

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: P243156

Luminaire Tested: S122DRP-H675D835-X4F0-XX-UDD-A-W

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-2024  
Report Number: P243156  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-58)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: NEO-RAY  
Catalog Number: S122DRP-H675D835-X4F0-XX-UDD-A-W  
Description: DEFINE 2 DIRECT RECESSED WITH ASYMMETRIC FLUSH DIFFUSER.  
HIGH PERFORMANCE LIGHT ENGINE  
Light Source: (184) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: -

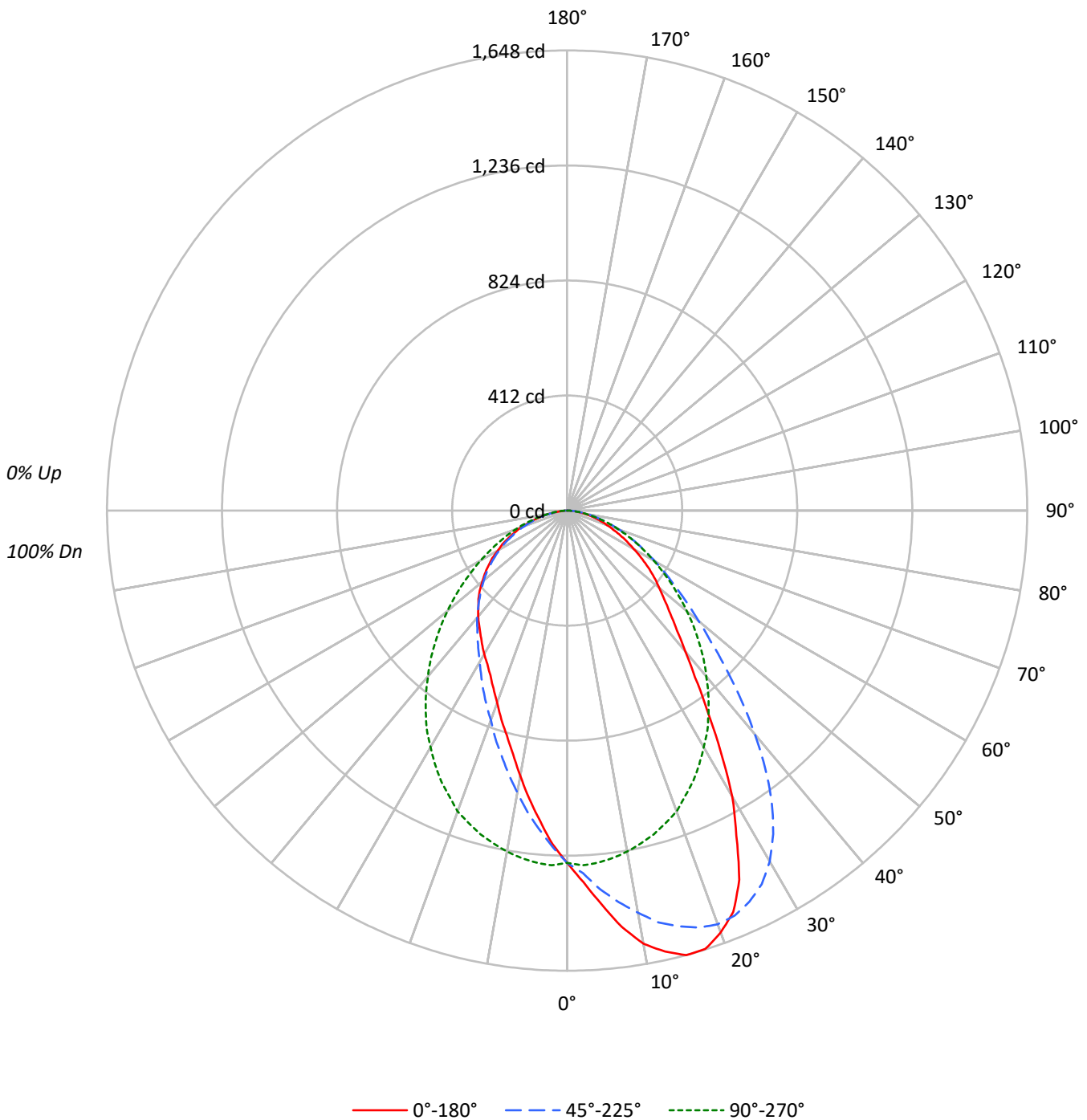
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2799.4 lumens  
Efficiency: N/A  
Efficacy: 118.6 lumens/watt  
Spacing Criteria (0/90/45): 1.09 / 1.16 / 1.24  
Luminous Opening: Rectangular (W 3.88' x L: 0.15' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 23.6  
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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CATALOG NUMBER: S122DRP-H675D835-X4F0-XX-UDD-A-W

### 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	93	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76					74				
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	66					63				
4	86	74	66	60	83	73	66	60	71	64	59	68	63	58	66	61	57					55				
5	79	67	59	52	77	66	58	52	64	57	52	62	56	51	60	55	51					49				
6	73	61	52	46	72	60	52	46	58	51	46	57	50	45	55	49	45					43				
7	68	56	47	41	67	55	47	41	53	46	41	52	46	41	51	45	40					39				
8	64	51	43	37	62	50	43	37	49	42	37	48	41	37	47	41	37					35				
9	60	47	39	34	58	46	39	34	45	38	34	44	38	34	43	38	33					32				
10	56	44	36	31	55	43	36	31	42	35	31	41	35	31	40	35	31					29				

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

	0°	45°	90°	135°	180°
0°	24031	24031	24031	24031	24031
5°	27067	26033	24203	21916	21319
10°	30469	28275	23985	19841	18657
15°	32502	30392	23662	17907	16444
20°	32594	31960	23234	16194	14840
25°	30655	32471	22461	14916	13680
30°	26022	31916	21524	13760	13062
35°	20346	29727	20518	12996	12573
40°	16346	25994	19283	12470	12331
45°	14061	21784	18010	11949	12100
50°	12757	18165	16574	11554	11761
55°	11753	15615	15103	11102	11444
60°	10564	13768	13608	10583	10922
65°	9510	12309	12228	9911	10393
70°	8476	10921	10871	9072	9724
75°	7632	9516	9347	8044	8522
80°	6658	7887	7525	6560	6658
85°	5704	6535	5617	4393	3672

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 65°  
 Vertical Angle: 45°  
 Luminance: 30122 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	120.2	4.3
10°-20°	345.5	12.3
20°-30°	502.4	17.9
30°-40°	538.9	19.3
40°-50°	483.0	17.3
50°-60°	385.0	13.8
60°-70°	260.5	9.3
70°-80°	132.8	4.7
80°-90°	31.1	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°	968.0	34.6
0°-40°	1506.9	53.8
0°-60°	2375.0	84.8
0°-90°	2799.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2799.4	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1262	1262	1262	1262	1262	
5°	1416	1362	1266	1146	1115	140
15°	1648	1541	1200	908	834	462
25°	1459	1545	1069	710	651	656
35°	875	1278	882	559	541	554
45°	522	809	669	444	449	408
55°	354	470	455	334	345	316
65°	211	273	271	220	231	209
75°	104	129	127	109	116	111
85°	26	30	26	20	17	30
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°	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6
2.5°	1331.6	1335.8	1332.1	1330.7	1327.9	1326.9	1319.5	1313.4	1309.7	1299.4	1300.3
5°	1415.6	1425.0	1419.9	1419.4	1409.1	1402.6	1396.0	1386.7	1372.7	1361.5	1352.6
7.5°	1504.4	1499.7	1498.3	1493.2	1485.7	1476.3	1461.9	1448.3	1430.6	1414.2	1402.1
10°	1575.3	1573.9	1576.3	1563.2	1558.5	1544.0	1531.4	1510.4	1487.6	1461.9	1446.0
12.5°	1617.4	1621.6	1624.8	1619.7	1608.5	1604.3	1583.3	1553.9	1545.9	1510.9	1491.8
15°	1648.2	1650.0	1650.5	1644.9	1639.3	1628.6	1615.9	1597.3	1571.6	1541.2	1526.8
17.5°	1646.3	1645.8	1648.6	1645.4	1642.1	1638.8	1629.0	1614.5	1594.5	1566.0	1541.7
20°	1608.0	1616.4	1623.0	1624.4	1623.9	1625.8	1621.1	1611.7	1597.3	1576.7	1549.2
22.5°	1555.7	1552.5	1566.5	1565.5	1571.6	1585.6	1591.7	1587.9	1582.3	1569.3	1547.3
25°	1458.6	1461.9	1471.7	1481.9	1505.8	1514.2	1532.4	1546.4	1548.2	1545.0	1531.4
27.5°	1312.9	1336.3	1341.4	1355.0	1388.1	1415.6	1452.5	1474.5	1505.8	1508.6	1502.5
30°	1183.1	1182.2	1190.1	1214.4	1244.8	1286.3	1333.9	1390.4	1426.4	1451.1	1460.0
32.5°	1023.5	1027.2	1047.7	1077.6	1108.4	1150.0	1205.1	1274.2	1322.3	1373.6	1402.6
35°	875.0	886.6	906.3	926.8	960.4	1017.4	1078.5	1136.0	1209.7	1278.4	1325.1
37.5°	752.6	768.5	783.5	803.1	835.8	879.6	934.7	1010.8	1084.1	1166.8	1235.4
40°	657.4	663.5	673.7	692.9	714.8	758.7	814.3	871.2	950.6	1045.4	1135.5
42.5°	582.7	581.3	592.5	604.6	624.7	657.4	706.0	762.9	841.8	925.9	1016.9
45°	522.0	522.5	527.1	539.7	555.6	574.3	611.6	665.3	725.1	808.7	905.3
47.5°	472.5	473.9	480.9	489.8	499.1	516.4	541.1	576.2	632.2	702.2	792.8
50°	430.5	432.8	437.5	444.0	451.0	463.2	481.8	509.4	553.7	613.0	695.2
52.5°	393.1	394.1	395.5	401.5	407.1	418.3	432.4	453.8	488.8	538.3	602.3
55°	353.9	353.0	356.2	361.4	366.5	374.5	388.9	406.2	431.0	470.2	522.9
57.5°	313.8	315.2	317.5	320.3	329.6	338.0	348.8	364.7	384.3	415.1	459.0
60°	277.3	277.3	280.1	283.9	289.9	295.5	305.8	320.3	337.6	361.4	398.3
62.5°	241.9	243.7	246.5	248.4	254.0	261.0	268.9	280.1	296.0	315.2	342.7
65°	211.0	210.1	212.9	216.6	220.8	225.5	234.4	243.7	255.9	273.1	296.0
67.5°	179.3	182.1	183.0	184.9	188.2	194.2	198.4	208.2	218.0	233.5	252.6
70°	152.2	154.1	155.5	157.8	160.6	163.4	167.6	175.6	185.4	196.1	209.6
72.5°	127.9	129.3	127.9	130.3	131.7	134.5	140.1	143.8	151.3	160.6	172.8
75°	103.7	104.6	104.1	106.5	106.9	109.7	112.5	115.8	124.2	129.3	137.7
77.5°	81.2	82.2	82.6	83.6	84.5	85.9	87.3	90.6	95.2	99.9	106.5
80°	60.7	60.7	62.1	62.6	63.0	64.0	66.3	67.2	70.5	71.9	77.0
82.5°	42.0	42.5	43.0	43.0	43.4	44.4	44.8	46.7	47.6	50.0	52.3
85°	26.1	26.6	26.6	26.6	28.0	27.5	27.5	28.5	29.9	29.9	30.8
87.5°	13.1	13.5	13.5	13.5	14.0	14.0	14.0	14.0	14.0	14.9	14.5
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°	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6
2.5°	1299.9	1299.4	1297.5	1289.1	1282.6	1274.2	1272.8	1271.4	1259.7	1247.1	1243.4
5°	1345.6	1337.2	1325.5	1311.5	1297.5	1282.1	1273.2	1265.8	1248.0	1228.4	1217.2
7.5°	1390.4	1374.1	1355.9	1333.9	1310.6	1285.8	1270.0	1255.0	1230.8	1205.1	1189.7
10°	1428.7	1406.8	1381.6	1352.6	1320.4	1286.8	1263.4	1240.1	1209.3	1178.0	1157.5
12.5°	1460.5	1432.5	1399.3	1360.1	1330.7	1284.4	1251.8	1221.0	1186.9	1146.2	1123.8
15°	1484.8	1457.2	1412.4	1372.7	1333.9	1272.3	1232.6	1199.9	1154.2	1114.5	1079.0
17.5°	1514.2	1474.9	1430.6	1373.6	1330.7	1260.2	1215.3	1172.9	1123.4	1076.7	1037.5
20°	1527.2	1486.2	1438.5	1375.0	1320.4	1247.1	1187.3	1146.2	1086.5	1032.8	988.4
22.5°	1529.1	1489.9	1438.1	1370.8	1302.7	1228.0	1159.3	1105.6	1045.9	988.9	938.9
25°	1521.2	1483.8	1430.1	1363.4	1283.0	1207.4	1130.8	1068.7	999.6	940.8	889.9
27.5°	1499.7	1469.3	1418.5	1347.0	1263.0	1175.7	1092.1	1024.4	956.2	889.4	840.9
30°	1465.1	1445.1	1401.2	1325.5	1237.3	1141.1	1057.5	978.6	904.9	842.3	790.0
32.5°	1420.8	1411.0	1374.6	1299.9	1211.1	1103.3	1016.0	934.7	854.4	795.1	741.4
35°	1364.3	1369.4	1338.6	1270.9	1178.0	1065.0	967.4	882.4	804.0	741.0	691.5
37.5°	1291.0	1316.2	1296.6	1233.1	1135.5	1026.3	916.5	831.1	748.9	688.2	644.8
40°	1208.8	1253.2	1243.8	1190.6	1089.8	981.0	867.5	775.5	695.2	637.8	596.2
42.5°	1112.2	1176.6	1186.9	1138.8	1044.5	924.5	812.4	723.7	646.2	589.7	550.0
45°	1003.8	1083.7	1118.2	1080.4	991.7	869.8	755.9	668.6	592.0	543.9	510.8
47.5°	895.1	991.2	1037.9	1019.7	930.1	811.5	699.9	614.4	542.1	500.1	468.8
50°	787.7	890.9	959.0	946.9	869.4	755.9	643.4	559.3	493.0	454.3	427.7
52.5°	693.4	790.9	865.2	871.2	801.7	692.4	583.6	505.7	449.2	414.1	391.7
55°	600.4	691.0	772.3	787.2	730.7	625.6	528.5	454.8	403.4	374.5	356.2
57.5°	517.3	599.5	680.3	706.4	660.7	565.9	469.2	404.3	360.0	337.6	321.7
60°	446.8	521.1	590.6	617.2	586.0	499.6	415.1	357.2	320.3	300.2	287.6
62.5°	385.2	442.6	504.3	533.7	512.7	437.5	363.7	312.4	282.5	265.2	255.4
65°	329.6	374.0	422.5	456.6	433.3	377.3	315.6	271.3	246.1	230.2	223.2
67.5°	278.3	315.2	353.9	381.0	369.3	318.4	266.6	232.1	211.0	198.9	192.4
70°	231.6	259.1	290.4	311.4	303.0	263.8	222.7	195.2	177.4	169.0	163.4
72.5°	190.0	207.8	231.6	248.9	240.0	212.4	183.0	161.1	148.0	138.2	134.0
75°	150.8	166.2	183.0	194.7	187.7	167.2	143.8	127.0	118.1	112.1	109.3
77.5°	114.4	126.5	138.2	143.8	140.5	125.6	109.7	96.6	89.2	85.4	82.2
80°	82.2	89.2	97.1	102.3	100.4	90.1	78.9	68.6	65.4	60.7	59.8
82.5°	55.1	60.7	62.6	64.9	63.5	58.8	50.9	44.8	42.0	39.7	39.2
85°	32.7	34.1	36.4	36.4	35.0	31.7	27.5	25.7	22.9	22.4	21.0
87.5°	14.5	14.5	14.5	14.5	14.5	13.5	11.7	10.7	9.8	9.3	8.9
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°	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6	1261.6
2.5°	1240.1	1235.4	1228.9	1221.4	1214.9	1204.6	1201.3	1201.3	1203.7	1200.9	1198.5
5°	1207.9	1198.5	1189.2	1174.7	1162.6	1146.2	1141.6	1136.9	1136.4	1131.8	1125.7
7.5°	1173.3	1159.3	1140.2	1119.6	1106.6	1088.8	1079.0	1076.2	1067.3	1058.9	1049.1
10°	1133.2	1111.7	1088.8	1069.2	1048.7	1025.8	1014.1	1006.2	997.3	987.0	980.0
12.5°	1084.6	1060.3	1039.3	1016.4	999.2	967.0	963.2	952.9	935.2	919.8	914.2
15°	1054.7	1012.2	988.4	967.4	941.3	908.1	896.0	884.8	868.0	858.2	850.2
17.5°	1002.0	963.7	933.8	905.8	880.6	854.9	836.7	827.4	813.8	805.4	797.5
20°	953.9	912.3	881.0	848.4	822.2	798.9	783.5	771.8	764.8	756.4	748.4
22.5°	905.3	861.9	832.0	798.9	768.1	754.0	735.8	726.0	716.7	710.2	701.8
25°	848.8	814.3	776.9	751.2	724.2	709.7	692.4	683.1	675.6	668.1	663.9
27.5°	798.4	763.4	728.8	703.2	680.3	666.3	655.5	646.7	637.3	631.7	628.5
30°	746.1	713.9	683.5	658.8	641.1	625.6	619.1	610.7	603.7	601.4	596.2
32.5°	699.4	663.5	639.2	616.8	601.8	591.1	586.4	577.6	576.2	573.8	571.0
35°	652.7	621.9	598.6	579.4	566.8	558.9	552.8	550.5	548.1	545.8	543.5
37.5°	606.5	582.2	560.3	544.9	534.6	528.5	527.1	522.5	522.0	518.7	518.7
40°	565.0	540.2	524.8	512.7	504.3	501.5	497.7	496.8	495.4	494.4	496.3
42.5°	523.4	506.6	493.5	480.9	474.4	472.0	471.1	469.7	468.8	471.6	472.5
45°	484.6	470.2	459.0	450.1	446.4	443.6	443.6	445.0	444.5	445.9	445.9
47.5°	448.7	435.6	426.3	423.0	418.3	417.4	417.9	417.4	419.7	421.6	423.5
50°	414.6	402.9	395.5	392.2	391.3	389.9	391.7	392.7	394.1	395.9	396.9
52.5°	376.8	371.2	366.5	363.3	362.8	363.3	362.8	366.1	367.5	370.3	369.8
55°	344.6	340.4	337.1	333.4	332.9	334.3	335.2	338.0	339.9	342.2	341.8
57.5°	314.2	311.0	307.2	306.3	305.8	306.3	310.5	310.0	312.8	314.7	315.6
60°	281.1	278.7	275.5	275.5	276.9	277.8	279.2	281.5	284.3	283.9	287.1
62.5°	250.7	247.9	247.0	248.4	247.9	250.3	251.7	251.7	255.4	256.8	257.7
65°	220.4	219.4	218.0	218.0	219.4	219.9	222.2	223.6	225.0	227.8	230.2
67.5°	191.9	189.6	189.6	188.6	190.5	191.9	193.3	195.2	196.1	199.4	200.8
70°	162.0	161.1	160.6	161.5	161.5	162.9	165.3	167.6	169.5	170.0	172.8
72.5°	133.1	133.1	133.1	134.5	135.4	136.8	137.3	139.1	141.9	142.4	143.8
75°	106.9	107.4	106.9	107.4	107.9	109.3	110.2	112.1	113.9	114.4	115.3
77.5°	82.6	81.7	80.8	82.2	83.1	85.9	85.4	86.4	88.2	87.3	88.2
80°	57.9	59.3	57.4	60.2	60.2	59.8	60.7	62.1	61.6	62.6	61.6
82.5°	39.2	37.8	37.8	39.2	39.7	38.3	39.2	39.7	40.2	39.2	38.8
85°	21.5	21.0	21.9	20.5	21.0	20.1	20.1	19.1	20.1	19.1	18.2
87.5°	7.9	7.5	7.9	6.5	6.1	5.6	5.1	5.1	4.2	4.2	4.2
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: P243156

CATALOG NUMBER: S122DRP-H675D835-X4F0-XX-UDD-A-W

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°
0°	1261.6	1261.6	1261.6	1261.6
2.5°	1201.8	1196.7	1194.3	1196.2
5°	1119.2	1120.6	1112.2	1115.0
7.5°	1047.7	1041.7	1043.5	1040.3
10°	972.1	968.8	963.7	964.6
12.5°	921.2	899.3	897.9	893.7
15°	849.8	837.6	834.8	833.9
17.5°	792.8	782.5	786.3	783.5
20°	741.4	741.9	735.8	732.1
22.5°	696.2	695.2	692.9	689.1
25°	657.9	657.9	652.3	650.9
27.5°	622.8	623.8	619.1	619.1
30°	596.7	593.4	593.0	593.9
32.5°	570.6	566.8	567.3	566.8
35°	542.5	543.5	542.1	540.7
37.5°	518.7	518.7	518.7	517.3
40°	495.4	496.3	494.9	495.9
42.5°	472.0	472.5	472.5	470.6
45°	448.7	448.2	447.3	449.2
47.5°	424.4	424.4	423.9	424.9
50°	397.8	398.7	397.3	396.9
52.5°	370.7	371.2	370.7	371.7
55°	343.2	343.2	343.6	344.6
57.5°	314.7	318.0	315.6	317.5
60°	286.7	287.1	287.6	286.7
62.5°	260.1	259.6	260.1	261.5
65°	231.1	232.1	231.6	230.6
67.5°	202.6	201.7	203.1	201.7
70°	172.3	174.2	172.8	174.6
72.5°	144.7	144.3	145.2	142.9
75°	115.8	115.8	116.3	115.8
77.5°	88.7	87.8	87.3	85.9
80°	61.2	61.2	59.3	60.7
82.5°	37.4	37.8	38.3	35.5
85°	17.7	17.7	17.3	16.8
87.5°	3.7	3.7	4.2	4.7
90°	0.0	0.0	0.0	0.0



TEST NUMBER: P243156  
 CATALOG NUMBER: S122DRP-H675D835-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	19.69	21.22	20.06	21.53	21.84	22.53	24.05	22.90	24.37	24.68
	3H	21.05	22.41	21.42	22.74	23.10	23.55	24.92	23.93	25.25	25.61
	4H	21.53	22.81	21.93	23.16	23.54	23.88	25.16	24.28	25.51	25.89
	6H	21.88	23.07	22.29	23.43	23.82	24.07	25.26	24.49	25.62	26.02
	8H	21.99	23.12	22.41	23.50	23.91	24.12	25.24	24.54	25.63	26.03
	12H	22.06	23.14	22.49	23.52	23.95	24.13	25.21	24.56	25.59	26.02
4H	2H	20.57	21.86	20.97	22.21	22.58	22.77	24.05	23.17	24.40	24.78
	3H	22.07	23.14	22.48	23.54	23.94	24.14	25.21	24.55	25.61	26.01
	4H	22.64	23.60	23.07	24.01	24.45	24.66	25.62	25.09	26.03	26.47
	6H	23.08	23.91	23.53	24.35	24.81	24.99	25.82	25.45	26.27	26.72
	8H	23.21	23.99	23.68	24.44	24.90	25.06	25.84	25.53	26.29	26.75
	12H	23.31	24.01	23.79	24.48	24.96	25.10	25.80	25.58	26.28	26.75
8H	4H	23.08	23.86	23.54	24.30	24.77	24.79	25.57	25.26	26.02	26.48
	6H	23.60	24.24	24.10	24.73	25.21	25.24	25.88	25.73	26.37	26.85
	8H	23.79	24.36	24.30	24.87	25.36	25.37	25.95	25.88	26.46	26.94
	12H	23.94	24.45	24.45	24.94	25.51	25.46	25.97	25.97	26.46	27.03
12H	4H	23.13	23.83	23.62	24.31	24.78	24.79	25.48	25.27	25.96	26.43
	6H	23.68	24.25	24.19	24.76	25.25	25.24	25.82	25.75	26.32	26.81
	8H	23.92	24.42	24.42	24.92	25.48	25.42	25.93	25.93	26.42	26.98