

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: P1007165

Luminaire Tested: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

Issue Date: 5/2/2025

Test Information

Test Method: LM-79-2019
Report Number: P1007165
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: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K
Description: Define 5 Regressed Direct Recessed with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

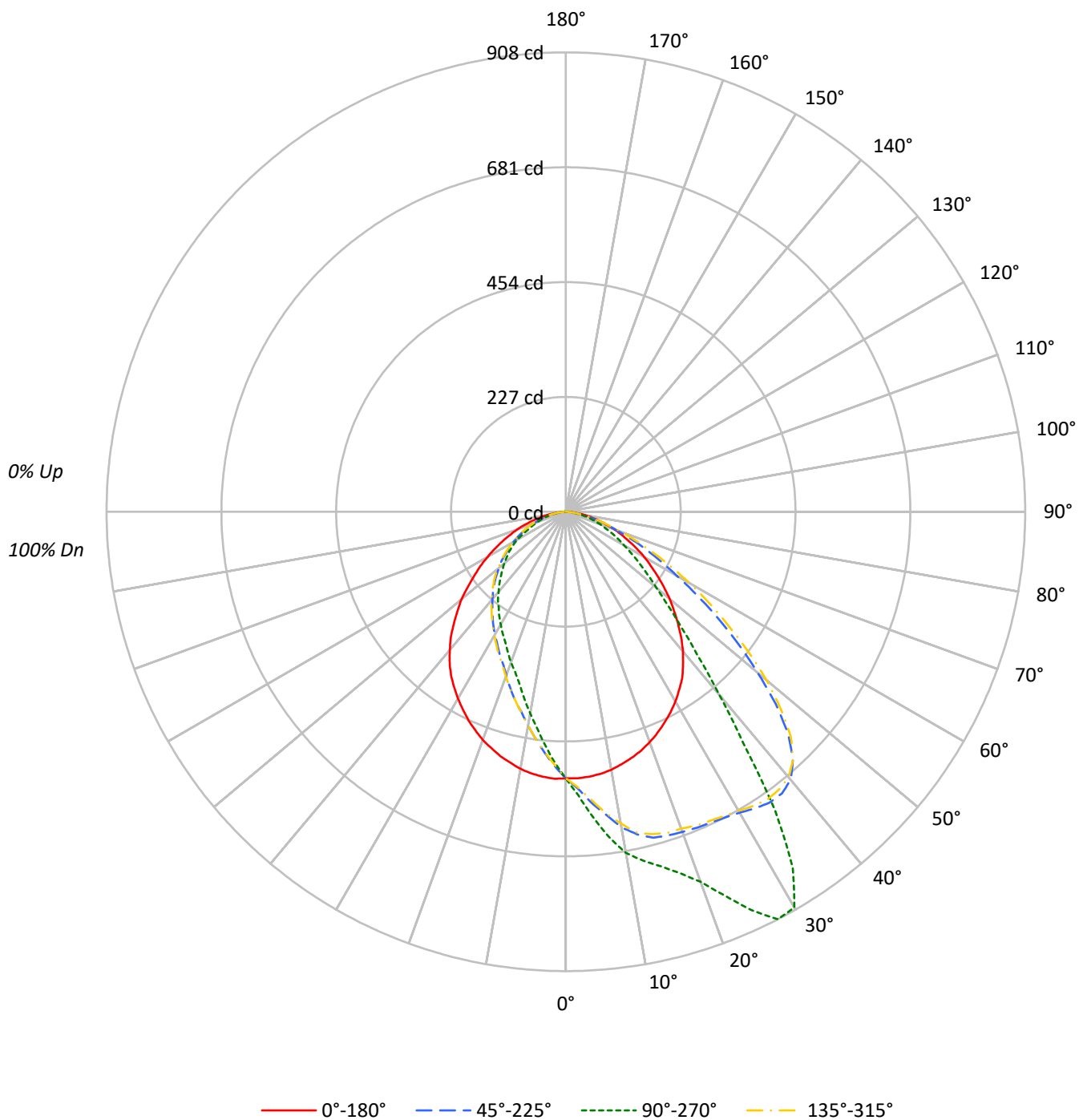
Lumens per Lamp: N/A
Luminaire Lumens: 1365.0 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.4 / 1.47
Luminous Opening: Rectangular (W 0.42' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 13
Input Voltage (V):
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: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			
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°	3376	3376	3376	3376
5°	3380	3884	3380	2985
10°	3369	4455	3358	2634
15°	3340	4812	3317	2341
20°	3303	5306	3273	2162
25°	3254	6141	3217	2006
30°	3203	6682	3155	1904
35°	3136	5637	3093	1810
40°	3010	3936	2985	1730
45°	2842	2920	2838	1650
50°	2669	2328	2682	1583
55°	2474	1976	2469	1523
60°	2295	1707	2283	1425
65°	2086	1522	2098	1226
70°	1920	1338	1913	1118
75°	1659	1156	1659	1050
80°	1406	878	1387	878
85°	1110	728	1081	823

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 5699 cd/sqm

TEST NUMBER: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.5	3.7
10°-20°	148.1	10.9
20°-30°	234.9	17.2
30°-40°	283.8	20.8
40°-50°	252.7	18.5
50°-60°	193.8	14.2
60°-70°	125.8	9.2
70°-80°	61.1	4.5
80°-90°	14.4	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°	433.5	31.8
0°-40°	717.3	52.5
0°-60°	1163.7	85.3
0°-90°	1365.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1365.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	527	527	527	527	527	
5°	526	604	526	464	526	50
15°	504	725	500	353	504	142
25°	460	869	455	284	460	212
35°	401	721	395	231	401	250
45°	314	322	313	182	314	242
55°	222	177	221	136	222	198
65°	138	100	138	81	138	138
75°	67	47	67	42	67	72
85°	15	10	15	11	15	18
90°	0	0	0	0	0	

TEST NUMBER: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	527.3	531.6	532.9	536.4	540.3	541.1	543.3	546.3	548.1	547.6	547.6
5°	525.6	532.9	538.1	544.2	551.5	554.5	557.1	563.6	568.8	571.9	577.0
7.5°	522.5	533.4	542.0	551.1	562.3	567.5	573.2	582.2	591.8	597.8	603.4
10°	517.8	531.6	543.7	557.1	572.3	580.1	587.0	600.8	612.5	620.3	633.3
12.5°	510.9	528.2	545.0	562.8	581.8	590.0	599.5	614.7	631.1	642.4	653.2
15°	503.5	524.3	542.4	563.6	586.6	599.1	611.2	627.2	641.9	654.5	667.0
17.5°	494.9	516.9	539.4	563.6	589.6	602.1	612.5	631.5	647.1	659.7	670.9
20°	484.5	509.1	534.7	561.5	587.9	599.5	609.5	630.2	644.1	657.5	673.5
22.5°	473.2	500.0	527.3	553.7	579.6	592.2	603.9	622.0	637.2	655.3	676.1
25°	460.3	489.7	517.3	543.7	568.4	580.1	590.5	610.4	631.5	654.5	677.8
27.5°	447.3	475.8	502.6	526.9	553.7	564.5	574.9	600.0	625.1	649.3	681.3
30°	433.0	462.0	485.3	507.8	533.8	545.0	558.0	586.6	615.1	648.0	686.9
32.5°	417.0	443.4	465.0	488.4	511.7	525.6	542.0	573.2	606.0	645.4	695.1
35°	401.0	422.2	442.1	464.1	492.3	507.0	523.0	555.8	596.9	644.1	702.1
37.5°	380.7	401.0	416.6	439.1	468.0	485.3	501.3	539.4	586.1	641.1	701.6
40°	359.9	377.2	391.9	415.3	446.8	462.8	480.1	521.7	574.9	632.4	691.2
42.5°	337.4	352.1	368.1	390.6	421.3	436.9	456.8	505.2	559.3	620.3	664.4
45°	313.6	327.9	341.3	364.7	395.4	412.2	433.9	483.6	540.3	594.8	621.2
47.5°	290.3	302.8	317.1	337.4	368.5	387.1	409.2	462.4	514.8	560.6	562.8
50°	267.8	277.7	289.8	310.6	343.0	360.8	383.7	433.4	484.5	516.1	494.9
52.5°	244.4	253.5	266.0	284.2	314.5	335.2	355.1	404.9	447.7	468.9	430.0
55°	221.5	229.3	242.2	262.6	289.0	305.0	325.3	371.6	409.2	409.6	367.2
57.5°	199.0	205.9	216.7	234.9	259.5	278.1	296.7	337.0	362.5	355.1	308.0
60°	179.1	183.4	193.4	211.1	234.0	247.4	267.3	301.1	317.9	304.5	253.9
62.5°	158.3	162.6	170.4	184.7	206.3	220.6	233.2	260.8	272.5	252.2	210.7
65°	137.6	142.7	148.4	159.6	179.9	189.5	200.7	221.0	232.3	208.5	172.6
67.5°	119.4	122.0	127.6	139.3	153.6	162.2	170.0	183.8	186.0	167.0	137.6
70°	102.5	103.4	108.6	115.5	126.3	131.5	138.0	146.2	146.2	130.6	107.3
72.5°	83.5	84.8	88.7	96.0	102.5	105.1	107.3	112.5	111.6	97.3	81.3
75°	67.0	67.9	70.9	74.4	77.0	81.8	83.5	82.6	82.2	70.1	61.0
77.5°	51.9	52.3	54.5	57.5	58.0	59.7	58.4	58.4	54.5	47.6	42.8
80°	38.1	38.5	39.4	40.2	40.2	40.2	40.2	38.1	35.5	31.1	29.8
82.5°	25.5	25.5	26.0	26.8	26.4	25.5	24.7	22.5	20.8	19.5	18.6
85°	15.1	15.1	15.6	15.1	13.4	13.0	12.1	11.7	11.2	10.8	10.8
87.5°	7.4	6.9	6.1	5.2	5.2	5.2	5.2	5.2	5.2	4.8	4.8
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: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	549.8	552.8	555.4	554.1	559.3	558.9	559.7	561.5	561.9	561.0	559.3
5°	579.6	584.0	591.3	595.2	594.3	597.8	599.5	602.1	604.7	603.9	603.9
7.5°	612.9	619.0	626.4	636.3	637.6	640.6	645.8	645.8	648.8	647.6	647.1
10°	641.9	649.3	661.0	668.7	672.2	673.9	679.1	680.9	684.3	684.8	684.8
12.5°	665.7	678.7	686.5	694.3	696.0	698.6	702.5	705.1	706.4	706.4	705.1
15°	678.3	688.6	697.7	705.9	710.7	712.9	716.8	719.8	721.5	725.4	726.3
17.5°	683.5	696.0	710.7	722.4	730.6	732.8	740.6	743.1	746.6	748.3	750.5
20°	690.8	709.0	726.7	741.0	748.8	754.4	762.6	774.7	778.2	778.2	776.9
22.5°	697.3	720.7	744.9	767.8	774.3	785.5	800.7	813.7	818.8	821.0	819.3
25°	705.1	737.1	768.7	797.2	815.0	823.2	843.5	859.1	865.1	868.6	869.5
27.5°	718.5	758.7	798.9	835.3	853.5	863.0	884.2	897.6	904.9	908.0	905.8
30°	733.6	782.9	829.7	862.1	874.2	885.9	899.7	904.9	903.2	903.2	909.7
32.5°	749.2	800.2	841.8	863.0	867.3	865.6	859.9	844.4	835.3	835.3	840.9
35°	757.9	802.0	823.2	816.3	799.4	789.4	758.7	741.4	722.0	720.7	727.1
37.5°	753.1	772.1	763.5	718.1	695.1	676.1	628.1	609.1	594.8	574.9	605.6
40°	719.8	713.3	668.3	603.0	577.5	550.7	512.6	493.6	473.7	470.6	478.0
42.5°	663.6	625.1	559.3	496.2	470.2	451.2	422.2	403.6	391.0	385.8	394.5
45°	593.5	532.9	467.2	417.0	388.4	378.5	352.1	335.7	326.2	322.3	328.3
47.5°	507.8	446.8	384.6	342.2	325.3	315.3	297.6	283.3	275.1	272.5	275.1
50°	431.3	368.5	316.2	289.0	273.8	265.6	250.9	241.8	235.3	233.6	237.9
52.5°	365.1	308.0	268.2	244.0	234.0	227.1	216.7	208.9	205.0	203.3	206.3
55°	305.8	259.5	227.5	206.8	199.4	195.1	186.0	181.7	177.4	176.9	179.9
57.5°	253.5	221.5	192.1	177.4	175.2	168.7	160.9	157.0	154.9	154.4	155.7
60°	211.1	182.5	164.8	151.8	148.8	143.6	139.3	136.7	134.1	133.2	134.1
62.5°	175.6	153.1	138.9	130.2	125.9	124.6	119.8	116.8	116.4	116.4	117.2
65°	144.9	125.9	116.8	109.9	106.8	105.5	102.1	99.9	100.4	100.4	100.8
67.5°	118.1	104.2	96.0	92.6	90.0	89.5	86.1	85.2	84.4	84.4	85.2
70°	93.9	85.2	79.2	77.4	77.0	74.0	72.7	72.2	70.9	71.4	71.4
72.5°	73.5	67.9	64.5	61.9	62.3	60.6	58.8	58.8	58.0	59.3	59.3
75°	54.5	51.9	49.3	48.4	49.3	48.4	47.1	46.7	47.1	46.7	46.7
77.5°	40.2	38.9	38.1	37.6	37.6	35.9	35.0	35.9	34.2	35.0	35.0
80°	28.1	26.4	26.0	25.1	25.5	24.2	24.7	23.8	23.8	23.8	23.8
82.5°	17.7	17.3	17.3	17.3	16.9	16.9	16.9	16.9	16.9	16.9	16.4
85°	10.8	10.4	10.4	10.4	9.9	9.9	9.9	9.9	9.9	9.9	9.9
87.5°	4.3	4.8	4.8	5.2	4.8	4.3	4.3	4.3	4.8	4.8	4.3
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: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	561.5	558.4	559.7	558.4	557.1	555.8	552.8	548.5	545.0	542.4	542.0
5°	604.7	600.8	598.2	596.9	594.3	590.9	585.3	578.8	571.0	568.0	561.9
7.5°	644.5	643.2	637.2	636.3	634.6	628.1	618.6	609.9	600.0	591.8	584.0
10°	682.2	679.1	674.8	668.7	667.9	659.7	650.6	638.5	625.5	617.7	603.9
12.5°	705.5	702.1	697.3	693.4	691.2	686.0	673.5	661.4	649.7	635.4	623.3
15°	722.4	718.1	709.4	706.4	703.8	696.9	687.8	675.2	659.7	649.7	632.4
17.5°	745.3	740.1	731.5	725.8	721.1	710.3	697.3	680.4	665.7	654.5	638.9
20°	771.7	763.9	752.7	745.3	738.4	725.8	707.7	687.8	666.6	652.7	636.7
22.5°	815.4	800.7	782.9	772.6	763.0	741.4	719.8	695.1	671.3	650.6	631.1
25°	857.8	843.1	821.0	806.7	792.0	766.9	738.4	704.2	673.9	649.7	624.2
27.5°	897.1	882.0	861.7	844.4	830.1	792.5	754.8	716.3	677.8	644.5	618.6
30°	906.2	899.7	884.2	869.0	856.0	821.4	777.8	728.9	682.6	639.8	610.8
32.5°	851.3	867.3	871.2	869.0	860.8	836.2	795.9	744.4	689.5	637.6	597.8
35°	737.1	766.1	795.9	811.9	819.7	823.2	799.4	752.2	694.3	634.1	589.2
37.5°	611.2	639.3	686.5	710.3	736.7	771.3	780.8	750.5	692.1	631.5	575.3
40°	502.2	538.1	577.0	598.7	621.6	683.9	731.0	727.6	685.2	622.0	564.5
42.5°	408.8	431.3	465.4	489.2	517.3	587.0	650.1	681.3	664.4	610.4	550.7
45°	340.9	358.2	382.4	406.6	423.9	487.1	561.9	612.9	629.0	589.6	529.5
47.5°	287.2	300.2	321.4	336.5	355.1	404.9	469.8	541.6	575.3	560.2	507.0
50°	246.1	256.5	273.4	282.9	299.3	342.2	391.5	466.7	517.8	519.5	477.1
52.5°	210.2	220.6	234.9	243.1	253.1	282.0	331.8	395.4	454.2	475.8	442.9
55°	183.0	189.0	200.7	207.2	216.3	244.4	276.0	330.0	391.5	426.9	406.2
57.5°	157.9	164.4	171.7	176.9	183.4	205.9	234.5	275.1	336.1	374.6	367.7
60°	137.6	141.4	148.4	152.3	158.3	173.0	192.9	233.6	282.0	318.4	322.3
62.5°	118.5	122.0	126.7	130.2	134.1	145.8	160.5	189.5	231.9	271.2	276.4
65°	102.1	105.1	107.7	110.7	113.8	121.1	133.7	156.2	189.0	225.8	237.0
67.5°	87.4	88.2	92.1	92.6	94.3	99.9	109.0	127.2	151.0	180.4	195.1
70°	73.1	74.8	75.7	77.0	78.7	82.6	90.0	99.5	117.2	141.0	154.9
72.5°	59.3	59.7	61.0	61.9	63.6	66.6	70.1	77.4	88.7	106.0	118.5
75°	47.1	47.6	48.4	48.9	50.2	51.0	52.8	58.0	65.8	76.1	85.2
77.5°	35.5	36.3	37.2	37.2	37.6	38.5	39.4	41.1	45.0	51.9	59.7
80°	24.2	24.7	24.7	25.1	24.7	26.0	27.3	29.4	31.1	33.3	37.2
82.5°	16.9	16.9	16.9	17.3	17.3	17.7	17.7	18.2	18.6	19.9	21.6
85°	10.4	10.4	10.8	9.9	10.4	10.8	10.8	10.4	10.8	11.2	11.7
87.5°	4.3	4.3	4.8	4.8	4.8	4.8	4.3	4.8	4.3	4.8	4.8
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: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	540.7	538.1	536.4	535.9	533.4	531.2	528.6	528.2	526.9	523.4	521.2
5°	557.6	551.5	550.2	546.3	539.8	535.1	529.0	525.6	521.7	515.2	510.0
7.5°	574.9	566.7	560.6	555.0	545.9	537.2	528.6	521.7	514.8	505.2	497.5
10°	591.8	579.2	571.9	563.6	551.1	538.1	526.0	516.1	504.8	493.6	482.3
12.5°	607.3	591.3	580.5	568.8	553.3	537.2	521.7	507.8	496.2	481.0	468.5
15°	616.8	599.1	588.3	577.0	553.7	535.9	517.8	500.0	484.5	468.5	456.8
17.5°	622.5	602.6	590.5	580.1	556.3	532.1	508.7	489.7	472.8	453.8	438.2
20°	619.9	600.4	589.2	579.2	551.5	527.3	502.2	480.1	459.0	439.5	423.0
22.5°	614.2	593.9	581.4	572.3	547.6	519.1	491.4	467.6	445.5	426.1	407.5
25°	602.1	582.2	571.4	560.2	535.9	508.7	480.6	455.1	431.7	410.9	390.2
27.5°	591.3	567.1	555.8	545.9	520.4	496.2	468.5	440.4	416.6	394.9	374.2
30°	578.8	551.5	539.4	526.0	503.1	480.1	452.5	426.5	401.9	378.9	359.0
32.5°	565.4	533.8	519.9	504.8	481.4	459.8	436.5	410.9	386.3	363.8	343.0
35°	548.1	514.3	498.3	484.0	459.8	438.2	416.6	395.4	370.7	346.9	327.0
37.5°	531.6	494.4	477.6	461.1	435.6	414.8	397.1	377.2	353.4	330.5	311.4
40°	513.0	470.2	452.9	437.8	411.4	388.4	372.4	356.9	336.1	314.0	293.3
42.5°	496.2	447.7	429.5	414.0	386.3	364.7	349.5	336.5	318.4	298.0	276.8
45°	472.8	423.5	404.9	388.4	360.3	340.0	324.4	313.2	298.9	279.9	260.8
47.5°	451.2	400.1	379.8	359.9	334.4	313.6	299.3	290.7	281.2	264.3	244.8
50°	424.8	373.3	352.5	336.1	307.1	289.4	275.1	269.1	260.4	244.4	228.8
52.5°	396.2	347.4	327.9	308.0	281.2	263.9	251.3	244.4	237.5	225.8	211.1
55°	362.9	318.4	300.2	282.5	255.6	239.6	228.4	221.0	217.1	206.3	195.5
57.5°	330.9	289.0	272.1	255.6	232.3	214.1	206.8	200.3	194.7	186.9	177.8
60°	298.5	260.4	242.2	227.5	207.2	190.8	184.7	178.2	173.9	167.8	161.3
62.5°	261.3	228.8	215.0	201.1	183.8	170.9	163.9	158.8	153.1	149.2	143.6
65°	221.9	199.0	185.6	175.2	158.8	147.1	141.9	138.4	133.7	129.8	125.4
67.5°	185.1	167.0	161.3	150.1	137.6	127.2	123.3	119.0	115.1	112.9	109.0
70°	149.7	136.7	131.1	128.0	114.2	107.3	103.8	102.1	97.3	95.2	92.6
72.5°	115.9	111.2	107.3	103.4	94.3	90.0	86.1	84.4	80.9	79.2	78.3
75°	85.6	82.6	80.5	80.0	76.1	71.8	67.9	67.0	64.5	62.7	61.9
77.5°	60.1	59.3	58.8	59.3	56.7	54.1	53.2	52.3	49.3	48.9	48.9
80°	39.4	41.5	41.5	41.1	40.2	39.8	38.5	37.6	35.9	35.5	35.9
82.5°	24.2	25.5	26.0	26.8	26.4	26.0	25.1	24.7	25.1	24.2	24.7
85°	12.1	13.0	14.7	14.7	15.1	15.1	15.1	14.7	13.8	14.3	13.8
87.5°	4.8	5.2	5.2	5.2	4.8	6.1	6.5	6.5	6.5	5.6	5.6
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: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	519.9	518.2	516.9	515.6	510.0	503.9	503.1	501.8	499.2	502.2	500.9
5°	506.5	502.6	500.5	494.9	487.9	482.7	478.4	473.2	471.1	469.3	468.9
7.5°	490.1	486.6	482.7	477.1	468.5	459.8	453.3	448.1	443.8	441.6	441.6
10°	474.1	469.8	464.6	455.1	446.8	436.0	429.1	423.9	417.9	414.4	411.4
12.5°	457.7	452.9	448.1	436.0	426.5	415.3	405.3	398.8	395.8	391.9	386.7
15°	441.2	433.9	429.1	417.0	404.9	393.6	387.1	380.2	373.3	369.4	367.7
17.5°	423.9	418.7	410.9	398.0	384.6	374.6	365.1	358.6	350.4	346.5	342.6
20°	408.3	400.6	392.8	379.8	366.8	353.4	343.9	336.1	330.9	327.9	324.4
22.5°	389.7	382.4	375.9	362.1	347.8	335.2	324.9	320.1	314.9	310.1	306.7
25°	373.7	366.4	359.9	344.8	329.2	317.5	309.7	303.7	298.0	295.9	292.4
27.5°	356.9	349.9	341.3	326.2	312.3	302.4	294.1	288.5	284.2	279.9	277.3
30°	340.9	333.1	325.3	308.9	297.6	287.7	279.9	272.9	269.5	267.3	263.0
32.5°	325.3	315.3	308.9	293.7	282.9	273.4	266.9	260.8	256.5	252.6	249.2
35°	308.4	297.6	291.1	278.6	267.3	257.8	252.2	247.9	242.7	239.2	237.5
37.5°	292.4	283.3	276.8	263.9	252.6	244.8	238.8	233.2	231.0	226.2	225.4
40°	275.1	267.3	261.3	248.7	238.3	232.3	225.8	220.6	216.7	214.6	211.5
42.5°	259.5	253.1	246.6	234.9	224.9	217.6	212.8	208.1	204.6	201.1	199.0
45°	245.3	238.3	232.3	221.0	211.1	204.6	199.8	194.2	193.4	188.6	186.4
47.5°	230.1	224.1	218.9	207.2	198.1	191.6	186.0	182.1	178.2	176.5	173.5
50°	215.4	209.4	203.3	192.9	184.7	178.2	172.6	168.3	166.1	163.5	160.9
52.5°	199.4	194.7	189.9	179.1	170.9	165.2	160.5	154.9	152.7	150.5	148.8
55°	186.0	179.1	173.9	164.8	157.5	151.4	146.2	141.9	139.7	138.0	135.8
57.5°	167.8	163.5	159.2	151.0	144.0	138.0	132.8	129.3	126.7	125.4	125.9
60°	152.3	147.5	144.9	136.3	129.3	124.6	119.8	116.4	113.8	112.5	112.0
62.5°	135.8	132.4	127.6	121.6	114.6	110.3	106.8	104.2	99.9	99.5	98.2
65°	119.8	117.2	112.9	107.3	101.7	97.8	93.9	90.4	88.7	86.5	85.2
67.5°	104.2	101.7	97.8	93.0	89.1	85.2	81.8	78.3	75.3	73.5	72.7
70°	89.1	86.9	84.4	78.7	74.0	70.9	68.3	66.2	63.2	62.3	61.9
72.5°	74.4	72.2	70.9	66.2	61.9	59.3	56.7	54.5	53.2	52.8	51.5
75°	61.0	58.8	57.1	52.8	50.2	48.4	45.9	45.0	43.7	43.3	42.8
77.5°	47.6	45.4	45.0	42.0	38.9	38.1	37.2	35.5	35.5	35.5	34.6
80°	34.2	33.7	33.3	30.3	29.0	28.1	27.7	26.4	25.5	24.7	24.2
82.5°	22.9	22.5	22.1	20.8	19.5	19.0	18.6	17.7	17.7	18.2	17.3
85°	13.8	13.0	12.5	12.1	11.2	11.2	11.7	11.2	11.2	11.2	10.8
87.5°	5.2	5.2	5.2	5.2	5.6	4.8	5.2	5.2	4.8	4.8	4.3
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: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.7	499.6	497.5	496.6	494.9	497.0	497.5	497.0	500.9	499.2	500.0
5°	469.8	468.0	466.7	463.7	463.7	464.1	465.4	463.3	464.6	467.6	467.2
7.5°	437.8	436.9	437.3	433.9	431.3	432.1	431.3	435.2	437.3	436.5	438.2
10°	408.8	410.5	406.6	404.9	403.2	404.9	404.4	405.3	407.9	409.6	412.7
12.5°	385.4	385.0	382.8	381.1	378.1	378.9	381.5	380.7	381.1	385.0	384.6
15°	363.4	360.8	359.0	355.1	356.0	353.0	355.6	358.6	359.9	363.4	365.5
17.5°	341.3	340.9	338.7	338.3	333.5	332.2	334.8	335.7	337.0	338.7	341.7
20°	322.7	322.3	319.2	318.4	314.5	317.1	316.2	317.9	318.8	322.3	323.6
22.5°	305.8	303.7	302.8	301.5	300.2	299.8	301.5	301.1	304.1	305.4	305.8
25°	290.3	288.5	288.1	285.9	285.1	283.8	285.1	286.4	289.8	291.1	292.8
27.5°	276.0	274.7	273.8	272.1	270.8	270.8	271.7	273.4	274.7	275.5	276.4
30°	263.0	262.1	259.5	258.7	257.4	257.4	257.4	258.2	260.4	263.0	264.3
32.5°	249.6	247.9	246.1	246.1	244.8	244.8	245.3	246.1	248.3	248.7	250.9
35°	236.6	234.9	233.6	232.7	233.2	231.4	232.3	233.6	236.2	237.0	238.3
37.5°	224.1	223.6	221.0	219.7	220.6	220.6	220.2	221.0	222.8	224.5	225.4
40°	210.2	209.4	209.4	208.1	208.5	206.8	208.1	208.9	209.8	211.5	212.8
42.5°	198.1	197.3	195.5	196.0	194.7	194.7	195.5	196.0	197.3	199.4	200.3
45°	185.1	185.1	184.3	183.0	183.4	182.1	183.0	183.4	185.1	187.3	186.4
47.5°	172.6	172.2	172.2	170.4	171.3	170.0	171.3	171.7	172.6	173.9	173.5
50°	160.5	159.2	159.6	159.2	158.8	158.8	159.6	159.6	160.5	160.5	161.8
52.5°	147.9	147.9	147.1	147.5	148.4	147.5	148.8	147.5	148.4	148.8	149.7
55°	136.7	135.8	136.3	135.8	137.6	136.3	137.6	136.7	137.6	137.1	138.0
57.5°	124.6	123.3	123.7	123.3	124.6	124.1	125.4	124.1	124.6	125.0	126.3
60°	110.7	110.7	110.7	109.9	111.2	111.2	110.7	110.7	112.5	113.3	112.9
62.5°	97.8	97.3	96.0	95.6	96.0	95.2	96.9	96.5	97.3	98.2	99.1
65°	83.5	82.6	82.2	81.3	81.3	80.9	81.3	83.1	83.5	83.9	86.1
67.5°	71.8	71.4	70.9	69.6	69.6	70.5	70.5	70.5	73.1	71.8	73.5
70°	61.4	60.6	59.7	59.3	59.3	59.7	60.1	60.6	60.1	61.9	62.3
72.5°	51.5	51.9	51.0	51.0	51.0	50.6	50.6	51.5	51.9	51.5	51.9
75°	42.8	42.8	42.4	42.8	42.8	42.4	42.4	43.3	43.3	42.8	44.1
77.5°	34.6	34.2	33.3	32.4	32.9	32.4	32.9	32.4	33.7	35.0	34.2
80°	24.2	23.8	23.8	23.8	24.2	23.8	24.7	23.8	24.2	24.2	24.7
82.5°	17.3	17.7	17.7	17.3	17.7	17.3	17.7	17.7	17.7	17.3	17.7
85°	11.2	11.2	11.2	11.2	10.8	11.2	11.2	11.2	11.7	11.2	11.7
87.5°	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	5.2	4.8	5.2
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: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9	526.9
2.5°	498.3	500.5	498.7	497.5	500.9	502.6	502.6	505.7	508.7	511.3	511.7
5°	467.6	471.1	471.9	471.5	476.7	479.3	484.9	487.9	492.3	495.3	498.7
7.5°	439.5	444.2	444.7	445.5	453.3	457.7	462.4	470.2	476.3	480.6	484.5
10°	411.4	414.4	417.4	421.3	429.1	436.5	443.4	451.6	459.4	463.7	469.3
12.5°	390.2	392.3	395.8	398.4	406.6	413.1	422.2	433.4	444.7	448.1	455.1
15°	368.1	369.4	376.3	378.9	385.8	396.7	402.3	413.1	425.2	431.7	439.5
17.5°	342.6	350.4	354.7	357.7	366.4	375.0	384.1	395.4	410.9	417.0	422.6
20°	324.4	330.0	334.8	338.7	346.5	359.5	367.7	376.8	391.5	398.4	406.6
22.5°	308.4	313.2	317.5	321.8	327.0	338.7	348.2	360.8	375.5	382.0	391.5
25°	293.3	298.0	300.6	305.8	312.7	321.0	332.2	343.5	358.2	365.5	374.6
27.5°	278.6	283.3	288.1	292.4	297.2	305.0	312.7	327.0	342.2	350.8	358.6
30°	266.0	268.2	272.5	277.3	282.0	289.4	298.5	308.4	325.7	333.5	343.0
32.5°	252.2	256.1	259.1	262.6	268.6	274.7	282.9	295.4	309.3	316.6	327.0
35°	239.2	242.7	244.8	250.9	254.8	261.3	269.5	280.7	292.4	300.6	309.7
37.5°	226.7	230.1	232.7	236.2	241.4	247.0	255.6	263.9	277.7	284.6	295.0
40°	213.7	216.7	219.7	223.6	228.4	235.3	240.5	250.9	262.1	269.9	277.7
42.5°	201.1	202.9	206.3	210.7	215.4	221.5	228.8	237.0	248.3	255.2	262.1
45°	187.7	190.8	194.7	197.7	202.0	208.1	214.6	221.9	233.2	240.1	247.4
47.5°	175.2	177.4	179.9	184.7	190.3	194.7	201.6	208.5	218.9	225.4	232.3
50°	162.2	164.4	168.3	171.3	175.6	181.2	187.7	195.1	205.0	209.4	216.3
52.5°	150.1	151.0	154.9	157.9	162.2	168.7	173.9	180.4	189.9	194.7	201.6
55°	138.0	138.9	141.0	144.0	148.8	154.0	159.6	167.0	175.2	179.5	186.0
57.5°	125.4	126.3	128.5	130.6	135.4	140.2	146.6	152.7	160.9	164.8	170.9
60°	112.9	112.9	115.1	118.1	121.6	125.9	131.5	138.9	144.9	149.7	154.0
62.5°	99.5	100.8	102.1	104.2	108.1	113.3	118.1	123.3	130.6	134.1	138.0
65°	86.1	87.4	90.0	92.1	95.2	98.6	104.7	109.0	114.6	118.5	122.0
67.5°	74.4	75.7	77.4	80.0	82.2	86.1	90.4	94.7	100.8	103.4	106.0
70°	62.3	63.6	64.9	68.3	70.5	73.5	76.6	80.9	86.1	87.8	90.0
72.5°	52.8	53.2	54.9	55.8	58.8	61.4	64.9	67.5	71.4	73.5	75.3
75°	44.6	44.6	45.0	45.9	47.6	49.3	51.9	54.5	58.0	59.3	61.4
77.5°	35.0	36.3	35.9	36.8	37.6	38.5	40.7	42.4	45.9	46.7	47.6
80°	25.1	25.5	26.8	28.1	28.1	29.4	30.7	31.1	33.3	34.6	34.6
82.5°	18.2	18.6	18.2	18.6	19.0	19.5	20.8	22.5	22.5	22.9	23.8
85°	11.2	11.2	11.7	12.1	12.1	11.7	12.5	12.1	12.5	13.4	13.4
87.5°	5.6	5.2	5.2	5.2	5.2	5.2	5.6	5.2	5.6	5.6	5.6
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: P1007165

CATALOG NUMBER: S125RDR-B375DB2750-4F0-XX-W2A-A_5000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	526.9	526.9	526.9	526.9
2.5°	514.8	518.6	522.5	527.3
5°	504.4	511.3	518.6	525.6
7.5°	493.1	503.1	512.6	522.5
10°	480.6	493.1	503.9	517.8
12.5°	466.7	480.1	495.3	510.9
15°	452.9	469.8	485.8	503.5
17.5°	439.9	455.9	473.7	494.9
20°	424.3	442.1	462.0	484.5
22.5°	407.9	427.4	449.0	473.2
25°	394.1	414.0	434.7	460.3
27.5°	378.9	399.7	420.0	447.3
30°	361.6	384.1	404.9	433.0
32.5°	345.2	367.7	390.6	417.0
35°	329.2	351.2	374.2	401.0
37.5°	314.0	333.9	356.4	380.7
40°	299.8	317.9	337.8	359.9
42.5°	281.6	302.8	321.4	337.4
45°	266.0	283.3	300.6	313.6
47.5°	247.9	265.2	279.9	290.3
50°	232.7	246.6	258.7	267.8
52.5°	214.6	227.5	237.5	244.4
55°	196.8	208.1	216.7	221.5
57.5°	180.8	188.2	194.7	199.0
60°	163.1	168.7	174.3	179.1
62.5°	144.0	150.1	153.1	158.3
65°	127.2	131.1	135.8	137.6
67.5°	110.7	112.9	115.9	119.4
70°	93.4	94.7	97.8	102.5
72.5°	78.3	79.6	81.8	83.5
75°	62.3	63.6	65.3	67.0
77.5°	48.9	49.3	50.2	51.9
80°	35.5	36.8	37.6	38.1
82.5°	24.7	25.1	25.1	25.5
85°	15.6	14.7	14.7	15.1
87.5°	5.6	6.5	6.5	7.4
90°	0.0	0.0	0.0	0.0

(END OF REPORT)