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

Scaled data based on original data using

LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1007281

Luminaire Tested: S125RDW-B610DB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/2/2025

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1007281
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1802-639-32)
Test Lab:	INNOVATION CENTER
Issue Date:	5/2/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	NEO-RAY
Catalog Number:	S125RDW-B610DB2750-4F0-XX-W2A-A_2700K
Description:	Define 5 Regressed Direct Wall Mount with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2367.0 lumens
Efficiency:	N/A
Efficacy:	98.6 lumens/watt
Spacing Criteria (0/90/45):	1.21 / 1.4 / 1.47
Luminous Opening:	Rectangular (W 0.42' x L: 4' x H: 0')
CIE Type:	Direct

Input Watts (W):	24
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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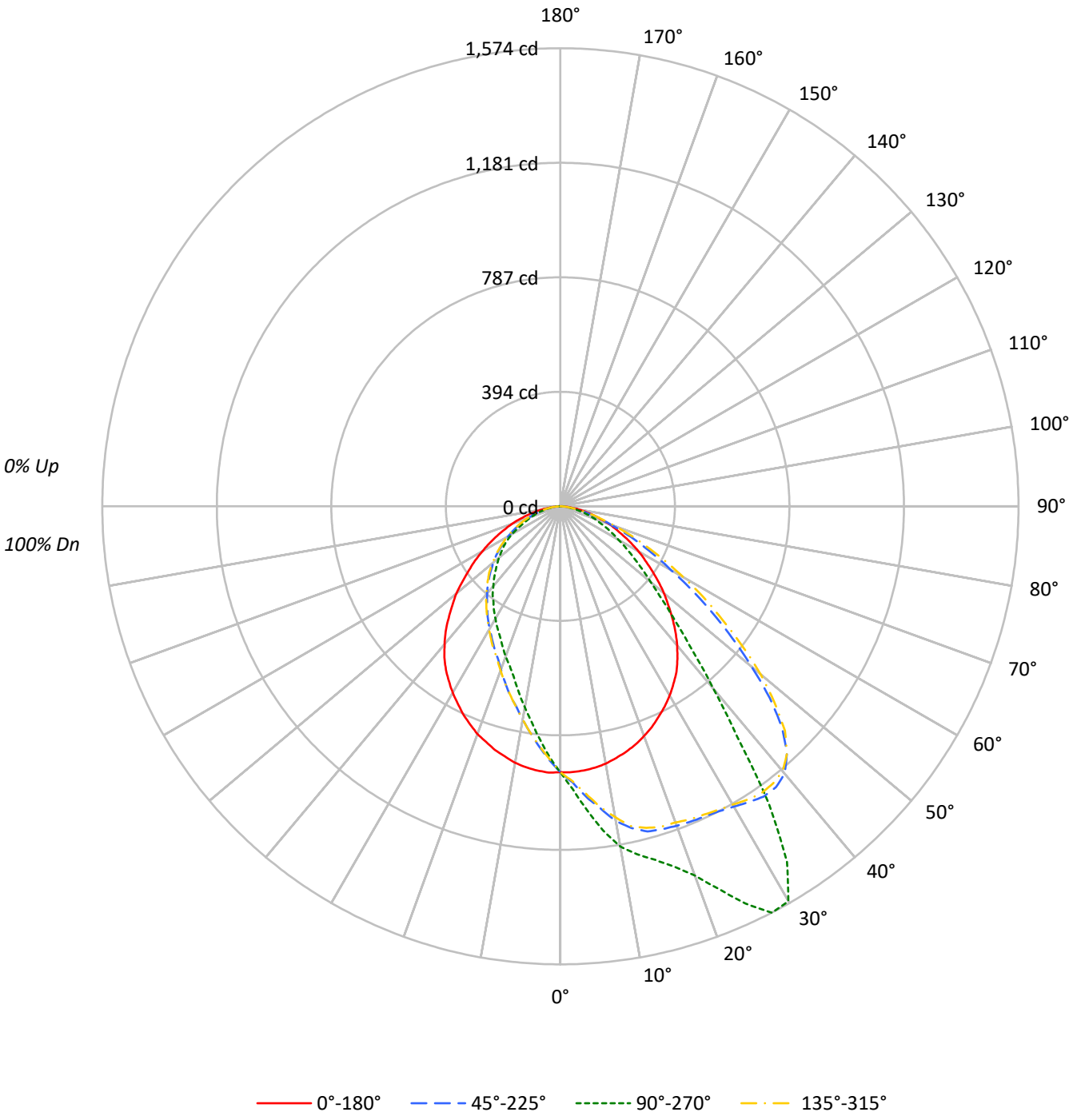
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	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	91	86	81	88	83	79	85	81	77	82	78	75	73
3	92	83	75	69	90	81	74	69	78	72	67	76	70	66	73	69	65	63
4	85	74	66	59	83	73	65	59	70	63	58	68	62	57	66	61	57	55
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48
6	73	60	52	45	71	59	51	45	57	50	45	56	49	44	54	49	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	50	44	39	37
8	63	50	42	36	61	49	42	36	48	41	36	47	40	36	46	40	35	34
9	59	46	38	33	58	45	38	33	44	37	32	43	37	32	42	36	32	30
10	55	42	35	30	54	42	35	30	41	34	30	40	34	29	39	33	29	28

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5854	5854	5854	5854
5°	5862	6734	5862	5177
10°	5842	7725	5822	4568
15°	5791	8344	5752	4060
20°	5728	9201	5677	3749
25°	5642	10648	5578	3479
30°	5555	11587	5472	3302
35°	5438	9775	5362	3139
40°	5220	6826	5176	2998
45°	4927	5063	4921	2861
50°	4628	4038	4651	2744
55°	4291	3427	4282	2640
60°	3979	2960	3960	2471
65°	3616	2638	3639	2127
70°	3331	2319	3316	1939
75°	2879	2005	2879	1820
80°	2435	1524	2409	1524
85°	1933	1272	1875	1434

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°
Vertical Angle: 45°
Luminance: 9882 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.6	3.7
10°-20°	256.9	10.9
20°-30°	407.3	17.2
30°-40°	492.1	20.8
40°-50°	438.1	18.5
50°-60°	336.0	14.2
60°-70°	218.2	9.2
70°-80°	105.9	4.5
80°-90°	24.9	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°	751.7	31.8
0°-40°	1243.9	52.5
0°-60°	2018.0	85.3
0°-90°	2367.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2367.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	914	914	914	914	914	
5°	911	1047	911	805	911	87
15°	873	1258	867	612	873	246
25°	798	1506	789	492	798	368
35°	695	1250	686	401	695	433
45°	544	559	543	316	544	420
55°	384	307	383	236	384	344
65°	238	174	240	140	238	238
75°	116	81	116	74	116	125
85°	26	17	26	20	26	32
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6
2.5°	914.4	921.9	924.1	930.1	936.9	938.4	942.1	947.4	950.4	949.6	949.6
5°	911.4	924.1	933.1	943.6	956.4	961.6	966.1	977.4	986.4	991.6	1000.6
7.5°	906.1	924.9	939.9	955.6	975.1	984.1	993.9	1009.6	1026.1	1036.6	1046.4
10°	897.9	921.9	942.9	966.1	992.4	1005.9	1017.9	1041.9	1062.1	1075.6	1098.1
12.5°	885.9	915.9	945.1	975.9	1008.9	1023.1	1039.6	1065.9	1094.4	1113.9	1132.6
15°	873.1	909.1	940.6	977.4	1017.1	1038.9	1059.9	1087.6	1113.1	1134.9	1156.7
17.5°	858.1	896.4	935.4	977.4	1022.4	1044.1	1062.1	1095.1	1122.1	1143.9	1163.4
20°	840.1	882.9	927.1	973.6	1019.4	1039.6	1056.9	1092.9	1116.9	1140.1	1167.9
22.5°	820.6	867.1	914.4	960.1	1005.1	1026.9	1047.1	1078.6	1104.9	1136.4	1172.4
25°	798.1	849.1	897.1	942.9	985.6	1005.9	1023.9	1058.4	1095.1	1134.9	1175.4
27.5°	775.6	825.1	871.6	913.6	960.1	978.9	996.9	1040.4	1083.9	1125.9	1181.4
30°	*750.8*	*801.1*	*841.6*	*880.6*	*925.6*	*945.1*	*967.6*	*1017.1*	*1066.6*	*1123.6*	*1191.2*
32.5°	723.1	768.9	806.4	846.9	887.4	911.4	939.9	993.9	1050.9	1119.1	1205.4
35°	695.3	732.1	766.6	804.9	853.6	879.1	906.9	963.9	1035.1	1116.9	1217.4
37.5°	660.1	695.3	722.3	761.3	811.6	841.6	869.4	935.4	1016.4	1111.6	1216.7
40°	624.1	654.1	679.6	720.1	774.9	802.6	832.6	904.6	996.9	1096.6	1198.7
42.5°	585.1	610.6	638.3	677.3	730.6	757.6	792.1	876.1	969.9	1075.6	1152.2
45°	543.8	568.6	591.8	632.3	685.6	714.8	752.3	838.6	936.9	1031.4	1077.1
47.5°	503.3	525.1	549.8	585.1	639.1	671.3	709.6	801.9	892.6	972.1	975.9
50°	464.3	481.6	502.6	538.6	594.8	625.6	665.3	751.6	840.1	894.9	858.1
52.5°	423.8	439.6	461.3	492.8	545.3	581.3	615.8	702.1	776.4	813.1	745.6
55°	384.1	397.6	420.1	455.3	501.1	528.8	564.1	644.3	709.6	710.3	636.8
57.5°	345.0	357.0	375.8	407.3	450.1	482.3	514.6	584.3	628.6	615.8	534.1
60°	310.5	318.0	335.3	366.0	405.8	429.1	463.6	522.1	551.3	528.1	440.3
62.5°	274.5	282.0	295.5	320.3	357.8	382.6	404.3	452.3	472.6	437.3	365.3
65°	238.5	247.5	257.3	276.8	312.0	328.5	348.0	383.3	402.8	361.5	299.3
67.5°	207.0	211.5	221.3	241.5	266.3	281.3	294.8	318.8	322.5	289.5	238.5
70°	177.8	179.3	188.3	200.3	219.0	228.0	239.3	253.5	253.5	226.5	186.0
72.5°	144.8	147.0	153.8	166.5	177.8	182.3	186.0	195.0	193.5	168.8	141.0
75°	116.3	117.8	123.0	129.0	133.5	141.8	144.8	143.3	142.5	121.5	105.8
77.5°	90.0	90.8	94.5	99.8	100.5	103.5	101.3	101.3	94.5	82.5	74.3
80°	66.0	66.8	68.3	69.8	69.8	69.8	69.8	66.0	61.5	54.0	51.8
82.5°	44.3	44.3	45.0	46.5	45.8	44.3	42.8	39.0	36.0	33.8	32.3
85°	26.3	26.3	27.0	26.3	23.3	22.5	21.0	20.3	19.5	18.8	18.8
87.5°	12.8	12.0	10.5	9.0	9.0	9.0	9.0	9.0	9.0	8.3	8.3
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):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	*913.6*
2.5°	953.4	958.6	963.1	960.9	969.9	969.1	970.6	973.6	974.4	972.9	*969.9*
5°	1005.1	1012.6	1025.4	1032.1	1030.6	1036.6	1039.6	1044.1	1048.6	1047.1	*1047.1*
7.5°	1062.9	1073.4	1086.1	1103.4	1105.6	1110.9	1119.9	1119.9	1125.1	1122.9	*1122.1*
10°	1113.1	1125.9	1146.1	1159.7	1165.7	1168.7	1177.7	1180.7	1186.7	1187.4	*1187.4*
12.5°	1154.4	1176.9	1190.4	1203.9	1206.9	1211.4	1218.2	1222.7	1224.9	1224.9	*1222.7*
15°	1176.2	1194.2	1209.9	1224.2	1232.4	1236.2	1242.9	1248.2	1251.2	1257.9	*1259.4*
17.5°	1185.2	1206.9	1232.4	1252.7	1266.9	1270.7	1284.2	1288.7	1294.7	1297.7	*1301.4*
20°	1197.9	1229.4	1260.2	1284.9	1298.4	1308.2	1322.4	1343.4	1349.4	1349.4	*1347.2*
22.5°	1209.2	1249.7	1291.7	1331.4	1342.7	1362.2	1388.4	1410.9	1419.9	1423.7	*1420.7*
25°	1222.7	1278.2	1332.9	1382.4	1413.2	1427.4	1462.7	1489.7	1500.2	1506.2	*1507.7*
27.5°	1245.9	1315.7	1385.4	1448.4	1479.9	1496.4	1533.2	1556.5	1569.2	1574.5	*1570.7*
30°	*1272.2*	*1357.7*	*1438.7*	*1494.9*	*1515.9*	*1536.2*	*1560.2*	*1569.2*	*1566.2*	*1566.2*	*1577.5*
32.5°	1299.2	1387.7	1459.7	1496.4	1503.9	1500.9	1491.2	1464.2	1448.4	1448.4	*1458.2*
35°	1314.2	1390.7	1427.4	1415.4	1386.2	1368.9	1315.7	1285.7	1251.9	1249.7	*1260.9*
37.5°	1305.9	1338.9	1323.9	1245.2	1205.4	1172.4	1089.1	1056.1	1031.4	996.9	*1050.1*
40°	1248.2	1236.9	1158.9	1045.6	1001.4	954.9	888.9	855.9	821.4	816.1	*828.9*
42.5°	1150.7	1083.9	969.9	860.4	815.4	782.4	732.1	699.8	678.1	669.1	*684.1*
45°	1029.1	924.1	810.1	723.1	673.6	656.3	610.6	582.1	565.6	558.8	*569.3*
47.5°	880.6	774.9	666.8	593.3	564.1	546.8	516.1	491.3	477.1	472.6	*477.1*
50°	747.8	639.1	548.3	501.1	474.8	460.6	435.1	419.3	408.1	405.1	*412.6*
52.5°	633.1	534.1	465.1	423.1	405.8	393.8	375.8	362.3	355.5	352.5	*357.8*
55°	530.3	450.1	394.6	358.5	345.8	338.3	322.5	315.0	307.5	306.8	*312.0*
57.5°	439.6	384.1	333.0	307.5	303.8	292.5	279.0	272.3	268.5	267.8	*270.0*
60°	366.0	316.5	285.8	263.3	258.0	249.0	241.5	237.0	232.5	231.0	*232.5*
62.5°	304.5	265.5	240.8	225.8	218.3	216.0	207.8	202.5	201.8	201.8	*203.3*
65°	251.3	218.3	202.5	190.5	185.3	183.0	177.0	173.3	174.0	174.0	*174.8*
67.5°	204.8	180.8	166.5	160.5	156.0	155.3	149.3	147.8	146.3	146.3	*147.8*
70°	162.8	147.8	137.3	134.3	133.5	128.3	126.0	125.3	123.0	123.8	*123.8*
72.5°	127.5	117.8	111.8	107.3	108.0	105.0	102.0	102.0	100.5	102.8	*102.8*
75°	94.5	90.0	85.5	84.0	85.5	84.0	81.8	81.0	81.8	81.0	*81.0*
77.5°	69.8	67.5	66.0	65.3	65.3	62.3	60.8	62.3	59.3	60.8	*60.8*
80°	48.8	45.8	45.0	43.5	44.3	42.0	42.8	41.3	41.3	41.3	*41.3*
82.5°	30.8	30.0	30.0	30.0	29.3	29.3	29.3	29.3	29.3	29.3	*28.5*
85°	18.8	18.0	18.0	18.0	17.3	17.3	17.3	17.3	17.3	17.3	*17.3*
87.5°	7.5	8.3	8.3	9.0	8.3	7.5	7.5	7.5	8.3	8.3	*7.5*
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):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6
2.5°	973.6	968.4	970.6	968.4	966.1	963.9	958.6	951.1	945.1	940.6	939.9
5°	1048.6	1041.9	1037.4	1035.1	1030.6	1024.6	1014.9	1003.6	990.1	984.9	974.4
7.5°	1117.6	1115.4	1104.9	1103.4	1100.4	1089.1	1072.6	1057.6	1040.4	1026.1	1012.6
10°	1182.9	1177.7	1170.2	1159.7	1158.2	1143.9	1128.1	1107.1	1084.6	1071.1	1047.1
12.5°	1223.4	1217.4	1209.2	1202.4	1198.7	1189.7	1167.9	1146.9	1126.6	1101.9	1080.9
15°	1252.7	1245.2	1230.2	1224.9	1220.4	1208.4	1192.7	1170.9	1143.9	1126.6	1096.6
17.5°	1292.4	1283.4	1268.4	1258.7	1250.4	1231.7	1209.2	1179.9	1154.4	1134.9	1107.9
20°	1338.2	1324.7	1305.2	1292.4	1280.4	1258.7	1227.2	1192.7	1155.9	1131.9	1104.1
22.5°	1413.9	1388.4	1357.7	1339.7	1323.2	1285.7	1248.2	1205.4	1164.2	1128.1	1094.4
25°	1487.4	1461.9	1423.7	1398.9	1373.4	1329.9	1280.4	1221.2	1168.7	1126.6	1082.4
27.5°	1555.7	1529.5	1494.2	1464.2	1439.4	1374.2	1308.9	1242.2	1175.4	1117.6	1072.6
30°	*1571.5*	*1560.2*	*1533.2*	*1506.9*	*1484.4*	*1424.4*	*1348.7*	*1263.9*	*1183.7*	*1109.4*	*1059.1*
32.5°	1476.2	1503.9	1510.7	1506.9	1492.7	1449.9	1380.2	1290.9	1195.7	1105.6	1036.6
35°	1278.2	1328.4	1380.2	1407.9	1421.4	1427.4	1386.2	1304.4	1203.9	1099.6	1021.6
37.5°	1059.9	1108.6	1190.4	1231.7	1277.4	1337.4	1353.9	1301.4	1200.2	1095.1	997.6
40°	870.9	933.1	1000.6	1038.1	1077.9	1185.9	1267.7	1261.7	1188.2	1078.6	978.9
42.5°	708.8	747.8	807.1	848.4	897.1	1017.9	1127.4	1181.4	1152.2	1058.4	954.9
45°	591.1	621.1	663.1	705.1	735.1	844.6	974.4	1062.9	1090.6	1022.4	918.1
47.5°	498.1	520.6	557.3	583.6	615.8	702.1	814.6	939.1	997.6	971.4	879.1
50°	426.8	444.8	474.1	490.6	519.1	593.3	678.8	809.4	897.9	900.9	827.4
52.5°	364.5	382.6	407.3	421.6	438.8	489.1	575.3	685.6	787.6	825.1	768.1
55°	317.3	327.8	348.0	359.3	375.0	423.8	478.6	572.3	678.8	740.3	704.3
57.5°	273.8	285.0	297.8	306.8	318.0	357.0	406.6	477.1	582.8	649.6	637.6
60°	238.5	245.3	257.3	264.0	274.5	300.0	334.5	405.1	489.1	552.1	558.8
62.5°	205.5	211.5	219.8	225.8	232.5	252.8	278.3	328.5	402.1	470.3	479.3
65°	177.0	182.3	186.8	192.0	197.3	210.0	231.8	270.8	327.8	391.6	411.1
67.5°	151.5	153.0	159.8	160.5	163.5	173.3	189.0	220.5	261.8	312.8	338.3
70°	126.8	129.8	131.3	133.5	136.5	143.3	156.0	172.5	203.3	244.5	268.5
72.5°	102.8	103.5	105.8	107.3	110.3	115.5	121.5	134.3	153.8	183.8	205.5
75°	81.8	82.5	84.0	84.8	87.0	88.5	91.5	100.5	114.0	132.0	147.8
77.5°	61.5	63.0	64.5	64.5	65.3	66.8	68.3	71.3	78.0	90.0	103.5
80°	42.0	42.8	42.8	43.5	42.8	45.0	47.3	51.0	54.0	57.8	64.5
82.5°	29.3	29.3	29.3	30.0	30.0	30.8	30.8	31.5	32.3	34.5	37.5
85°	18.0	18.0	18.8	17.3	18.0	18.8	18.8	18.0	18.8	19.5	20.3
87.5°	7.5	7.5	8.3	8.3	8.3	8.3	7.5	8.3	7.5	8.3	8.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

TEST NUMBER: P1007281
CATALOG NUMBER: S125RDW-B610DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6
2.5°	937.6	933.1	930.1	929.4	924.9	921.1	916.6	915.9	913.6	907.6	903.9
5°	966.9	956.4	954.1	947.4	936.1	927.9	917.4	911.4	904.6	893.4	884.4
7.5°	996.9	982.6	972.1	962.4	946.6	931.6	916.6	904.6	892.6	876.1	862.6
10°	1026.1	1004.4	991.6	977.4	955.6	933.1	912.1	894.9	875.4	855.9	836.4
12.5°	1053.1	1025.4	1006.6	986.4	959.4	931.6	904.6	880.6	860.4	834.1	812.4
15°	1069.6	1038.9	1020.1	1000.6	960.1	929.4	897.9	867.1	840.1	812.4	792.1
17.5°	1079.4	1044.9	1023.9	1005.9	964.6	922.6	882.1	849.1	819.9	786.9	759.8
20°	1074.9	1041.1	1021.6	1004.4	956.4	914.4	870.9	832.6	795.9	762.1	733.6
22.5°	1065.1	1029.9	1008.1	992.4	949.6	900.1	852.1	810.9	772.6	738.8	706.6
25°	1044.1	1009.6	990.9	971.4	929.4	882.1	833.4	789.1	748.6	712.6	676.6
27.5°	1025.4	983.4	963.9	946.6	902.4	860.4	812.4	763.6	722.3	684.8	648.8
30°	*1003.6*	*956.4*	*935.4*	*912.1*	*872.4*	*832.6*	*784.6*	*739.6*	*696.8*	*657.1*	*622.6*
32.5°	980.4	925.6	901.6	875.4	834.9	797.4	756.8	712.6	669.8	630.8	594.8
35°	950.4	891.9	864.1	839.4	797.4	759.8	722.3	685.6	642.8	601.6	567.1
37.5°	921.9	857.4	828.1	799.6	755.3	719.3	688.6	654.1	612.8	573.1	540.1
40°	889.6	815.4	785.4	759.1	713.3	673.6	645.8	618.8	582.8	544.6	508.6
42.5°	860.4	776.4	744.8	717.8	669.8	632.3	606.1	583.6	552.1	516.8	480.1
45°	819.9	734.3	702.1	673.6	624.8	589.6	562.6	543.1	518.3	485.3	452.3
47.5°	782.4	693.8	658.6	624.1	579.8	543.8	519.1	504.1	487.6	458.3	424.6
50°	736.6	647.3	611.3	582.8	532.6	501.8	477.1	466.6	451.6	423.8	396.8
52.5°	687.1	602.3	568.6	534.1	487.6	457.6	435.8	423.8	411.8	391.6	366.0
55°	629.3	552.1	520.6	489.8	443.3	415.6	396.1	383.3	376.5	357.8	339.0
57.5°	573.8	501.1	471.8	443.3	402.8	371.3	358.5	347.3	337.5	324.0	308.3
60°	517.6	451.6	420.1	394.6	359.3	330.8	320.3	309.0	301.5	291.0	279.8
62.5°	453.1	396.8	372.8	348.8	318.8	296.3	284.3	275.3	265.5	258.8	249.0
65°	384.8	345.0	321.8	303.8	275.3	255.0	246.0	240.0	231.8	225.0	217.5
67.5°	321.0	289.5	279.8	260.3	238.5	220.5	213.8	206.3	199.5	195.8	189.0
70°	259.5	237.0	227.3	222.0	198.0	186.0	180.0	177.0	168.8	165.0	160.5
72.5°	201.0	192.8	186.0	179.3	163.5	156.0	149.3	146.3	140.3	137.3	135.8
75°	148.5	143.3	139.5	138.8	132.0	124.5	117.8	116.3	111.8	108.8	107.3
77.5°	104.3	102.8	102.0	102.8	98.3	93.8	92.3	90.8	85.5	84.8	84.8
80°	68.3	72.0	72.0	71.3	69.8	69.0	66.8	65.3	62.3	61.5	62.3
82.5°	42.0	44.3	45.0	46.5	45.8	45.0	43.5	42.8	43.5	42.0	42.8
85°	21.0	22.5	25.5	25.5	26.3	26.3	26.3	25.5	24.0	24.8	24.0
87.5°	8.3	9.0	9.0	9.0	8.3	10.5	11.3	11.3	11.3	9.8	9.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

TEST NUMBER: P1007281
CATALOG NUMBER: S125RDW-B610DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6
2.5°	901.6	898.6	896.4	894.1	884.4	873.9	872.4	870.1	865.6	870.9	868.6
5°	878.4	871.6	867.9	858.1	846.1	837.1	829.6	820.6	816.9	813.9	813.1
7.5°	849.9	843.9	837.1	827.4	812.4	797.4	786.1	777.1	769.6	765.9	765.9
10°	822.1	814.6	805.6	789.1	774.9	756.1	744.1	735.1	724.6	718.6	713.3
12.5°	793.6	785.4	777.1	756.1	739.6	720.1	702.8	691.6	686.3	679.6	670.6
15°	765.1	752.3	744.1	723.1	702.1	682.6	671.3	659.3	647.3	640.6	637.6
17.5°	735.1	726.1	712.6	690.1	666.8	649.6	633.1	621.8	607.6	600.8	594.1
20°	708.1	694.6	681.1	658.6	636.1	612.8	596.3	582.8	573.8	568.6	562.6
22.5°	675.8	663.1	651.8	627.8	603.1	581.3	563.3	555.1	546.1	537.8	531.8
25°	648.1	635.3	624.1	597.8	570.8	550.6	537.1	526.6	516.8	513.1	507.1
27.5°	618.8	606.8	591.8	565.6	541.6	524.3	510.1	500.3	492.8	485.3	480.8
30°	*591.1*	*577.6*	*564.1*	*535.6*	*516.1*	*498.8*	*485.3*	*473.3*	*467.3*	*463.6*	*456.1*
32.5°	564.1	546.8	535.6	509.3	490.6	474.1	462.8	452.3	444.8	438.1	432.1
35°	534.8	516.1	504.8	483.1	463.6	447.1	437.3	429.8	420.8	414.8	411.8
37.5°	507.1	491.3	480.1	457.6	438.1	424.6	414.1	404.3	400.6	392.3	390.8
40°	477.1	463.6	453.1	431.3	413.3	402.8	391.6	382.6	375.8	372.0	366.8
42.5°	450.1	438.8	427.6	407.3	390.1	377.3	369.0	360.8	354.8	348.8	345.0
45°	425.3	413.3	402.8	383.3	366.0	354.8	346.5	336.8	335.3	327.0	323.3
47.5°	399.1	388.6	379.5	359.3	343.5	332.3	322.5	315.8	309.0	306.0	300.8
50°	373.5	363.0	352.5	334.5	320.3	309.0	299.3	291.8	288.0	283.5	279.0
52.5°	345.8	337.5	329.3	310.5	296.3	286.5	278.3	268.5	264.8	261.0	258.0
55°	322.5	310.5	301.5	285.8	273.0	262.5	253.5	246.0	242.3	239.3	235.5
57.5°	291.0	283.5	276.0	261.8	249.8	239.3	230.3	224.3	219.8	217.5	218.3
60°	264.0	255.8	251.3	236.3	224.3	216.0	207.8	201.8	197.3	195.0	194.3
62.5°	235.5	229.5	221.3	210.8	198.8	191.3	185.3	180.8	173.3	172.5	170.3
65°	207.8	203.3	195.8	186.0	176.3	169.5	162.8	156.8	153.8	150.0	147.8
67.5°	180.8	176.3	169.5	161.3	154.5	147.8	141.8	135.8	130.5	127.5	126.0
70°	154.5	150.8	146.3	136.5	128.3	123.0	118.5	114.8	109.5	108.0	107.3
72.5°	129.0	125.3	123.0	114.8	107.3	102.8	98.3	94.5	92.3	91.5	89.3
75°	105.8	102.0	99.0	91.5	87.0	84.0	79.5	78.0	75.8	75.0	74.3
77.5°	82.5	78.8	78.0	72.8	67.5	66.0	64.5	61.5	61.5	61.5	60.0
80°	59.3	58.5	57.8	52.5	50.3	48.8	48.0	45.8	44.3	42.8	42.0
82.5°	39.8	39.0	38.3	36.0	33.8	33.0	32.3	30.8	30.8	31.5	30.0
85°	24.0	22.5	21.8	21.0	19.5	19.5	20.3	19.5	19.5	19.5	18.8
87.5°	9.0	9.0	9.0	9.0	9.8	8.3	9.0	9.0	8.3	8.3	7.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

TEST NUMBER: P1007281
CATALOG NUMBER: S125RDW-B610DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6
2.5°	864.9	866.4	862.6	861.1	858.1	861.9	862.6	861.9	868.6	865.6	867.1
5°	814.6	811.6	809.4	804.1	804.1	804.9	807.1	803.4	805.6	810.9	810.1
7.5°	759.1	757.6	758.3	752.3	747.8	749.3	747.8	754.6	758.3	756.8	759.8
10°	708.8	711.8	705.1	702.1	699.1	702.1	701.3	702.8	707.3	710.3	715.6
12.5°	668.3	667.6	663.8	660.8	655.6	657.1	661.6	660.1	660.8	667.6	666.8
15°	630.1	625.6	622.6	615.8	617.3	612.1	616.6	621.8	624.1	630.1	633.8
17.5°	591.8	591.1	587.3	586.6	578.3	576.1	580.6	582.1	584.3	587.3	592.6
20°	559.6	558.8	553.6	552.1	545.3	549.8	548.3	551.3	552.8	558.8	561.1
22.5°	530.3	526.6	525.1	522.8	520.6	519.8	522.8	522.1	527.3	529.6	530.3
25°	503.3	500.3	499.6	495.8	494.3	492.1	494.3	496.6	502.6	504.8	507.8
27.5°	478.6	476.3	474.8	471.8	469.6	469.6	471.1	474.1	476.3	477.8	479.3
30°	*456.1*	*454.6*	*450.1*	*448.6*	*446.3*	*446.3*	*446.3*	*447.8*	*451.6*	*456.1*	*458.3*
32.5°	432.8	429.8	426.8	426.8	424.6	424.6	425.3	426.8	430.6	431.3	435.1
35°	410.3	407.3	405.1	403.6	404.3	401.3	402.8	405.1	409.6	411.1	413.3
37.5°	388.6	387.8	383.3	381.0	382.6	382.6	381.8	383.3	386.3	389.3	390.8
40°	364.5	363.0	363.0	360.8	361.5	358.5	360.8	362.3	363.8	366.8	369.0
42.5°	343.5	342.0	339.0	339.8	337.5	337.5	339.0	339.8	342.0	345.8	347.3
45°	321.0	321.0	319.5	317.3	318.0	315.8	317.3	318.0	321.0	324.8	323.3
47.5°	299.3	298.5	298.5	295.5	297.0	294.8	297.0	297.8	299.3	301.5	300.8
50°	278.3	276.0	276.8	276.0	275.3	275.3	276.8	276.8	278.3	278.3	280.5
52.5°	256.5	256.5	255.0	255.8	257.3	255.8	258.0	255.8	257.3	258.0	259.5
55°	237.0	235.5	236.3	235.5	238.5	236.3	238.5	237.0	238.5	237.8	239.3
57.5°	216.0	213.8	214.5	213.8	216.0	215.3	217.5	215.3	216.0	216.8	219.0
60°	192.0	192.0	192.0	190.5	192.8	192.8	192.0	192.0	195.0	196.5	195.8
62.5°	169.5	168.8	166.5	165.8	166.5	165.0	168.0	167.3	168.8	170.3	171.8
65°	144.8	143.3	142.5	141.0	141.0	140.3	141.0	144.0	144.8	145.5	149.3
67.5°	124.5	123.8	123.0	120.8	120.8	122.3	122.3	122.3	126.8	124.5	127.5
70°	106.5	105.0	103.5	102.8	102.8	103.5	104.3	105.0	104.3	107.3	108.0
72.5°	89.3	90.0	88.5	88.5	88.5	87.8	87.8	89.3	90.0	89.3	90.0
75°	74.3	74.3	73.5	74.3	74.3	73.5	73.5	75.0	75.0	74.3	76.5
77.5°	60.0	59.3	57.8	56.3	57.0	56.3	57.0	56.3	58.5	60.8	59.3
80°	42.0	41.3	41.3	41.3	42.0	41.3	42.8	41.3	42.0	42.0	42.8
82.5°	30.0	30.8	30.8	30.0	30.8	30.0	30.8	30.8	30.8	30.0	30.8
85°	19.5	19.5	19.5	19.5	18.8	19.5	19.5	19.5	20.3	19.5	20.3
87.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	9.0	8.3	9.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

TEST NUMBER: P1007281
CATALOG NUMBER: S125RDW-B610DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6	913.6
2.5°	864.1	867.9	864.9	862.6	868.6	871.6	871.6	876.9	882.1	886.6	887.4
5°	810.9	816.9	818.4	817.6	826.6	831.1	840.9	846.1	853.6	858.9	864.9
7.5°	762.1	770.4	771.1	772.6	786.1	793.6	801.9	815.4	825.9	833.4	840.1
10°	713.3	718.6	723.8	730.6	744.1	756.8	768.9	783.1	796.6	804.1	813.9
12.5°	676.6	680.3	686.3	690.8	705.1	716.3	732.1	751.6	771.1	777.1	789.1
15°	638.3	640.6	652.6	657.1	669.1	687.8	697.6	716.3	737.3	748.6	762.1
17.5°	594.1	607.6	615.1	620.3	635.3	650.3	666.1	685.6	712.6	723.1	732.8
20°	562.6	572.3	580.6	587.3	600.8	623.3	637.6	653.3	678.8	690.8	705.1
22.5°	534.8	543.1	550.6	558.1	567.1	587.3	603.8	625.6	651.1	662.3	678.8
25°	508.6	516.8	521.3	530.3	542.3	556.6	576.1	595.6	621.1	633.8	649.6
27.5°	483.1	491.3	499.6	507.1	515.3	528.8	542.3	567.1	593.3	608.3	621.8
30°	*461.3*	*465.1*	*472.6*	*480.8*	*489.1*	*501.8*	*517.6*	*534.8*	*564.8*	*578.3*	*594.8*
32.5°	437.3	444.1	449.3	455.3	465.8	476.3	490.6	512.3	536.3	549.1	567.1
35°	414.8	420.8	424.6	435.1	441.8	453.1	467.3	486.8	507.1	521.3	537.1
37.5°	393.1	399.1	403.6	409.6	418.6	428.3	443.3	457.6	481.6	493.6	511.6
40°	370.5	375.8	381.0	387.8	396.1	408.1	417.1	435.1	454.6	468.1	481.6
42.5°	348.8	351.8	357.8	365.3	373.5	384.1	396.8	411.1	430.6	442.6	454.6
45°	325.5	330.8	337.5	342.8	350.3	360.8	372.0	384.8	404.3	416.3	429.1
47.5°	303.8	307.5	312.0	320.3	330.0	337.5	349.5	361.5	379.5	390.8	402.8
50°	281.3	285.0	291.8	297.0	304.5	314.3	325.5	338.3	355.5	363.0	375.0
52.5°	260.3	261.8	268.5	273.8	281.3	292.5	301.5	312.8	329.3	337.5	349.5
55°	239.3	240.8	244.5	249.8	258.0	267.0	276.8	289.5	303.8	311.3	322.5
57.5°	217.5	219.0	222.8	226.5	234.8	243.0	254.3	264.8	279.0	285.8	296.3
60°	195.8	195.8	199.5	204.8	210.8	218.3	228.0	240.8	251.3	259.5	267.0
62.5°	172.5	174.8	177.0	180.8	187.5	196.5	204.8	213.8	226.5	232.5	239.3
65°	149.3	151.5	156.0	159.8	165.0	171.0	181.5	189.0	198.8	205.5	211.5
67.5°	129.0	131.3	134.3	138.8	142.5	149.3	156.8	164.3	174.8	179.3	183.8
70°	108.0	110.3	112.5	118.5	122.3	127.5	132.8	140.3	149.3	152.3	156.0
72.5°	91.5	92.3	95.3	96.8	102.0	106.5	112.5	117.0	123.8	127.5	130.5
75°	77.3	77.3	78.0	79.5	82.5	85.5	90.0	94.5	100.5	102.8	106.5
77.5°	60.8	63.0	62.3	63.8	65.3	66.8	70.5	73.5	79.5	81.0	82.5
80°	43.5	44.3	46.5	48.8	48.8	51.0	53.3	54.0	57.8	60.0	60.0
82.5°	31.5	32.3	31.5	32.3	33.0	33.8	36.0	39.0	39.0	39.8	41.3
85°	19.5	19.5	20.3	21.0	21.0	20.3	21.8	21.0	21.8	23.3	23.3
87.5°	9.8	9.0	9.0	9.0	9.0	9.0	9.8	9.0	9.8	9.8	9.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

TEST NUMBER: P1007281
CATALOG NUMBER: S125RDW-B610DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	913.6	913.6	913.6	913.6
2.5°	892.6	899.4	906.1	914.4
5°	874.6	886.6	899.4	911.4
7.5°	855.1	872.4	888.9	906.1
10°	833.4	855.1	873.9	897.9
12.5°	809.4	832.6	858.9	885.9
15°	785.4	814.6	842.4	873.1
17.5°	762.8	790.6	821.4	858.1
20°	735.8	766.6	801.1	840.1
22.5°	707.3	741.1	778.6	820.6
25°	683.3	717.8	753.8	798.1
27.5°	657.1	693.1	728.3	775.6
30°	*627.1*	*666.1*	*702.1*	*750.8*
32.5°	598.6	637.6	677.3	723.1
35°	570.8	609.1	648.8	695.3
37.5°	544.6	579.1	618.1	660.1
40°	519.8	551.3	585.8	624.1
42.5°	488.3	525.1	557.3	585.1
45°	461.3	491.3	521.3	543.8
47.5°	429.8	459.8	485.3	503.3
50°	403.6	427.6	448.6	464.3
52.5°	372.0	394.6	411.8	423.8
55°	341.3	360.8	375.8	384.1
57.5°	313.5	326.3	337.5	345.0
60°	282.8	292.5	302.3	310.5
62.5°	249.8	260.3	265.5	274.5
65°	220.5	227.3	235.5	238.5
67.5°	192.0	195.8	201.0	207.0
70°	162.0	164.3	169.5	177.8
72.5°	135.8	138.0	141.8	144.8
75°	108.0	110.3	113.3	116.3
77.5°	84.8	85.5	87.0	90.0
80°	61.5	63.8	65.3	66.0
82.5°	42.8	43.5	43.5	44.3
85°	27.0	25.5	25.5	26.3
87.5°	9.8	11.3	11.3	12.8
90°	0.0	0.0	0.0	0.0

(END OF REPORT)