.2	986.5	971.7	964.3	950.7	938.2	929.6
20°	1071.8	1041.6	1017.2	985.3	959.2	934.7	922.8	911.4	901.8	891.5	881.9
22.5°	1034.2	1002.4	971.1	940.4	916.5	890.4	879.0	862.5	853.4	848.9	839.2
25°	994.4	960.3	926.2	896.6	871.6	848.9	833.5	821.6	811.4	806.8	800.6
27.5°	951.2	917.7	885.3	851.2	822.2	805.7	793.2	783.5	777.2	770.4	767.6
30°	910.3	875.0	839.8	808.5	782.4	765.9	754.5	748.2	743.7	740.9	738.0
32.5°	868.8	834.1	796.6	768.7	746.0	731.8	723.8	717.5	715.8	715.3	714.7
35°	823.9	788.6	754.5	728.9	706.7	701.1	693.7	690.3	689.1	693.1	694.8
37.5°	780.7	747.7	715.8	690.3	675.5	666.4	663.5	663.0	666.9	670.4	674.3
40°	739.2	707.3	677.7	656.1	642.5	637.4	636.2	639.1	643.6	647.6	652.2
42.5°	698.8	667.5	641.4	621.5	612.9	608.4	609.5	612.4	619.2	624.3	631.7
45°	656.7	630.6	604.4	587.9	580.0	581.1	581.1	586.2	592.5	599.9	607.2
47.5°	617.5	590.8	568.6	554.4	550.4	548.7	551.5	558.3	566.9	575.4	585.6
50°	577.7	552.7	533.9	521.4	516.8	518.5	523.1	529.3	540.1	551.5	562.3
52.5°	537.3	515.1	498.1	486.7	483.9	487.3	491.8	502.6	511.7	524.2	537.9
55°	495.2	475.9	462.3	453.7	452.6	454.3	459.4	470.2	483.9	499.2	511.7
57.5°	453.7	437.2	424.2	417.9	418.5	419.6	427.6	440.6	454.3	470.8	486.7
60°	411.7	396.9	386.6	382.1	382.7	386.1	396.3	408.2	426.4	442.4	459.4
62.5°	371.9	359.3	349.7	345.7	344.6	353.1	362.8	375.3	393.5	411.7	430.4
65°	328.6	318.4	310.4	308.2	309.9	315.6	328.1	344.6	359.9	378.7	398.0
67.5°	286.6	278.0	272.3	273.5	275.2	283.2	294.0	308.2	325.2	344.6	364.5
70°	246.8	238.8	234.3	234.8	238.2	248.5	257.6	271.8	290.5	310.4	326.4
72.5°	205.8	201.3	197.3	200.1	203.6	209.8	221.7	236.0	251.9	270.1	287.1
75°	164.3	164.3	162.0	163.8	168.9	175.7	184.2	199.0	215.5	230.3	243.9
77.5°	129.1	127.4	128.5	130.2	133.6	142.1	151.8	162.6	175.7	191.0	202.4
80°	93.2	93.8	96.7	100.1	101.2	107.5	117.7	127.4	137.0	149.5	160.3
82.5°	64.2	64.8	66.0	70.5	71.6	78.5	84.1	93.8	102.3	109.7	118.3
85°	38.1	38.1	40.9	42.6	45.5	50.0	54.0	59.7	67.7	73.3	81.9
87.5°	18.2	18.2	20.5	21.6	23.3	26.2	27.3	33.5	35.8	38.7	43.8
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: P242661

CATALOG NUMBER: S124DRP-S1020D940-X4F0-XX-UDD-A-W

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°
0°	1372.5	1372.5	1372.5	1372.5
2.5°	1291.8	1290.7	1286.7	1286.1
5°	1208.2	1205.4	1203.7	1209.9
7.5°	1145.1	1142.8	1137.7	1136.0
10°	1084.8	1082.6	1078.0	1076.9
12.5°	1026.9	1021.7	1021.7	1023.4
15°	976.8	974.5	968.3	970.0
17.5°	925.6	923.4	914.8	923.4
20°	877.9	873.3	869.4	868.8
22.5°	832.4	828.4	829.0	824.4
25°	796.0	792.0	790.9	788.1
27.5°	766.4	764.2	761.9	763.0
30°	739.7	739.2	738.0	738.0
32.5°	717.5	717.5	718.7	718.7
35°	697.1	698.8	699.9	698.2
37.5°	678.9	680.0	681.7	683.4
40°	657.3	661.3	662.4	665.2
42.5°	636.8	641.4	644.8	644.8
45°	615.8	620.3	624.3	624.3
47.5°	594.2	600.4	604.4	605.0
50°	572.0	580.0	583.9	586.8
52.5°	550.4	558.3	564.0	565.2
55°	524.8	536.2	542.4	544.7
57.5°	502.1	512.3	519.1	520.8
60°	474.8	486.1	495.2	496.9
62.5°	446.9	458.8	466.8	471.9
65°	413.9	425.9	433.8	435.5
67.5°	379.2	391.8	396.9	400.3
70°	342.3	352.0	357.6	360.5
72.5°	300.2	310.4	317.3	317.3
75°	257.0	266.1	269.5	269.5
77.5°	212.1	217.2	221.7	222.9
80°	168.9	171.7	175.1	175.1
82.5°	124.5	126.8	130.2	129.6
85°	80.7	85.9	85.3	84.1
87.5°	45.5	46.1	47.8	48.9
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P242661
 CATALOG NUMBER: S124DRP-S1020D940-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	18.66	20.22	19.02	20.53	20.85	19.57	21.13	19.93	21.44	21.76
	3H	20.14	21.55	20.52	21.87	22.24	20.94	22.34	21.31	22.67	23.03
	4H	20.68	22.00	21.08	22.35	22.73	21.41	22.73	21.81	23.08	23.46
	6H	21.04	22.26	21.45	22.63	23.02	21.72	22.94	22.13	23.30	23.70
	8H	21.14	22.31	21.57	22.70	23.10	21.79	22.96	22.22	23.35	23.75
	12H	21.19	22.31	21.62	22.69	23.12	21.84	22.95	22.27	23.33	23.76
4H	2H	19.82	21.14	20.22	21.49	21.87	20.25	21.58	20.65	21.92	22.30
	3H	21.35	22.45	21.76	22.85	23.25	21.96	23.06	22.37	23.46	23.86
	4H	21.94	22.93	22.37	23.35	23.78	22.55	23.55	22.98	23.96	24.40
	6H	22.36	23.23	22.82	23.67	24.13	22.95	23.82	23.40	24.26	24.72
	8H	22.49	23.30	22.95	23.74	24.21	23.05	23.86	23.52	24.31	24.77
	12H	22.56	23.29	23.04	23.77	24.24	23.12	23.84	23.60	24.32	24.79
8H	4H	22.39	23.20	22.85	23.65	24.11	22.87	23.68	23.33	24.12	24.59
	6H	22.90	23.57	23.39	24.06	24.54	23.39	24.07	23.89	24.56	25.03
	8H	23.07	23.67	23.58	24.18	24.67	23.56	24.16	24.07	24.67	25.16
	12H	23.19	23.72	23.70	24.22	24.78	23.67	24.20	24.18	24.69	25.26
12H	4H	22.44	23.17	22.92	23.64	24.11	22.90	23.62	23.38	24.10	24.57
	6H	22.97	23.58	23.48	24.08	24.57	23.45	24.05	23.96	24.56	25.05
	8H	23.19	23.73	23.70	24.22	24.78	23.67	24.20	24.18	24.70	25.26