

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: P1038221

Luminaire Tested: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/2/2025

Test Information

Test Method: LM-79-2019
Report Number: P1038221
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: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K
Description: Define 5 Regressed Direct Surface with 2700K BioUP LEDs {m-DER=0.473} {m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

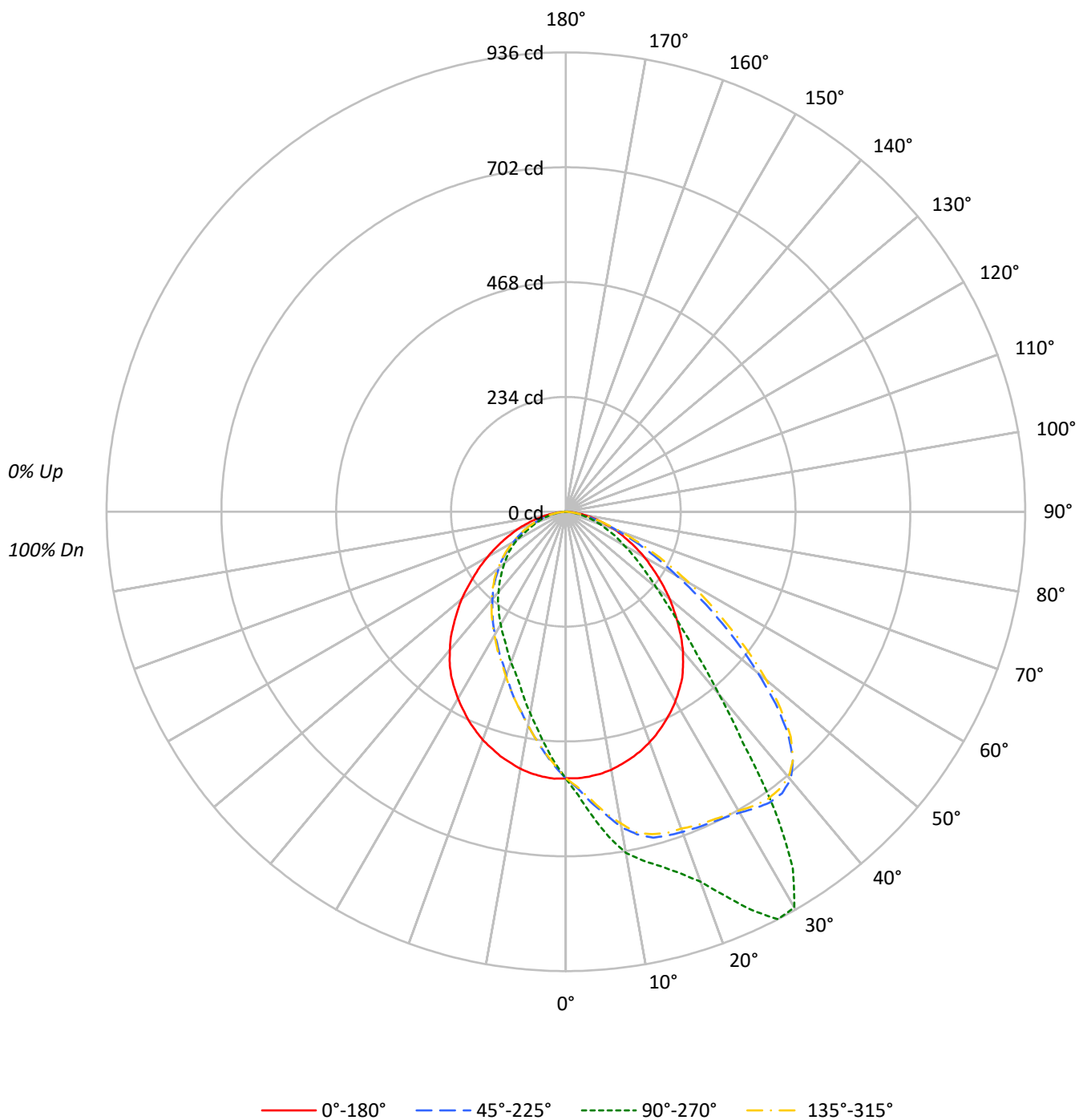
Lumens per Lamp: N/A
Luminaire Lumens: 1407.0 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 13
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

TEST NUMBER: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					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°	3480	3480	3480	3480
5°	3484	4003	3484	3077
10°	3472	4592	3461	2715
15°	3443	4960	3419	2413
20°	3405	5469	3374	2228
25°	3354	6329	3316	2068
30°	3302	6888	3252	1963
35°	3233	5810	3187	1865
40°	3103	4057	3076	1782
45°	2929	3010	2925	1701
50°	2751	2400	2764	1631
55°	2550	2037	2545	1569
60°	2365	1759	2354	1469
65°	2150	1568	2163	1264
70°	1980	1379	1971	1152
75°	1711	1193	1711	1082
80°	1446	904	1432	904
85°	1147	757	1117	853

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5874 cd/sqm

TEST NUMBER: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.1	3.7
10°-20°	152.7	10.9
20°-30°	242.1	17.2
30°-40°	292.5	20.8
40°-50°	260.4	18.5
50°-60°	199.7	14.2
60°-70°	129.7	9.2
70°-80°	62.9	4.5
80°-90°	14.8	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°	446.8	31.8
0°-40°	739.4	52.5
0°-60°	1199.5	85.3
0°-90°	1407.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1407.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	543	543	543	543	543	
5°	542	622	542	478	542	51
15°	519	748	515	364	519	146
25°	474	895	469	292	474	219
35°	413	743	408	238	413	257
45°	323	332	323	188	323	249
55°	228	182	228	140	228	205
65°	142	103	143	83	142	142
75°	69	48	69	44	69	74
85°	16	10	15	12	16	19
90°	0	0	0	0	0	

TEST NUMBER: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	543.5	548.0	549.3	552.9	556.9	557.8	560.0	563.1	564.9	564.5	564.5
5°	541.7	549.3	554.7	560.9	568.5	571.6	574.3	581.0	586.3	589.4	594.8
7.5°	538.6	549.8	558.7	568.0	579.6	585.0	590.8	600.1	610.0	616.2	622.0
10°	533.7	548.0	560.5	574.3	589.9	597.9	605.1	619.3	631.4	639.4	652.8
12.5°	526.6	544.4	561.8	580.1	599.7	608.2	618.0	633.6	650.5	662.1	673.3
15°	519.0	540.4	559.1	581.0	604.6	617.5	630.0	646.5	661.7	674.6	687.5
17.5°	510.1	532.8	556.0	581.0	607.7	620.7	631.4	651.0	667.0	680.0	691.6
20°	499.4	524.8	551.1	578.7	605.9	618.0	628.2	649.6	663.9	677.7	694.2
22.5°	487.8	515.4	543.5	570.7	597.5	610.4	622.4	641.2	656.8	675.5	696.9
25°	474.4	504.7	533.3	560.5	585.9	597.9	608.6	629.1	651.0	674.6	698.7
27.5°	461.0	490.5	518.1	543.1	570.7	581.9	592.6	618.4	644.3	669.3	702.3
30°	446.3	476.2	500.3	523.5	550.2	561.8	575.2	604.6	634.0	667.9	708.1
32.5°	429.8	457.0	479.3	503.4	527.5	541.7	558.7	590.8	624.7	665.2	716.5
35°	413.3	435.2	455.7	478.4	507.4	522.6	539.1	573.0	615.3	663.9	723.7
37.5°	392.4	413.3	429.4	452.6	482.4	500.3	516.8	556.0	604.2	660.8	723.2
40°	371.0	388.8	404.0	428.0	460.6	477.1	494.9	537.7	592.6	651.9	712.5
42.5°	347.8	362.9	379.4	402.6	434.3	450.3	470.8	520.8	576.5	639.4	684.9
45°	323.3	338.0	351.8	375.9	407.5	424.9	447.2	498.5	556.9	613.1	640.3
47.5°	299.2	312.1	326.8	347.8	379.9	399.1	421.8	476.6	530.6	577.9	580.1
50°	276.0	286.3	298.7	320.1	353.6	371.9	395.5	446.8	499.4	531.9	510.1
52.5°	251.9	261.3	274.2	292.9	324.2	345.6	366.1	417.3	461.5	483.3	443.2
55°	228.3	236.3	249.7	270.6	297.8	314.3	335.3	383.0	421.8	422.2	378.5
57.5°	205.1	212.2	223.4	242.1	267.5	286.7	305.9	347.3	373.6	366.1	317.5
60°	184.6	189.1	199.3	217.6	241.2	255.0	275.6	310.3	327.7	313.9	261.7
62.5°	163.2	167.6	175.7	190.4	212.7	227.4	240.3	268.9	280.9	259.9	217.1
65°	141.8	147.1	152.9	164.5	185.5	195.3	206.9	227.8	239.4	214.9	177.9
67.5°	123.1	125.7	131.5	143.6	158.3	167.2	175.2	189.5	191.7	172.1	141.8
70°	105.7	106.6	111.9	119.0	130.2	135.5	142.2	150.7	150.7	134.7	110.6
72.5°	86.1	87.4	91.4	99.0	105.7	108.3	110.6	115.9	115.0	100.3	83.8
75°	69.1	70.0	73.1	76.7	79.4	84.3	86.1	85.2	84.7	72.2	62.9
77.5°	53.5	54.0	56.2	59.3	59.7	61.5	60.2	60.2	56.2	49.0	44.1
80°	39.2	39.7	40.6	41.5	41.5	41.5	41.5	39.2	36.6	32.1	30.8
82.5°	26.3	26.3	26.8	27.6	27.2	26.3	25.4	23.2	21.4	20.1	19.2
85°	15.6	15.6	16.1	15.6	13.8	13.4	12.5	12.0	11.6	11.1	11.1
87.5°	7.6	7.1	6.2	5.4	5.4	5.4	5.4	5.4	5.4	4.9	4.9
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: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	566.7	569.8	572.5	571.2	576.5	576.1	577.0	578.7	579.2	578.3	576.5
5°	597.5	601.9	609.5	613.5	612.6	616.2	618.0	620.7	623.3	622.4	622.4
7.5°	631.8	638.0	645.6	655.9	657.2	660.3	665.7	665.7	668.8	667.5	667.0
10°	661.7	669.3	681.3	689.3	692.9	694.7	700.0	701.8	705.4	705.8	705.8
12.5°	686.2	699.6	707.6	715.6	717.4	720.1	724.1	726.8	728.1	728.1	726.8
15°	699.1	709.8	719.2	727.7	732.6	734.8	738.8	741.9	743.7	747.7	748.6
17.5°	704.5	717.4	732.6	744.6	753.1	755.3	763.3	766.0	769.6	771.4	773.6
20°	712.1	730.8	749.1	763.8	771.8	777.6	786.1	798.6	802.1	802.1	800.8
22.5°	718.8	742.8	767.8	791.4	798.1	809.7	825.3	838.7	844.0	846.3	844.5
25°	726.8	759.8	792.3	821.7	840.0	848.5	869.5	885.5	891.8	895.3	896.2
27.5°	740.6	782.1	823.5	861.0	879.7	889.5	911.4	925.2	932.8	935.9	933.7
30°	756.2	807.0	855.2	888.6	901.1	913.2	927.4	932.8	931.0	931.0	937.7
32.5°	772.3	824.9	867.7	889.5	894.0	892.2	886.4	870.3	861.0	861.0	866.8
35°	781.2	826.7	848.5	841.4	824.0	813.7	782.1	764.2	744.2	742.8	749.5
37.5°	776.3	795.9	787.0	740.2	716.5	696.9	647.4	627.8	613.1	592.6	624.2
40°	741.9	735.2	688.9	621.6	595.2	567.6	528.4	508.7	488.2	485.1	492.7
42.5°	684.0	644.3	576.5	511.4	484.7	465.0	435.2	416.0	403.1	397.7	406.6
45°	611.7	549.3	481.5	429.8	400.4	390.1	362.9	346.0	336.2	332.2	338.4
47.5°	523.5	460.6	396.4	352.7	335.3	325.0	306.8	292.0	283.6	280.9	283.6
50°	444.5	379.9	325.9	297.8	282.2	273.8	258.6	249.2	242.6	240.8	245.2
52.5°	376.3	317.5	276.4	251.5	241.2	234.1	223.4	215.4	211.3	209.6	212.7
55°	315.2	267.5	234.5	213.1	205.5	201.1	191.7	187.3	182.8	182.4	185.5
57.5°	261.3	228.3	198.0	182.8	180.6	173.9	165.9	161.9	159.6	159.2	160.5
60°	217.6	188.2	169.9	156.5	153.4	148.0	143.6	140.9	138.2	137.3	138.2
62.5°	181.0	157.8	143.1	134.2	129.7	128.4	123.5	120.4	119.9	119.9	120.8
65°	149.4	129.7	120.4	113.3	110.1	108.8	105.2	103.0	103.4	103.4	103.9
67.5°	121.7	107.5	99.0	95.4	92.7	92.3	88.7	87.8	86.9	86.9	87.8
70°	96.8	87.8	81.6	79.8	79.4	76.2	74.9	74.5	73.1	73.6	73.6
72.5°	75.8	70.0	66.4	63.8	64.2	62.4	60.6	60.6	59.7	61.1	61.1
75°	56.2	53.5	50.8	49.9	50.8	49.9	48.6	48.2	48.6	48.2	48.2
77.5°	41.5	40.1	39.2	38.8	38.8	37.0	36.1	37.0	35.2	36.1	36.1
80°	29.0	27.2	26.8	25.9	26.3	25.0	25.4	24.5	24.5	24.5	24.5
82.5°	18.3	17.8	17.8	17.8	17.4	17.4	17.4	17.4	17.4	17.4	16.9
85°	11.1	10.7	10.7	10.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3
87.5°	4.5	4.9	4.9	5.4	4.9	4.5	4.5	4.5	4.9	4.9	4.5
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: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	578.7	575.6	577.0	575.6	574.3	573.0	569.8	565.4	561.8	559.1	558.7
5°	623.3	619.3	616.6	615.3	612.6	609.1	603.3	596.6	588.6	585.4	579.2
7.5°	664.4	663.0	656.8	655.9	654.1	647.4	637.6	628.7	618.4	610.0	601.9
10°	703.1	700.0	695.6	689.3	688.4	680.0	670.6	658.1	644.7	636.7	622.4
12.5°	727.2	723.7	718.8	714.7	712.5	707.2	694.2	681.7	669.7	655.0	642.5
15°	744.6	740.2	731.2	728.1	725.4	718.3	708.9	696.0	680.0	669.7	651.9
17.5°	768.2	762.9	754.0	748.2	743.3	732.1	718.8	701.4	686.2	674.6	658.6
20°	795.4	787.4	775.8	768.2	761.1	748.2	729.5	708.9	687.1	672.8	656.3
22.5°	840.5	825.3	807.0	796.3	786.5	764.2	741.9	716.5	692.0	670.6	650.5
25°	884.2	869.0	846.3	831.6	816.4	790.5	761.1	725.9	694.7	669.7	643.4
27.5°	924.7	909.1	888.2	870.3	855.6	816.8	778.1	738.4	698.7	664.4	637.6
30°	934.1	927.4	911.4	895.8	882.4	846.7	801.7	751.3	703.6	659.5	629.6
32.5°	877.5	894.0	898.0	895.8	887.3	861.9	820.4	767.4	710.7	657.2	616.2
35°	759.8	789.6	820.4	836.9	844.9	848.5	824.0	775.4	715.6	653.7	607.3
37.5°	630.0	659.0	707.6	732.1	759.3	795.0	804.8	773.6	713.4	651.0	593.0
40°	517.7	554.7	594.8	617.1	640.7	704.9	753.5	750.0	706.3	641.2	581.9
42.5°	421.4	444.5	479.8	504.3	533.3	605.1	670.2	702.3	684.9	629.1	567.6
45°	351.4	369.2	394.2	419.1	437.0	502.1	579.2	631.8	648.3	607.7	545.8
47.5°	296.1	309.4	331.3	346.9	366.1	417.3	484.2	558.2	593.0	577.4	522.6
50°	253.7	264.4	281.8	291.6	308.5	352.7	403.5	481.1	533.7	535.5	491.8
52.5°	216.7	227.4	242.1	250.6	260.8	290.7	342.0	407.5	468.2	490.5	456.6
55°	188.6	194.8	206.9	213.6	222.9	251.9	284.5	340.2	403.5	440.1	418.7
57.5°	162.7	169.4	177.0	182.4	189.1	212.2	241.7	283.6	346.4	386.1	379.0
60°	141.8	145.8	152.9	156.9	163.2	178.4	198.9	240.8	290.7	328.2	332.2
62.5°	122.2	125.7	130.6	134.2	138.2	150.3	165.4	195.3	239.0	279.6	284.9
65°	105.2	108.3	111.0	114.1	117.3	124.8	137.8	161.0	194.8	232.7	244.3
67.5°	90.1	91.0	95.0	95.4	97.2	103.0	112.4	131.1	155.6	185.9	201.1
70°	75.4	77.1	78.0	79.4	81.1	85.2	92.7	102.6	120.8	145.4	159.6
72.5°	61.1	61.5	62.9	63.8	65.5	68.7	72.2	79.8	91.4	109.2	122.2
75°	48.6	49.0	49.9	50.4	51.7	52.6	54.4	59.7	67.8	78.5	87.8
77.5°	36.6	37.5	38.3	38.3	38.8	39.7	40.6	42.4	46.4	53.5	61.5
80°	25.0	25.4	25.4	25.9	25.4	26.8	28.1	30.3	32.1	34.3	38.3
82.5°	17.4	17.4	17.4	17.8	17.8	18.3	18.3	18.7	19.2	20.5	22.3
85°	10.7	10.7	11.1	10.3	10.7	11.1	11.1	10.7	11.1	11.6	12.0
87.5°	4.5	4.5	4.9	4.9	4.9	4.9	4.5	4.9	4.5	4.9	4.9
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: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	557.3	554.7	552.9	552.4	549.8	547.5	544.9	544.4	543.1	539.5	537.3
5°	574.7	568.5	567.2	563.1	556.5	551.5	545.3	541.7	537.7	531.0	525.7
7.5°	592.6	584.1	577.9	572.1	562.7	553.8	544.9	537.7	530.6	520.8	512.8
10°	610.0	597.0	589.4	581.0	568.0	554.7	542.2	531.9	520.3	508.7	497.2
12.5°	626.0	609.5	598.4	586.3	570.3	553.8	537.7	523.5	511.4	495.8	482.9
15°	635.8	617.5	606.4	594.8	570.7	552.4	533.7	515.4	499.4	482.9	470.8
17.5°	641.6	621.1	608.6	597.9	573.4	548.4	524.3	504.7	487.3	467.7	451.7
20°	638.9	618.9	607.3	597.0	568.5	543.5	517.7	494.9	473.1	453.0	436.1
22.5°	633.1	612.2	599.3	589.9	564.5	535.1	506.5	482.0	459.3	439.2	420.0
25°	620.7	600.1	589.0	577.4	552.4	524.3	495.4	469.1	445.0	423.6	402.2
27.5°	609.5	584.5	573.0	562.7	536.4	511.4	482.9	453.9	429.4	407.1	385.7
30°	596.6	568.5	556.0	542.2	518.6	494.9	466.4	439.6	414.2	390.6	370.1
32.5°	582.8	550.2	535.9	520.3	496.3	474.0	449.9	423.6	398.2	375.0	353.6
35°	564.9	530.1	513.6	498.9	474.0	451.7	429.4	407.5	382.1	357.6	337.1
37.5°	548.0	509.6	492.2	475.3	449.0	427.6	409.3	388.8	364.3	340.6	321.0
40°	528.8	484.7	466.8	451.2	424.0	400.4	383.9	367.8	346.4	323.7	302.3
42.5°	511.4	461.5	442.8	426.7	398.2	375.9	360.3	346.9	328.2	307.2	285.4
45°	487.3	436.5	417.3	400.4	371.4	350.5	334.4	322.8	308.1	288.5	268.9
47.5°	465.0	412.4	391.5	371.0	344.7	323.3	308.5	299.6	289.8	272.4	252.4
50°	437.9	384.8	363.4	346.4	316.6	298.3	283.6	277.3	268.4	251.9	235.9
52.5°	408.4	358.0	338.0	317.5	289.8	272.0	259.1	251.9	244.8	232.7	217.6
55°	374.1	328.2	309.4	291.2	263.5	247.0	235.4	227.8	223.8	212.7	201.5
57.5°	341.1	297.8	280.5	263.5	239.4	220.7	213.1	206.4	200.6	192.6	183.3
60°	307.7	268.4	249.7	234.5	213.6	196.6	190.4	183.7	179.2	173.0	166.3
62.5°	269.3	235.9	221.6	207.3	189.5	176.1	169.0	163.6	157.8	153.8	148.0
65°	228.7	205.1	191.3	180.6	163.6	151.6	146.2	142.7	137.8	133.8	129.3
67.5°	190.8	172.1	166.3	154.7	141.8	131.1	127.1	122.6	118.6	116.4	112.4
70°	154.3	140.9	135.1	132.0	117.7	110.6	107.0	105.2	100.3	98.1	95.4
72.5°	119.5	114.6	110.6	106.6	97.2	92.7	88.7	86.9	83.4	81.6	80.7
75°	88.3	85.2	82.9	82.5	78.5	74.0	70.0	69.1	66.4	64.7	63.8
77.5°	62.0	61.1	60.6	61.1	58.4	55.7	54.8	54.0	50.8	50.4	50.4
80°	40.6	42.8	42.8	42.4	41.5	41.0	39.7	38.8	37.0	36.6	37.0
82.5°	25.0	26.3	26.8	27.6	27.2	26.8	25.9	25.4	25.9	25.0	25.4
85°	12.5	13.4	15.2	15.2	15.6	15.6	15.6	15.2	14.3	14.7	14.3
87.5°	4.9	5.4	5.4	5.4	4.9	6.2	6.7	6.7	6.7	5.8	5.8
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: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	535.9	534.2	532.8	531.5	525.7	519.4	518.6	517.2	514.5	517.7	516.3
5°	522.1	518.1	515.9	510.1	502.9	497.6	493.1	487.8	485.6	483.8	483.3
7.5°	505.2	501.6	497.6	491.8	482.9	474.0	467.3	461.9	457.5	455.2	455.2
10°	488.7	484.2	478.9	469.1	460.6	449.4	442.3	437.0	430.7	427.1	424.0
12.5°	471.7	466.8	461.9	449.4	439.6	428.0	417.8	411.1	408.0	404.0	398.6
15°	454.8	447.2	442.3	429.8	417.3	405.7	399.1	391.9	384.8	380.8	379.0
17.5°	437.0	431.6	423.6	410.2	396.4	386.1	376.3	369.6	361.2	357.1	353.1
20°	420.9	412.9	404.9	391.5	378.1	364.3	354.5	346.4	341.1	338.0	334.4
22.5°	401.7	394.2	387.5	373.2	358.5	345.6	334.9	329.9	324.6	319.7	316.1
25°	385.2	377.7	371.0	355.4	339.3	327.3	319.2	313.0	307.2	305.0	301.4
27.5°	367.8	360.7	351.8	336.2	321.9	311.7	303.2	297.4	292.9	288.5	285.8
30°	351.4	343.3	335.3	318.4	306.8	296.5	288.5	281.3	277.8	275.6	271.1
32.5°	335.3	325.0	318.4	302.7	291.6	281.8	275.1	268.9	264.4	260.4	256.8
35°	317.9	306.8	300.1	287.1	275.6	265.7	259.9	255.5	250.1	246.6	244.8
37.5°	301.4	292.0	285.4	272.0	260.4	252.4	246.1	240.3	238.1	233.2	232.3
40°	283.6	275.6	269.3	256.4	245.7	239.4	232.7	227.4	223.4	221.2	218.0
42.5°	267.5	260.8	254.1	242.1	231.9	224.3	219.4	214.5	210.9	207.3	205.1
45°	252.8	245.7	239.4	227.8	217.6	210.9	206.0	200.2	199.3	194.4	192.2
47.5°	237.2	231.0	225.6	213.6	204.2	197.5	191.7	187.7	183.7	181.9	178.8
50°	222.0	215.8	209.6	198.9	190.4	183.7	177.9	173.4	171.2	168.5	165.9
52.5°	205.5	200.6	195.7	184.6	176.1	170.3	165.4	159.6	157.4	155.2	153.4
55°	191.7	184.6	179.2	169.9	162.3	156.1	150.7	146.2	144.0	142.2	140.0
57.5°	173.0	168.5	164.1	155.6	148.5	142.2	136.9	133.3	130.6	129.3	129.7
60°	156.9	152.0	149.4	140.5	133.3	128.4	123.5	119.9	117.3	115.9	115.5
62.5°	140.0	136.4	131.5	125.3	118.2	113.7	110.1	107.5	103.0	102.6	101.2
65°	123.5	120.8	116.4	110.6	104.8	100.8	96.8	93.2	91.4	89.2	87.8
67.5°	107.5	104.8	100.8	95.9	91.9	87.8	84.3	80.7	77.6	75.8	74.9
70°	91.9	89.6	86.9	81.1	76.2	73.1	70.4	68.2	65.1	64.2	63.8
72.5°	76.7	74.5	73.1	68.2	63.8	61.1	58.4	56.2	54.8	54.4	53.1
75°	62.9	60.6	58.9	54.4	51.7	49.9	47.3	46.4	45.0	44.6	44.1
77.5°	49.0	46.8	46.4	43.2	40.1	39.2	38.3	36.6	36.6	36.6	35.7
80°	35.2	34.8	34.3	31.2	29.9	29.0	28.5	27.2	26.3	25.4	25.0
82.5°	23.6	23.2	22.7	21.4	20.1	19.6	19.2	18.3	18.3	18.7	17.8
85°	14.3	13.4	12.9	12.5	11.6	11.6	12.0	11.6	11.6	11.6	11.1
87.5°	5.4	5.4	5.4	5.4	5.8	4.9	5.4	5.4	4.9	4.9	4.5
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: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	514.1	515.0	512.8	511.9	510.1	512.3	512.8	512.3	516.3	514.5	515.4
5°	484.2	482.4	481.1	478.0	478.0	478.4	479.8	477.5	478.9	482.0	481.5
7.5°	451.2	450.3	450.8	447.2	444.5	445.4	444.5	448.6	450.8	449.9	451.7
10°	421.4	423.1	419.1	417.3	415.6	417.3	416.9	417.8	420.5	422.2	425.4
12.5°	397.3	396.8	394.6	392.8	389.7	390.6	393.3	392.4	392.8	396.8	396.4
15°	374.5	371.9	370.1	366.1	367.0	363.8	366.5	369.6	371.0	374.5	376.8
17.5°	351.8	351.4	349.1	348.7	343.8	342.4	345.1	346.0	347.3	349.1	352.2
20°	332.6	332.2	329.1	328.2	324.2	326.8	325.9	327.7	328.6	332.2	333.5
22.5°	315.2	313.0	312.1	310.8	309.4	309.0	310.8	310.3	313.5	314.8	315.2
25°	299.2	297.4	297.0	294.7	293.8	292.5	293.8	295.2	298.7	300.1	301.9
27.5°	284.5	283.1	282.2	280.5	279.1	279.1	280.0	281.8	283.1	284.0	284.9
30°	271.1	270.2	267.5	266.6	265.3	265.3	265.3	266.2	268.4	271.1	272.4
32.5°	257.3	255.5	253.7	253.7	252.4	252.4	252.8	253.7	255.9	256.4	258.6
35°	243.9	242.1	240.8	239.9	240.3	238.5	239.4	240.8	243.4	244.3	245.7
37.5°	231.0	230.5	227.8	226.5	227.4	227.4	227.0	227.8	229.6	231.4	232.3
40°	216.7	215.8	215.8	214.5	214.9	213.1	214.5	215.4	216.2	218.0	219.4
42.5°	204.2	203.3	201.5	202.0	200.6	200.6	201.5	202.0	203.3	205.5	206.4
45°	190.8	190.8	189.9	188.6	189.1	187.7	188.6	189.1	190.8	193.1	192.2
47.5°	177.9	177.5	177.5	175.7	176.6	175.2	176.6	177.0	177.9	179.2	178.8
50°	165.4	164.1	164.5	164.1	163.6	163.6	164.5	164.5	165.4	165.4	166.8
52.5°	152.5	152.5	151.6	152.0	152.9	152.0	153.4	152.0	152.9	153.4	154.3
55°	140.9	140.0	140.5	140.0	141.8	140.5	141.8	140.9	141.8	141.3	142.2
57.5°	128.4	127.1	127.5	127.1	128.4	128.0	129.3	128.0	128.4	128.9	130.2
60°	114.1	114.1	114.1	113.3	114.6	114.6	114.1	114.1	115.9	116.8	116.4
62.5°	100.8	100.3	99.0	98.5	99.0	98.1	99.9	99.4	100.3	101.2	102.1
65°	86.1	85.2	84.7	83.8	83.8	83.4	83.8	85.6	86.1	86.5	88.7
67.5°	74.0	73.6	73.1	71.8	71.8	72.7	72.7	72.7	75.4	74.0	75.8
70°	63.3	62.4	61.5	61.1	61.1	61.5	62.0	62.4	62.0	63.8	64.2
72.5°	53.1	53.5	52.6	52.6	52.6	52.2	52.2	53.1	53.5	53.1	53.5
75°	44.1	44.1	43.7	44.1	44.1	43.7	43.7	44.6	44.6	44.1	45.5
77.5°	35.7	35.2	34.3	33.4	33.9	33.4	33.9	33.4	34.8	36.1	35.2
80°	25.0	24.5	24.5	24.5	25.0	24.5	25.4	24.5	25.0	25.0	25.4
82.5°	17.8	18.3	18.3	17.8	18.3	17.8	18.3	18.3	18.3	17.8	18.3
85°	11.6	11.6	11.6	11.6	11.1	11.6	11.6	11.6	12.0	11.6	12.0
87.5°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.4	4.9	5.4
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: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1	543.1
2.5°	513.6	515.9	514.1	512.8	516.3	518.1	518.1	521.2	524.3	527.0	527.5
5°	482.0	485.6	486.5	486.0	491.4	494.0	499.8	502.9	507.4	510.5	514.1
7.5°	453.0	457.9	458.4	459.3	467.3	471.7	476.6	484.7	490.9	495.4	499.4
10°	424.0	427.1	430.3	434.3	442.3	449.9	457.0	465.5	473.5	478.0	483.8
12.5°	402.2	404.4	408.0	410.7	419.1	425.8	435.2	446.8	458.4	461.9	469.1
15°	379.4	380.8	387.9	390.6	397.7	408.9	414.7	425.8	438.3	445.0	453.0
17.5°	353.1	361.2	365.6	368.7	377.7	386.6	395.9	407.5	423.6	429.8	435.6
20°	334.4	340.2	345.1	349.1	357.1	370.5	379.0	388.4	403.5	410.7	419.1
22.5°	317.9	322.8	327.3	331.7	337.1	349.1	358.9	371.9	387.0	393.7	403.5
25°	302.3	307.2	309.9	315.2	322.4	330.8	342.4	354.0	369.2	376.8	386.1
27.5°	287.1	292.0	297.0	301.4	306.3	314.3	322.4	337.1	352.7	361.6	369.6
30°	274.2	276.4	280.9	285.8	290.7	298.3	307.7	317.9	335.7	343.8	353.6
32.5°	259.9	264.0	267.1	270.6	276.9	283.1	291.6	304.5	318.8	326.4	337.1
35°	246.6	250.1	252.4	258.6	262.6	269.3	277.8	289.4	301.4	309.9	319.2
37.5°	233.6	237.2	239.9	243.4	248.8	254.6	263.5	272.0	286.3	293.4	304.1
40°	220.3	223.4	226.5	230.5	235.4	242.6	247.9	258.6	270.2	278.2	286.3
42.5°	207.3	209.1	212.7	217.1	222.0	228.3	235.9	244.3	255.9	263.1	270.2
45°	193.5	196.6	200.6	203.8	208.2	214.5	221.2	228.7	240.3	247.5	255.0
47.5°	180.6	182.8	185.5	190.4	196.2	200.6	207.8	214.9	225.6	232.3	239.4
50°	167.2	169.4	173.4	176.6	181.0	186.8	193.5	201.1	211.3	215.8	222.9
52.5°	154.7	155.6	159.6	162.7	167.2	173.9	179.2	185.9	195.7	200.6	207.8
55°	142.2	143.1	145.4	148.5	153.4	158.7	164.5	172.1	180.6	185.0	191.7
57.5°	129.3	130.2	132.4	134.7	139.6	144.5	151.2	157.4	165.9	169.9	176.1
60°	116.4	116.4	118.6	121.7	125.3	129.7	135.5	143.1	149.4	154.3	158.7
62.5°	102.6	103.9	105.2	107.5	111.5	116.8	121.7	127.1	134.7	138.2	142.2
65°	88.7	90.1	92.7	95.0	98.1	101.7	107.9	112.4	118.2	122.2	125.7
67.5°	76.7	78.0	79.8	82.5	84.7	88.7	93.2	97.6	103.9	106.6	109.2
70°	64.2	65.5	66.9	70.4	72.7	75.8	78.9	83.4	88.7	90.5	92.7
72.5°	54.4	54.8	56.6	57.5	60.6	63.3	66.9	69.6	73.6	75.8	77.6
75°	45.9	45.9	46.4	47.3	49.0	50.8	53.5	56.2	59.7	61.1	63.3
77.5°	36.1	37.5	37.0	37.9	38.8	39.7	41.9	43.7	47.3	48.2	49.0
80°	25.9	26.3	27.6	29.0	29.0	30.3	31.7	32.1	34.3	35.7	35.7
82.5°	18.7	19.2	18.7	19.2	19.6	20.1	21.4	23.2	23.2	23.6	24.5
85°	11.6	11.6	12.0	12.5	12.5	12.0	12.9	12.5	12.9	13.8	13.8
87.5°	5.8	5.4	5.4	5.4	5.4	5.4	5.8	5.4	5.8	5.8	5.8
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: P1038221

CATALOG NUMBER: S125RDS-B375DB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	543.1	543.1	543.1	543.1
2.5°	530.6	534.6	538.6	543.5
5°	519.9	527.0	534.6	541.7
7.5°	508.3	518.6	528.4	538.6
10°	495.4	508.3	519.4	533.7
12.5°	481.1	494.9	510.5	526.6
15°	466.8	484.2	500.7	519.0
17.5°	453.5	470.0	488.2	510.1
20°	437.4	455.7	476.2	499.4
22.5°	420.5	440.5	462.8	487.8
25°	406.2	426.7	448.1	474.4
27.5°	390.6	412.0	432.9	461.0
30°	372.8	395.9	417.3	446.3
32.5°	355.8	379.0	402.6	429.8
35°	339.3	362.1	385.7	413.3
37.5°	323.7	344.2	367.4	392.4
40°	309.0	327.7	348.2	371.0
42.5°	290.3	312.1	331.3	347.8
45°	274.2	292.0	309.9	323.3
47.5°	255.5	273.3	288.5	299.2
50°	239.9	254.1	266.6	276.0
52.5°	221.2	234.5	244.8	251.9
55°	202.9	214.5	223.4	228.3
57.5°	186.4	194.0	200.6	205.1
60°	168.1	173.9	179.7	184.6
62.5°	148.5	154.7	157.8	163.2
65°	131.1	135.1	140.0	141.8
67.5°	114.1	116.4	119.5	123.1
70°	96.3	97.6	100.8	105.7
72.5°	80.7	82.0	84.3	86.1
75°	64.2	65.5	67.3	69.1
77.5°	50.4	50.8	51.7	53.5
80°	36.6	37.9	38.8	39.2
82.5°	25.4	25.9	25.9	26.3
85°	16.1	15.2	15.2	15.6
87.5°	5.8	6.7	6.7	7.6
90°	0.0	0.0	0.0	0.0

(END OF REPORT)