

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: HALO

Report Number: P710794

Luminaire Tested: RSQ4LS9FSD2W1EWH-900lm-4000K

Issue Date: 10/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P710794  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( A2308194A001)  
Test Lab:  
Issue Date: 10/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: HALO  
Catalog Number: RSQ4LS9FSD2W1EWH-900lm-4000K  
Description: 4IN SQUARE SELECTABLE LUMENS, ZERO TILT, DIMMABLE TO 5%  
Light Source: SELECTABLE LUMEN/CCT LEDs 90CRI / 4000K CCT  
Ballast/Driver: -

**Summary**

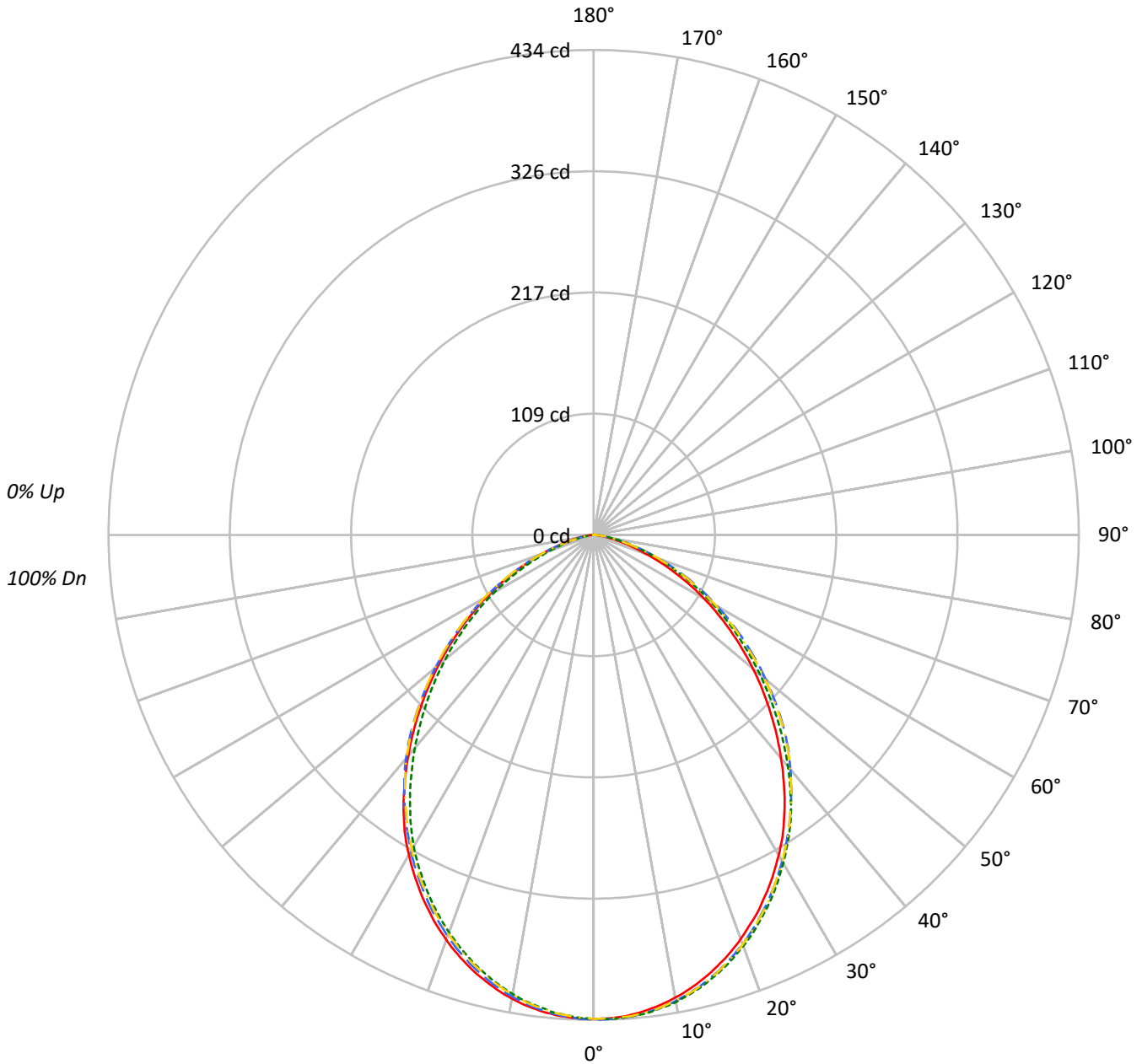
Lumens per Lamp: N/A  
Luminaire Lumens: 937.9 lumens  
Efficiency: N/A  
Efficacy: 97.7 lumens/watt  
Spacing Criteria (0/90/45): 1.15 / 1.15 / 1.25  
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')  
CIE Type: Direct

Input Watts (W): 9.6  
Input Voltage (V): NR  
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									
RC	80									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	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	110	106	103	99	108	104	101	98	100	97	95	96	94	92	92	91	89	87																			
2	101	94	88	83	99	92	87	82	89	84	80	86	82	78	83	79	77	75																			
3	93	84	77	71	91	82	76	70	79	74	69	77	72	68	74	70	66	64																			
4	86	75	67	61	84	74	66	61	71	65	60	69	63	59	67	62	58	56																			
5	80	68	59	53	78	67	59	53	65	58	52	63	57	52	61	56	51	49																			
6	74	61	53	47	72	60	53	47	59	52	46	57	51	46	55	50	46	44																			
7	69	56	48	42	67	55	47	42	54	47	42	52	46	41	51	45	41	39																			
8	64	51	43	38	63	51	43	38	49	42	37	48	42	37	47	41	37	35																			
9	60	47	39	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32																			
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	31	29																			

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

	0°	90°	180°	270°
0°	42818	42818	42818	42818
5°	42674	42843	42704	42516
10°	42194	42606	42285	41873
15°	41464	42006	41566	40952
20°	40475	41180	40560	39802
25°	39218	40080	39294	38378
30°	37767	38725	37744	36739
35°	35922	37116	35777	34558
40°	33638	34890	33290	32102
45°	31214	32430	30627	29452
50°	28586	29847	27848	26649
55°	25763	27107	24884	23626
60°	22595	24157	21706	20223
65°	18944	20932	18149	16325
70°	14710	17166	14161	12138
75°	10311	13252	10197	7905
80°	6546	9620	6831	4440
85°	4310	7031	4650	2155

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 45°  
 Luminance: 33394 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	40.8	4.3
10°-20°	114.2	12.2
20°-30°	165.6	17.7
30°-40°	186.4	19.9
40°-50°	173.8	18.5
50°-60°	135.5	14.5
60°-70°	82.7	8.8
70°-80°	31.6	3.4
80°-90°	5.3	0.6
90°-100°	0.2	0.0
100°-110°	0.4	0.0
110°-120°	0.4	0.0
120°-130°	0.2	0.0
130°-140°	0.2	0.0
140°-150°	0.2	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	320.6	34.2
0°-40°	507.0	54.1
0°-60°	816.4	87.0
0°-90°	936.0	99.8
90°-120°	1.0	0.1
90°-150°	1.6	0.2
90°-180°	2.0	0.2
0°-180°	937.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	433	433	433	433	433	
5°	430	432	430	428	430	41
15°	405	410	406	400	405	114
25°	360	368	360	352	360	165
35°	298	308	296	286	298	186
45°	223	232	219	211	223	172
55°	150	157	144	137	150	134
65°	81	90	78	70	81	81
75°	27	35	27	21	27	30
85°	4	6	4	2	4	5
90°	0	1	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	1	0	0	0	0
125°	0	1	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	433.2	433.2	433.2	433.2	433.2	433.2	433.2	433.2	433.2	433.2	433.2
0.5°	433.2	433.5	434.0	433.7	433.0	432.9	433.0	433.0	433.4	433.5	433.6
1°	432.9	433.6	433.9	434.0	433.1	433.0	433.0	433.0	433.3	433.4	433.4
1.5°	432.8	433.5	433.7	434.0	433.4	433.1	433.0	433.0	433.2	433.2	433.1
2°	432.7	433.4	433.5	433.9	433.5	433.2	432.9	433.0	432.9	432.8	432.9
2.5°	432.5	433.1	433.3	433.6	433.4	433.2	432.7	432.8	432.6	432.4	432.6
3°	432.2	432.6	433.1	433.4	433.1	433.0	432.5	432.7	432.2	432.2	432.2
3.5°	431.8	432.1	432.8	433.3	432.8	432.7	432.2	432.3	431.9	431.9	431.6
4°	431.3	431.7	432.6	433.1	432.6	432.2	432.1	431.8	431.6	431.4	430.9
4.5°	430.7	431.2	432.2	432.8	432.2	431.8	431.8	431.3	431.1	430.9	430.3
5°	430.1	430.8	431.7	432.5	431.8	431.4	431.3	430.6	430.4	430.1	429.7
5.5°	429.4	430.3	431.2	432.0	431.4	431.0	430.7	430.1	429.8	429.2	429.1
6°	428.6	429.7	430.5	431.5	431.1	430.5	430.2	429.6	429.2	428.4	428.3
6.5°	427.7	428.9	429.7	430.8	430.4	430.0	429.5	429.1	428.4	427.6	427.3
7°	426.8	428.1	429.0	430.1	429.6	429.4	428.8	428.4	427.6	426.8	426.3
7.5°	426.0	427.2	428.2	429.4	428.6	428.7	428.1	427.5	426.7	426.0	425.4
8°	425.0	426.4	427.4	428.7	427.8	427.8	427.3	426.5	425.9	425.1	424.4
8.5°	424.0	425.4	426.5	427.9	427.0	426.8	426.4	425.4	424.8	424.0	423.3
9°	422.9	424.3	425.6	427.0	426.3	425.9	425.3	424.3	423.7	422.8	422.1
9.5°	421.7	423.1	424.7	426.0	425.5	425.1	424.2	423.3	422.6	421.6	420.8
10°	420.4	421.8	423.6	425.1	424.5	424.2	423.1	422.2	421.3	420.3	419.4
10.5°	419.2	420.7	422.2	424.0	423.2	423.2	422.0	421.1	420.1	419.1	418.2
11°	417.9	419.6	420.9	423.0	421.8	421.9	420.9	419.9	418.9	417.7	416.9
11.5°	416.5	418.3	419.6	421.9	420.6	420.6	419.8	418.7	417.5	416.3	415.4
12°	415.1	417.1	418.3	420.5	419.4	419.3	418.6	417.3	416.1	414.8	413.9
12.5°	413.7	415.7	416.9	419.0	418.2	418.0	417.2	415.8	414.4	413.2	412.3
13°	412.1	414.1	415.6	417.5	417.0	416.6	415.7	414.4	412.8	411.5	410.7
13.5°	410.4	412.6	414.1	416.1	415.5	415.3	414.1	412.7	411.2	409.9	408.9
14°	408.8	410.9	412.4	414.8	413.9	413.7	412.5	411.2	409.5	408.2	407.2
14.5°	407.0	409.1	410.7	413.4	412.2	412.1	411.0	409.5	407.9	406.5	405.4
15°	405.2	407.4	409.0	411.8	410.5	410.4	409.3	407.8	406.2	404.6	403.6
15.5°	403.3	405.6	407.4	410.2	408.9	408.8	407.8	406.2	404.4	402.8	401.6
16°	401.5	403.8	405.7	408.5	407.2	407.1	406.0	404.4	402.5	400.9	399.6
16.5°	399.5	402.1	403.7	406.7	405.5	405.3	404.1	402.5	400.6	398.9	397.5
17°	397.7	400.2	401.7	404.8	403.6	403.4	402.0	400.4	398.6	396.8	395.4
17.5°	395.7	398.2	399.8	402.8	401.8	401.4	400.1	398.3	396.6	394.7	393.3
18°	393.6	396.2	397.9	400.8	399.8	399.4	398.2	396.3	394.4	392.6	391.3
18.5°	391.5	394.1	395.9	398.8	397.7	397.5	396.3	394.3	392.4	390.5	389.1
19°	389.3	391.9	393.8	396.8	395.5	395.6	394.2	392.4	390.2	388.3	386.8
19.5°	387.1	389.7	391.7	394.8	393.4	393.6	392.2	390.3	387.9	386.1	384.5
20°	384.8	387.5	389.6	392.7	391.5	391.4	389.9	388.0	385.6	383.7	382.1
20.5°	382.4	385.3	387.3	390.5	389.5	389.0	387.6	385.6	383.2	381.2	379.6
21°	380.0	383.1	385.2	388.1	387.3	386.7	385.3	383.1	380.8	378.5	377.0



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CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	372.9	375.8	377.8	381.5	380.0	379.8	378.1	376.1	373.6	371.2	369.8
23°	370.5	373.4	375.3	379.1	377.6	377.4	375.8	373.5	370.8	368.7	367.3
23.5°	368.1	370.8	372.8	376.7	375.1	375.0	373.2	370.8	368.1	366.0	364.6
24°	365.3	368.2	370.4	374.0	372.6	372.5	370.8	368.2	365.5	363.3	361.8
24.5°	362.4	365.6	367.8	371.4	370.0	369.9	368.2	365.4	362.9	360.5	359.0
25°	359.6	363.0	365.2	368.7	367.5	367.2	365.5	362.9	360.3	357.7	356.1
25.5°	356.9	360.4	362.6	366.2	365.0	364.6	363.0	360.3	357.5	354.9	353.3
26°	354.3	357.8	359.9	363.4	362.4	361.8	360.3	357.7	354.6	352.0	350.5
26.5°	351.7	354.9	357.2	360.9	359.6	359.0	357.4	354.9	351.6	349.3	347.7
27°	348.9	352.1	354.3	358.1	356.9	356.3	354.5	351.9	348.7	346.4	344.8
27.5°	346.0	349.1	351.6	355.4	354.0	353.7	351.5	348.9	345.8	343.6	341.9
28°	343.0	346.3	348.8	352.4	351.1	351.0	348.7	345.9	342.9	340.6	339.0
28.5°	340.0	343.4	345.9	349.6	348.1	348.2	346.1	343.0	339.9	337.5	336.2
29°	336.9	340.7	343.0	346.8	345.1	345.3	343.5	340.1	336.8	334.3	333.1
29.5°	333.9	337.8	340.1	343.9	342.2	342.2	340.7	337.2	333.8	331.2	330.1
30°	330.9	334.8	337.2	341.0	339.3	339.2	337.6	334.0	330.7	328.2	327.0
30.5°	327.9	331.7	334.2	338.2	336.3	336.3	334.5	331.0	327.6	325.0	323.8
31°	324.9	328.6	331.3	335.2	333.2	333.3	331.3	327.9	324.4	321.9	320.5
31.5°	321.8	325.5	328.3	332.1	330.0	330.2	328.2	324.9	321.2	318.7	317.4
32°	318.6	322.4	325.2	328.9	327.0	327.1	325.2	321.7	318.0	315.5	314.2
32.5°	315.2	319.3	322.1	325.7	324.0	323.9	322.3	318.5	314.6	312.4	311.2
33°	311.8	316.3	319.0	322.6	320.9	320.6	319.2	315.1	311.0	309.1	307.9
33.5°	308.4	313.1	315.9	319.4	317.6	317.4	316.1	311.8	307.3	305.8	304.7
34°	304.9	310.0	312.8	316.3	314.4	314.2	312.8	308.5	303.7	302.6	301.4
34.5°	301.3	306.6	309.7	313.1	311.1	311.1	309.5	305.3	300.1	299.1	298.2
35°	297.7	303.1	306.6	310.0	307.6	307.9	306.2	301.9	296.5	295.4	294.9
35.5°	294.2	299.7	303.3	306.9	304.1	304.8	303.0	298.5	292.8	291.7	291.7
36°	290.5	296.1	300.0	303.7	300.4	301.6	299.9	294.9	289.0	288.0	288.3
36.5°	286.9	292.7	296.8	300.4	296.7	298.3	296.8	291.3	285.1	284.4	284.9
37°	283.2	289.1	293.6	296.9	292.9	294.7	293.4	287.4	281.1	280.6	281.6
37.5°	279.5	285.5	290.4	293.3	289.2	291.1	290.2	283.6	277.3	276.9	278.3
38°	275.7	281.9	287.2	289.7	285.5	287.3	286.8	279.9	273.6	273.1	274.9
38.5°	272.1	278.3	283.8	286.1	281.8	283.7	283.4	276.1	269.8	269.3	271.6
39°	268.3	274.7	280.5	282.5	278.0	279.9	279.9	272.4	265.9	265.5	268.3
39.5°	264.5	271.0	277.2	278.8	274.2	276.3	276.6	268.7	262.1	261.9	264.9
40°	260.7	267.2	273.8	275.2	270.4	272.7	273.2	265.0	258.0	258.0	261.2
40.5°	257.1	263.6	270.5	271.5	266.5	268.9	269.9	261.1	254.1	254.1	257.6
41°	253.4	259.8	267.2	267.7	262.5	265.1	266.6	257.2	250.3	250.2	254.1
41.5°	249.6	256.3	264.0	264.0	258.7	261.3	263.3	253.5	246.4	246.5	250.4
42°	245.9	252.6	260.6	260.1	255.0	257.5	259.9	249.6	242.6	242.7	246.7
42.5°	242.1	248.9	257.1	256.5	251.2	253.8	256.3	245.8	238.7	239.0	242.8
43°	238.4	245.0	253.5	252.7	247.5	250.0	252.8	242.0	234.9	235.2	239.0
43.5°	234.6	241.4	249.9	249.0	243.5	246.2	249.2	238.2	231.0	231.3	235.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	223.3	230.3	238.9	237.7	232.0	235.0	238.1	226.8	219.1	219.8	223.5
45.5°	219.6	226.7	235.2	233.9	228.2	231.2	234.2	223.0	215.4	216.0	219.6
46°	215.8	223.1	231.4	230.2	224.4	227.3	230.4	219.2	211.7	212.2	215.7
46.5°	212.0	219.3	227.5	226.4	220.6	223.6	226.5	215.5	207.9	208.4	211.8
47°	208.2	215.4	223.6	222.6	216.8	219.8	222.6	211.7	203.9	204.6	207.9
47.5°	204.6	211.9	219.9	219.0	213.0	216.1	218.7	207.8	200.0	200.8	204.0
48°	200.9	208.2	216.0	215.2	209.1	212.4	214.8	204.1	196.1	197.1	200.3
48.5°	197.2	204.7	212.3	211.4	205.2	208.7	211.0	200.3	192.4	193.3	196.5
49°	193.4	201.1	208.6	207.8	201.5	205.0	207.1	196.6	188.5	189.6	192.7
49.5°	189.7	197.5	204.9	204.0	197.9	201.3	203.3	193.0	184.8	185.9	188.9
50°	185.9	193.9	201.0	200.4	194.1	197.6	199.5	189.3	181.1	182.3	185.0
50.5°	182.2	190.3	197.1	196.7	190.4	193.9	195.6	185.6	177.4	178.5	181.1
51°	178.5	186.6	193.4	193.0	186.6	190.1	191.7	181.8	173.6	174.8	177.3
51.5°	174.8	183.0	189.8	189.4	182.9	186.5	187.9	178.2	169.9	171.2	173.5
52°	171.3	179.3	186.0	185.7	179.3	182.9	184.2	174.6	166.2	167.6	169.9
52.5°	167.7	175.7	182.3	182.0	175.6	179.2	180.3	170.9	162.5	164.0	166.1
53°	164.0	172.1	178.4	178.5	171.8	175.6	176.6	167.3	158.8	160.4	162.4
53.5°	160.2	168.6	174.6	174.9	168.1	172.0	172.9	163.7	155.2	156.7	158.8
54°	156.6	165.0	171.0	171.2	164.4	168.5	169.2	160.2	151.5	153.1	155.1
54.5°	153.0	161.4	167.4	167.6	160.8	164.9	165.4	156.5	147.9	149.5	151.4
55°	149.5	157.9	163.8	164.0	157.3	161.3	161.7	153.0	144.4	145.9	147.8
55.5°	145.9	154.4	160.1	160.4	153.7	157.7	158.1	149.4	140.9	142.4	144.0
56°	142.4	150.8	156.4	156.9	150.1	154.2	154.3	146.1	137.3	138.9	140.5
56.5°	138.8	147.3	152.8	153.4	146.6	150.7	150.7	142.4	133.7	135.4	136.9
57°	135.2	143.7	149.1	149.9	143.2	147.2	147.1	139.0	130.1	132.0	133.4
57.5°	131.6	140.3	145.5	146.3	139.6	143.6	143.5	135.6	126.7	128.4	129.7
58°	128.3	136.9	142.0	142.9	136.0	140.2	139.9	132.3	123.2	124.9	126.3
58.5°	124.7	133.5	138.5	139.4	132.6	136.7	136.5	128.7	119.9	121.4	122.7
59°	121.2	130.0	135.0	136.0	129.2	133.3	132.9	125.3	116.6	118.0	119.3
59.5°	117.7	126.6	131.3	132.4	125.6	130.0	129.2	121.8	113.2	114.5	115.9
60°	114.3	123.2	127.9	129.0	122.2	126.6	125.8	118.5	109.8	111.1	112.5
60.5°	110.8	119.8	124.3	125.6	118.9	123.1	122.3	115.2	106.5	107.6	109.0
61°	107.5	116.4	120.9	122.2	115.6	119.7	119.0	111.9	103.1	104.2	105.6
61.5°	104.2	113.0	117.5	118.8	112.3	116.3	115.6	108.6	99.8	100.9	102.2
62°	100.8	109.5	114.2	115.3	108.9	113.0	112.2	105.3	96.7	97.6	98.9
62.5°	97.4	106.1	110.7	112.0	105.6	109.6	108.9	102.0	93.4	94.2	95.5
63°	94.1	102.8	107.3	108.6	102.3	106.2	105.5	98.6	90.0	90.9	92.2
63.5°	90.8	99.3	103.9	105.2	99.1	102.9	102.2	95.3	86.8	87.6	88.9
64°	87.5	96.0	100.6	101.8	95.8	99.6	98.8	92.0	83.7	84.4	85.6
64.5°	84.3	92.6	97.3	98.5	92.6	96.3	95.5	88.8	80.6	81.2	82.3
65°	81.0	89.3	94.1	95.3	89.5	93.0	92.3	85.6	77.6	78.0	79.1
65.5°	77.9	86.0	90.8	92.1	86.3	89.7	89.0	82.4	74.5	74.9	75.9
66°	74.7	82.7	87.5	88.7	83.1	86.5	85.8	79.2	71.5	71.7	72.8





TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	65.5	73.1	77.9	79.1	74.0	77.1	76.3	69.9	62.6	62.7	63.5
68°	62.5	70.0	74.7	76.0	71.0	74.0	73.2	66.9	59.8	59.7	60.5
68.5°	59.4	66.9	71.6	72.9	68.0	70.9	70.2	64.0	57.1	56.8	57.6
69°	56.6	63.8	68.5	69.9	65.1	67.9	67.1	61.0	54.4	54.0	54.7
69.5°	53.7	60.7	65.5	66.9	62.3	64.9	64.1	58.2	51.6	51.2	51.7
70°	50.9	57.8	62.4	63.9	59.4	61.9	61.2	55.3	49.0	48.5	48.9
70.5°	48.4	54.9	59.5	61.0	56.7	59.0	58.3	52.5	46.4	45.9	46.2
71°	45.8	52.0	56.5	58.1	53.9	56.3	55.5	49.9	44.0	43.3	43.6
71.5°	43.3	49.3	53.7	55.3	51.3	53.5	52.6	47.2	41.5	40.8	40.8
72°	40.7	46.7	50.9	52.5	48.6	50.8	49.9	44.6	39.2	38.3	38.2
72.5°	38.2	44.1	48.2	49.8	46.2	48.1	47.2	42.1	36.9	36.0	35.7
73°	35.8	41.5	45.6	47.3	43.8	45.4	44.5	39.6	34.7	33.7	33.3
73.5°	33.5	38.9	42.9	44.9	41.4	42.8	41.9	37.3	32.6	31.5	31.0
74°	31.3	36.3	40.3	42.4	39.1	40.4	39.3	35.0	30.6	29.4	28.8
74.5°	29.1	33.9	37.6	40.0	36.9	38.1	36.9	32.8	28.6	27.4	26.6
75°	27.0	31.6	35.2	37.5	34.7	35.8	34.5	30.7	26.7	25.4	24.5
75.5°	25.1	29.4	32.8	35.3	32.6	33.7	32.2	28.7	24.8	23.7	22.6
76°	23.2	27.2	30.4	33.0	30.5	31.5	30.0	26.6	23.1	21.8	20.8
76.5°	21.5	25.2	28.2	30.8	28.5	29.4	27.8	24.8	21.3	20.1	19.1
77°	19.8	23.3	26.1	28.7	26.5	27.4	25.7	22.9	19.8	18.5	17.5
77.5°	18.4	21.4	24.1	26.7	24.7	25.4	23.9	21.3	18.4	17.1	16.0
78°	17.0	19.8	22.3	24.8	22.9	23.5	22.1	19.6	17.0	15.7	14.5
78.5°	15.5	18.2	20.5	23.0	21.3	21.7	20.5	18.1	15.6	14.4	13.2
79°	14.1	16.7	18.8	21.2	19.7	20.1	18.9	16.7	14.3	13.2	12.2
79.5°	12.8	15.4	17.2	19.6	18.3	18.6	17.4	15.4	13.1	12.1	11.1
80°	11.5	14.0	15.6	18.1	16.9	17.1	15.9	14.1	12.0	11.1	10.0
80.5°	10.8	12.8	14.3	16.6	15.7	15.7	14.5	12.9	11.0	10.1	9.0
81°	9.6	11.6	12.9	15.3	14.3	14.5	13.3	11.9	10.0	9.1	7.9
81.5°	8.5	10.4	11.8	14.1	13.1	13.3	12.2	10.9	9.0	8.1	7.1
82°	7.5	9.6	10.7	12.8	12.0	12.3	11.2	9.9	8.0	7.2	6.3
82.5°	6.5	8.6	9.7	11.7	11.0	11.2	10.2	8.9	7.1	6.4	5.6
83°	5.8	7.6	8.7	10.6	10.0	10.2	9.2	8.0	6.2	5.6	5.0
83.5°	5.5	6.7	7.8	9.5	8.9	9.2	8.2	7.2	5.5	5.0	4.4
84°	5.0	5.9	7.0	8.6	7.9	8.2	7.3	6.4	5.0	4.6	3.9
84.5°	4.4	5.4	6.3	7.7	7.0	7.3	6.6	5.7	4.7	4.1	3.4
85°	3.8	4.9	5.6	6.9	6.2	6.5	5.9	5.1	4.1	3.5	2.8
85.5°	3.2	4.3	4.9	6.1	5.5	5.8	5.3	4.7	3.6	3.1	2.3
86°	2.6	3.8	4.4	5.4	5.2	5.2	4.7	4.1	3.2	2.4	1.8
86.5°	2.3	3.2	3.9	4.9	4.7	4.8	4.2	3.6	2.6	2.0	1.3
87°	1.7	2.6	3.3	4.4	4.1	4.3	3.7	3.1	2.1	1.5	0.8
87.5°	1.0	2.1	2.8	3.9	3.8	3.7	3.2	2.5	1.8	0.9	0.4
88°	0.7	1.5	2.2	3.4	3.2	3.3	2.7	2.1	1.2	0.6	0.1
88.5°	0.2	1.0	1.7	2.8	2.6	2.7	2.2	1.6	0.8	0.2	0.1



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.1	0.3	1.2	1.2	1.2	0.8	0.2	0.0	0.1	0.1
90.5°	0.1	0.1	0.2	0.8	0.8	0.8	0.4	0.1	0.1	0.1	0.1
91°	0.1	0.1	0.2	0.4	0.4	0.4	0.2	0.1	0.1	0.1	0.1
91.5°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
92°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
92.5°	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.2
93°	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.2
93.5°	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.2
94°	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.2
94.5°	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2
95°	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.2
95.5°	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.2
96°	0.1	0.2	0.3	0.3	0.3	0.4	0.3	0.2	0.1	0.1	0.2
96.5°	0.1	0.3	0.3	0.3	0.3	0.4	0.3	0.2	0.1	0.1	0.2
97°	0.1	0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.1	0.1	0.2
97.5°	0.1	0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.1	0.1	0.3
98°	0.1	0.3	0.3	0.4	0.3	0.5	0.3	0.3	0.1	0.1	0.3
98.5°	0.1	0.3	0.3	0.4	0.3	0.5	0.3	0.3	0.1	0.1	0.3
99°	0.1	0.4	0.3	0.4	0.3	0.5	0.3	0.4	0.1	0.1	0.3
99.5°	0.1	0.4	0.4	0.4	0.3	0.5	0.4	0.4	0.1	0.1	0.3
100°	0.1	0.4	0.4	0.5	0.3	0.5	0.4	0.4	0.1	0.1	0.3
100.5°	0.1	0.4	0.4	0.5	0.3	0.5	0.4	0.4	0.1	0.1	0.3
101°	0.1	0.4	0.5	0.5	0.3	0.5	0.5	0.4	0.1	0.1	0.4
101.5°	0.1	0.4	0.5	0.5	0.3	0.5	0.5	0.4	0.1	0.1	0.4
102°	0.1	0.4	0.5	0.5	0.3	0.6	0.5	0.4	0.1	0.2	0.4
102.5°	0.1	0.4	0.6	0.5	0.3	0.6	0.6	0.4	0.1	0.2	0.4
103°	0.1	0.4	0.6	0.5	0.3	0.6	0.6	0.4	0.1	0.2	0.4
103.5°	0.1	0.4	0.7	0.5	0.4	0.6	0.7	0.4	0.1	0.2	0.3
104°	0.1	0.4	0.7	0.5	0.4	0.6	0.8	0.4	0.1	0.2	0.3
104.5°	0.1	0.3	0.8	0.6	0.4	0.6	0.8	0.4	0.1	0.2	0.3
105°	0.1	0.3	0.8	0.6	0.4	0.6	0.9	0.4	0.1	0.2	0.3
105.5°	0.1	0.3	0.8	0.6	0.5	0.7	0.9	0.4	0.1	0.2	0.3
106°	0.1	0.3	0.8	0.6	0.5	0.7	0.9	0.3	0.1	0.2	0.3
106.5°	0.1	0.3	0.8	0.6	0.5	0.7	0.9	0.3	0.1	0.2	0.3
107°	0.1	0.3	0.8	0.7	0.5	0.7	0.9	0.3	0.1	0.2	0.3
107.5°	0.1	0.3	0.8	0.7	0.6	0.8	1.0	0.4	0.1	0.2	0.2
108°	0.1	0.3	0.9	0.7	0.6	0.8	1.0	0.4	0.1	0.2	0.2
108.5°	0.1	0.3	0.9	0.8	0.7	0.9	1.0	0.4	0.1	0.2	0.2
109°	0.1	0.3	0.9	0.8	0.7	0.9	1.0	0.4	0.1	0.2	0.2
109.5°	0.1	0.3	0.8	0.9	0.7	0.9	0.9	0.4	0.1	0.2	0.2
110°	0.1	0.3	0.8	0.9	0.8	0.9	0.9	0.4	0.1	0.2	0.2
110.5°	0.1	0.3	0.8	0.9	0.8	0.9	0.9	0.4	0.1	0.2	0.2
111°	0.1	0.3	0.8	0.9	0.9	0.9	0.9	0.4	0.1	0.2	0.2



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.1	0.3	0.8	0.9	0.9	1.0	0.8	0.4	0.1	0.2	0.1
113°	0.1	0.3	0.7	0.9	0.9	1.0	0.8	0.4	0.1	0.2	0.1
113.5°	0.1	0.3	0.7	0.9	1.0	1.0	0.8	0.4	0.1	0.2	0.1
114°	0.1	0.3	0.7	0.9	1.0	0.9	0.7	0.4	0.1	0.2	0.1
114.5°	0.1	0.3	0.6	0.9	1.0	0.9	0.7	0.4	0.1	0.2	0.1
115°	0.1	0.3	0.6	0.9	1.0	0.9	0.7	0.4	0.1	0.2	0.1
115.5°	0.1	0.3	0.6	0.9	1.0	0.9	0.6	0.4	0.1	0.2	0.1
116°	0.1	0.3	0.5	0.9	1.0	0.9	0.6	0.4	0.1	0.1	0.1
116.5°	0.1	0.3	0.5	0.9	1.0	0.9	0.6	0.4	0.1	0.1	0.1
117°	0.1	0.3	0.4	0.9	0.9	0.9	0.5	0.4	0.2	0.1	0.1
117.5°	0.1	0.3	0.4	0.9	0.9	0.8	0.5	0.4	0.2	0.1	0.1
118°	0.1	0.3	0.4	0.8	0.9	0.8	0.4	0.3	0.2	0.1	0.1
118.5°	0.1	0.3	0.3	0.8	0.9	0.8	0.4	0.3	0.2	0.1	0.1
119°	0.1	0.2	0.3	0.8	0.9	0.8	0.4	0.3	0.2	0.1	0.1
119.5°	0.1	0.2	0.3	0.8	0.9	0.8	0.4	0.3	0.1	0.1	0.1
120°	0.1	0.2	0.3	0.8	0.9	0.7	0.4	0.3	0.1	0.1	0.1
120.5°	0.1	0.2	0.3	0.8	0.8	0.7	0.4	0.3	0.1	0.1	0.1
121°	0.1	0.2	0.3	0.7	0.8	0.7	0.3	0.3	0.1	0.1	0.1
121.5°	0.1	0.2	0.3	0.7	0.8	0.7	0.3	0.3	0.1	0.1	0.1
122°	0.1	0.2	0.3	0.7	0.8	0.7	0.3	0.3	0.1	0.1	0.1
122.5°	0.2	0.2	0.3	0.7	0.8	0.6	0.3	0.2	0.1	0.1	0.2
123°	0.2	0.2	0.3	0.7	0.8	0.6	0.3	0.2	0.1	0.1	0.2
123.5°	0.2	0.2	0.3	0.6	0.7	0.6	0.3	0.2	0.1	0.1	0.2
124°	0.2	0.2	0.3	0.6	0.7	0.5	0.3	0.2	0.1	0.1	0.2
124.5°	0.2	0.2	0.3	0.5	0.7	0.5	0.3	0.2	0.1	0.1	0.2
125°	0.2	0.2	0.3	0.4	0.7	0.4	0.3	0.2	0.2	0.1	0.2
125.5°	0.2	0.2	0.3	0.4	0.6	0.4	0.3	0.2	0.2	0.1	0.2
126°	0.2	0.2	0.3	0.4	0.6	0.3	0.3	0.2	0.2	0.1	0.2
126.5°	0.2	0.2	0.3	0.4	0.5	0.3	0.3	0.2	0.2	0.1	0.2
127°	0.2	0.2	0.3	0.4	0.5	0.3	0.3	0.2	0.2	0.1	0.2
127.5°	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.2
128°	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2	0.2
128.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
129°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
129.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
130°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
130.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
131°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
131.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
132°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
132.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
133°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
133.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
135.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
136°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
136.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
137°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
137.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
138°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
138.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
141.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
142°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
142.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
143°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
143.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
144°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
144.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
145°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
145.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
146°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
146.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
147°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
147.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
148°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
148.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
149°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
149.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
150°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.2	0.3
150.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.2	0.3
151°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
151.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
152°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
152.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
153°	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
153.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
154°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
154.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
155°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
155.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
156°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
158°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
158.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
159°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
159.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
160°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
160.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3
161°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3
161.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3
162°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3
162.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
163°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
163.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
164°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
164.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
165°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3
165.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3
166°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3
166.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3
167°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3
167.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3
168°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
168.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
169°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
169.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
170°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
170.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
171°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
171.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3
172°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3
172.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
173°	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3
173.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
174°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
174.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
176°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
176.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
178°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
178.5°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2



TEST NUMBER: P710794  
CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
0°	433.2	433.2	433.2	433.2	433.2	433.2
0.5°	433.2	432.8	432.7	432.8	432.8	433.2
1°	433.1	432.7	432.5	432.5	432.6	432.9
1.5°	432.8	432.5	432.3	432.2	432.4	432.8
2°	432.3	432.1	431.8	431.8	432.2	432.7
2.5°	431.8	431.4	431.3	431.4	431.9	432.5
3°	431.3	430.8	430.6	431.0	431.6	432.2
3.5°	430.8	430.3	430.0	430.5	431.1	431.8
4°	430.1	429.8	429.4	429.9	430.6	431.3
4.5°	429.4	429.3	428.8	429.2	429.9	430.7
5°	428.6	428.5	428.0	428.5	429.1	430.1
5.5°	427.6	427.3	427.2	427.7	428.3	429.4
6°	426.6	426.2	426.4	426.8	427.6	428.6
6.5°	425.5	425.3	425.4	425.9	426.8	427.7
7°	424.6	424.4	424.3	425.0	426.0	426.8
7.5°	423.6	423.4	423.2	424.1	425.1	426.0
8°	422.6	422.5	422.1	423.0	423.8	425.0
8.5°	421.5	421.3	421.0	421.8	422.7	424.0
9°	420.2	420.0	419.7	420.5	421.5	422.9
9.5°	418.8	418.5	418.3	419.1	420.4	421.7
10°	417.3	417.2	416.9	417.8	419.1	420.4
10.5°	415.7	415.7	415.5	416.6	417.9	419.2
11°	414.3	414.2	414.1	415.1	416.5	417.9
11.5°	412.7	412.6	412.6	413.6	415.0	416.5
12°	411.1	411.2	411.0	412.0	413.3	415.1
12.5°	409.5	409.5	409.5	410.3	411.8	413.7
13°	407.8	407.8	407.7	408.6	410.2	412.1
13.5°	406.0	405.9	405.9	407.0	408.6	410.4
14°	404.2	404.1	404.0	405.1	407.0	408.8
14.5°	402.4	402.1	402.3	403.2	405.2	407.0
15°	400.6	400.2	400.5	401.2	403.2	405.2
15.5°	398.6	398.4	398.6	399.4	401.3	403.3
16°	396.5	396.4	396.7	397.6	399.4	401.5
16.5°	394.4	394.3	394.6	395.6	397.4	399.5
17°	392.1	392.2	392.2	393.5	395.5	397.7
17.5°	390.0	390.0	389.9	391.2	393.5	395.7
18°	387.8	387.7	387.8	389.1	391.5	393.6
18.5°	385.5	385.3	385.6	386.9	389.3	391.5
19°	383.2	383.1	383.5	384.7	387.0	389.3
19.5°	380.8	380.7	381.2	382.4	384.6	387.1
20°	378.4	378.4	378.8	380.2	382.1	384.8
20.5°	375.9	376.0	376.2	377.8	379.7	382.4
21°	373.5	373.5	373.6	375.2	377.4	380.0

TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	365.7	365.6	365.9	367.8	370.1	372.9
23°	363.0	363.0	363.2	365.2	367.4	370.5
23.5°	360.2	360.4	360.5	362.5	364.8	368.1
24°	357.4	357.6	357.9	359.6	362.3	365.3
24.5°	354.6	354.8	355.1	356.9	359.7	362.4
25°	351.8	351.9	352.4	354.3	357.0	359.6
25.5°	349.0	349.2	349.6	351.6	354.2	356.9
26°	346.2	346.2	346.8	348.8	351.3	354.3
26.5°	343.1	343.2	343.8	346.0	348.5	351.7
27°	340.2	340.3	340.8	343.1	345.6	348.9
27.5°	337.3	337.4	337.9	340.0	342.7	346.0
28°	334.2	334.4	334.8	337.0	340.0	343.0
28.5°	331.2	331.4	331.8	334.2	337.1	340.0
29°	328.1	328.3	328.8	331.5	334.0	336.9
29.5°	324.9	325.1	325.7	328.5	330.9	333.9
30°	321.7	321.9	322.7	325.4	327.8	330.9
30.5°	318.6	318.5	319.5	322.0	324.7	327.9
31°	315.5	315.1	316.3	318.8	321.7	324.9
31.5°	312.2	311.8	313.2	315.7	318.7	321.8
32°	309.0	308.3	309.9	312.7	315.6	318.6
32.5°	305.5	304.8	306.6	309.8	312.4	315.2
33°	302.0	301.1	303.0	306.7	309.2	311.8
33.5°	298.4	297.4	299.6	303.5	305.9	308.4
34°	294.9	293.7	296.0	300.0	302.6	304.9
34.5°	291.2	290.0	292.5	296.7	299.2	301.3
35°	287.6	286.4	289.0	293.5	295.7	297.7
35.5°	284.0	282.8	285.3	290.4	292.3	294.2
36°	280.4	279.1	281.6	287.2	288.9	290.5
36.5°	276.7	275.3	277.9	283.9	285.3	286.9
37°	273.1	271.4	274.3	280.4	281.5	283.2
37.5°	269.2	267.5	270.5	277.1	277.8	279.5
38°	265.5	263.8	266.9	273.8	274.2	275.7
38.5°	261.7	260.0	263.2	270.5	270.6	272.1
39°	258.0	256.3	259.6	267.3	267.0	268.3
39.5°	254.4	252.6	255.7	263.8	263.6	264.5
40°	250.7	248.8	251.9	260.3	259.7	260.7
40.5°	246.9	245.0	248.2	256.7	256.1	257.1
41°	243.1	241.0	244.5	253.1	252.2	253.4
41.5°	239.4	237.3	240.8	249.5	248.5	249.6
42°	235.6	233.3	237.2	245.8	244.8	245.9
42.5°	231.9	229.6	233.5	242.1	241.3	242.1
43°	228.1	225.7	229.6	238.3	237.7	238.4
43.5°	224.3	222.1	225.9	234.6	234.0	234.6





TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
45°	213.0	210.7	214.7	223.0	222.8	223.3
45.5°	209.4	206.9	211.1	219.3	219.0	219.6
46°	205.6	203.1	207.4	215.6	215.4	215.8
46.5°	202.0	199.5	203.7	211.6	211.8	212.0
47°	198.3	195.7	199.9	207.8	208.1	208.2
47.5°	194.7	192.0	196.4	204.1	204.4	204.6
48°	191.1	188.2	192.7	200.3	200.6	200.9
48.5°	187.2	184.5	189.0	196.6	197.0	197.2
49°	183.6	180.7	185.4	192.8	193.4	193.4
49.5°	179.9	177.0	181.7	189.1	189.8	189.7
50°	176.2	173.3	178.0	185.4	186.1	185.9
50.5°	172.6	169.6	174.4	181.6	182.4	182.2
51°	169.0	166.0	170.8	177.9	178.8	178.5
51.5°	165.6	162.3	167.3	174.2	175.2	174.8
52°	161.8	158.6	163.7	170.5	171.6	171.3
52.5°	158.3	155.0	160.1	166.8	168.0	167.7
53°	154.7	151.3	156.4	163.1	164.4	164.0
53.5°	151.0	147.7	152.9	159.3	160.7	160.2
54°	147.4	144.2	149.3	155.7	157.1	156.6
54.5°	144.0	140.7	145.9	152.1	153.6	153.0
55°	140.5	137.1	142.3	148.5	150.1	149.5
55.5°	137.0	133.5	138.7	144.9	146.6	145.9
56°	133.5	129.9	135.2	141.3	143.1	142.4
56.5°	130.1	126.4	131.8	137.8	139.5	138.8
57°	126.5	122.8	128.3	134.3	136.0	135.2
57.5°	123.1	119.4	124.9	130.7	132.4	131.6
58°	119.7	116.0	121.5	127.2	128.9	128.3
58.5°	116.3	112.5	118.0	123.6	125.2	124.7
59°	112.8	109.1	114.5	120.1	121.9	121.2
59.5°	109.4	105.7	111.0	116.6	118.3	117.7
60°	106.0	102.3	107.6	113.2	114.9	114.3
60.5°	102.5	98.9	104.1	109.7	111.3	110.8
61°	99.1	95.6	100.7	106.4	107.8	107.5
61.5°	95.7	92.2	97.3	103.0	104.4	104.2
62°	92.3	89.0	93.9	99.6	101.1	100.8
62.5°	88.9	85.6	90.6	96.1	97.5	97.4
63°	85.7	82.5	87.3	92.8	94.3	94.1
63.5°	82.5	79.2	84.0	89.5	90.9	90.8
64°	79.1	76.0	80.7	86.2	87.6	87.5
64.5°	75.9	73.0	77.4	82.9	84.0	84.3
65°	72.7	69.8	74.2	79.7	80.9	81.0
65.5°	69.6	66.7	71.0	76.5	77.6	77.9
66°	66.4	63.8	68.0	73.2	74.4	74.7



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	57.3	54.9	58.8	63.9	65.1	65.5
68°	54.4	52.1	55.8	60.9	62.0	62.5
68.5°	51.6	49.4	52.8	57.9	59.0	59.4
69°	48.8	46.9	50.0	54.8	56.0	56.6
69.5°	46.0	44.4	47.4	51.9	53.0	53.7
70°	43.3	42.0	44.9	49.0	50.2	50.9
70.5°	40.8	39.5	42.3	46.4	47.6	48.4
71°	38.3	37.0	39.7	43.7	44.9	45.8
71.5°	35.8	34.7	37.2	41.0	42.3	43.3
72°	33.5	32.4	34.8	38.4	39.7	40.7
72.5°	31.2	30.2	32.4	35.7	37.1	38.2
73°	29.0	28.0	30.1	33.2	34.7	35.8
73.5°	26.8	26.1	27.9	30.8	32.3	33.5
74°	24.8	24.1	25.8	28.5	30.1	31.3
74.5°	22.9	22.3	23.8	26.2	27.9	29.1
75°	21.1	20.7	22.0	24.2	25.7	27.0
75.5°	19.4	19.1	20.2	22.2	23.8	25.1
76°	17.8	17.6	18.6	20.4	21.9	23.2
76.5°	16.4	16.2	17.1	18.6	20.1	21.5
77°	15.0	14.9	15.7	17.0	18.5	19.8
77.5°	13.8	13.5	14.4	15.5	17.0	18.4
78°	12.6	12.3	13.1	14.1	15.6	17.0
78.5°	11.5	11.1	11.9	12.7	14.2	15.5
79°	10.4	9.9	10.7	11.5	12.9	14.1
79.5°	9.3	8.8	9.6	10.4	11.7	12.8
80°	8.1	7.8	8.6	9.4	10.5	11.5
80.5°	7.2	6.9	7.6	8.4	9.7	10.8
81°	6.3	6.0	6.7	7.5	8.6	9.6
81.5°	5.6	5.5	5.9	6.7	7.6	8.5
82°	5.1	5.2	5.4	6.0	6.7	7.5
82.5°	4.6	4.6	4.8	5.3	5.9	6.5
83°	4.0	4.0	4.3	4.7	5.4	5.8
83.5°	3.6	3.4	3.7	4.1	4.8	5.5
84°	2.9	2.8	3.1	3.6	4.3	5.0
84.5°	2.3	2.4	2.5	3.0	3.7	4.4
85°	1.9	1.9	2.1	2.4	3.1	3.8
85.5°	1.3	1.3	1.5	1.8	2.5	3.2
86°	0.8	0.9	0.9	1.3	2.1	2.6
86.5°	0.4	0.5	0.5	0.8	1.5	2.3
87°	0.1	0.1	0.2	0.4	0.9	1.7
87.5°	0.1	0.1	0.1	0.1	0.5	1.0
88°	0.1	0.1	0.1	0.1	0.1	0.7
88.5°	0.1	0.1	0.1	0.1	0.1	0.2



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.2	0.1	0.2	0.1	0.1	0.0
90.5°	0.2	0.1	0.2	0.1	0.1	0.1
91°	0.2	0.1	0.2	0.1	0.1	0.1
91.5°	0.2	0.1	0.2	0.1	0.1	0.1
92°	0.2	0.1	0.2	0.1	0.1	0.1
92.5°	0.2	0.1	0.3	0.2	0.1	0.1
93°	0.2	0.1	0.3	0.2	0.1	0.1
93.5°	0.3	0.1	0.3	0.2	0.1	0.1
94°	0.3	0.2	0.3	0.2	0.1	0.1
94.5°	0.3	0.2	0.3	0.2	0.1	0.1
95°	0.3	0.2	0.3	0.2	0.1	0.1
95.5°	0.3	0.2	0.3	0.2	0.2	0.1
96°	0.3	0.2	0.3	0.2	0.2	0.1
96.5°	0.2	0.2	0.2	0.3	0.2	0.1
97°	0.2	0.2	0.2	0.3	0.2	0.1
97.5°	0.2	0.2	0.2	0.3	0.2	0.1
98°	0.3	0.2	0.2	0.3	0.2	0.1
98.5°	0.3	0.2	0.2	0.4	0.2	0.1
99°	0.3	0.2	0.2	0.4	0.2	0.1
99.5°	0.3	0.2	0.2	0.4	0.2	0.1
100°	0.3	0.2	0.2	0.4	0.2	0.1
100.5°	0.3	0.2	0.3	0.4	0.2	0.1
101°	0.3	0.2	0.3	0.4	0.2	0.1
101.5°	0.3	0.3	0.3	0.4	0.2	0.1
102°	0.3	0.3	0.3	0.4	0.2	0.1
102.5°	0.3	0.3	0.3	0.4	0.2	0.1
103°	0.3	0.3	0.3	0.4	0.2	0.1
103.5°	0.3	0.3	0.3	0.4	0.2	0.1
104°	0.3	0.3	0.3	0.3	0.2	0.1
104.5°	0.3	0.3	0.3	0.3	0.2	0.1
105°	0.3	0.3	0.4	0.3	0.2	0.1
105.5°	0.3	0.4	0.4	0.3	0.2	0.1
106°	0.3	0.4	0.4	0.3	0.2	0.1
106.5°	0.3	0.4	0.3	0.3	0.2	0.1
107°	0.3	0.4	0.3	0.2	0.2	0.1
107.5°	0.3	0.4	0.3	0.2	0.2	0.1
108°	0.3	0.4	0.3	0.2	0.2	0.1
108.5°	0.3	0.3	0.3	0.2	0.2	0.1
109°	0.3	0.3	0.3	0.2	0.2	0.1
109.5°	0.2	0.3	0.3	0.2	0.2	0.1
110°	0.2	0.3	0.3	0.2	0.2	0.1
110.5°	0.2	0.3	0.3	0.2	0.2	0.1
111°	0.2	0.3	0.2	0.2	0.2	0.1



TEST NUMBER: P710794  
 CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.2	0.3	0.2	0.1	0.2	0.1
113°	0.2	0.2	0.2	0.1	0.2	0.1
113.5°	0.2	0.2	0.2	0.1	0.1	0.1
114°	0.2	0.2	0.2	0.1	0.1	0.1
114.5°	0.2	0.2	0.2	0.1	0.1	0.1
115°	0.2	0.2	0.2	0.1	0.1	0.1
115.5°	0.2	0.2	0.2	0.1	0.1	0.1
116°	0.2	0.2	0.2	0.1	0.1	0.1
116.5°	0.2	0.2	0.2	0.1	0.1	0.1
117°	0.2	0.2	0.2	0.1	0.1	0.1
117.5°	0.1	0.2	0.2	0.1	0.1	0.1
118°	0.1	0.2	0.2	0.1	0.1	0.1
118.5°	0.1	0.2	0.2	0.1	0.1	0.1
119°	0.1	0.2	0.2	0.1	0.1	0.1
119.5°	0.2	0.2	0.2	0.1	0.1	0.1
120°	0.2	0.2	0.2	0.1	0.1	0.1
120.5°	0.2	0.2	0.2	0.1	0.1	0.1
121°	0.2	0.2	0.2	0.1	0.1	0.1
121.5°	0.2	0.2	0.2	0.2	0.1	0.1
122°	0.2	0.2	0.2	0.2	0.1	0.1
122.5°	0.2	0.2	0.2	0.2	0.1	0.2
123°	0.2	0.2	0.2	0.2	0.1	0.2
123.5°	0.2	0.2	0.2	0.2	0.1	0.2
124°	0.2	0.2	0.2	0.2	0.1	0.2
124.5°	0.2	0.2	0.2	0.2	0.1	0.2
125°	0.2	0.2	0.2	0.2	0.1	0.2
125.5°	0.2	0.2	0.2	0.2	0.1	0.2
126°	0.2	0.2	0.2	0.2	0.1	0.2
126.5°	0.2	0.2	0.2	0.2	0.1	0.2
127°	0.2	0.2	0.2	0.2	0.1	0.2
127.5°	0.2	0.2	0.2	0.2	0.2	0.2
128°	0.2	0.2	0.2	0.2	0.2	0.2
128.5°	0.2	0.2	0.2	0.2	0.2	0.2
129°	0.2	0.2	0.2	0.2	0.2	0.2
129.5°	0.2	0.2	0.2	0.2	0.2	0.2
130°	0.2	0.2	0.2	0.2	0.2	0.2
130.5°	0.2	0.2	0.2	0.2	0.2	0.2
131°	0.2	0.2	0.2	0.2	0.2	0.2
131.5°	0.2	0.2	0.2	0.2	0.2	0.2
132°	0.2	0.2	0.2	0.2	0.2	0.2
132.5°	0.2	0.2	0.2	0.2	0.2	0.2
133°	0.2	0.2	0.2	0.2	0.2	0.2
133.5°	0.2	0.2	0.2	0.2	0.2	0.2



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.2	0.2	0.2	0.2	0.2	0.2
135.5°	0.2	0.2	0.2	0.2	0.2	0.2
136°	0.2	0.2	0.2	0.2	0.2	0.2
136.5°	0.2	0.2	0.2	0.2	0.2	0.2
137°	0.2	0.2	0.2	0.2	0.2	0.2
137.5°	0.2	0.2	0.2	0.2	0.2	0.2
138°	0.2	0.2	0.2	0.2	0.2	0.2
138.5°	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.2	0.2	0.2	0.2	0.2	0.2
143°	0.3	0.2	0.2	0.2	0.2	0.2
143.5°	0.3	0.2	0.2	0.2	0.2	0.2
144°	0.3	0.2	0.2	0.2	0.2	0.2
144.5°	0.3	0.2	0.2	0.2	0.2	0.2
145°	0.3	0.2	0.2	0.2	0.2	0.2
145.5°	0.3	0.2	0.2	0.2	0.2	0.3
146°	0.3	0.2	0.2	0.2	0.2	0.3
146.5°	0.3	0.2	0.2	0.2	0.2	0.3
147°	0.3	0.2	0.2	0.2	0.2	0.3
147.5°	0.3	0.2	0.2	0.2	0.2	0.3
148°	0.3	0.2	0.2	0.2	0.2	0.3
148.5°	0.3	0.2	0.2	0.2	0.2	0.3
149°	0.3	0.2	0.2	0.2	0.2	0.3
149.5°	0.3	0.2	0.2	0.2	0.2	0.3
150°	0.3	0.2	0.2	0.2	0.2	0.3
150.5°	0.3	0.2	0.2	0.2	0.2	0.3
151°	0.3	0.2	0.2	0.2	0.2	0.3
151.5°	0.3	0.2	0.2	0.2	0.2	0.3
152°	0.3	0.2	0.2	0.3	0.2	0.3
152.5°	0.3	0.2	0.3	0.3	0.2	0.3
153°	0.3	0.2	0.3	0.3	0.2	0.3
153.5°	0.3	0.3	0.3	0.3	0.2	0.3
154°	0.3	0.3	0.3	0.3	0.2	0.3
154.5°	0.3	0.3	0.3	0.3	0.2	0.3
155°	0.3	0.3	0.3	0.3	0.2	0.3
155.5°	0.3	0.3	0.3	0.3	0.2	0.3
156°	0.3	0.3	0.3	0.3	0.2	0.3



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.3	0.3	0.3	0.3	0.2	0.3
158°	0.3	0.3	0.3	0.3	0.2	0.3
158.5°	0.3	0.3	0.3	0.3	0.2	0.3
159°	0.3	0.3	0.3	0.3	0.2	0.3
159.5°	0.3	0.3	0.3	0.3	0.2	0.3
160°	0.3	0.3	0.3	0.3	0.2	0.3
160.5°	0.3	0.3	0.3	0.3	0.2	0.3
161°	0.3	0.3	0.3	0.3	0.2	0.3
161.5°	0.3	0.3	0.3	0.3	0.2	0.3
162°	0.3	0.3	0.3	0.3	0.2	0.3
162.5°	0.3	0.3	0.3	0.3	0.2	0.3
163°	0.3	0.3	0.3	0.3	0.2	0.3
163.5°	0.3	0.3	0.3	0.2	0.2	0.3
164°	0.3	0.3	0.3	0.2	0.2	0.3
164.5°	0.3	0.3	0.3	0.2	0.3	0.3
165°	0.3	0.3	0.3	0.2	0.3	0.3
165.5°	0.3	0.3	0.3	0.2	0.3	0.3
166°	0.3	0.3	0.3	0.2	0.3	0.3
166.5°	0.3	0.3	0.3	0.2	0.3	0.3
167°	0.3	0.2	0.3	0.2	0.3	0.3
167.5°	0.3	0.2	0.3	0.2	0.3	0.3
168°	0.3	0.2	0.3	0.2	0.3	0.3
168.5°	0.3	0.2	0.2	0.2	0.3	0.3
169°	0.3	0.2	0.2	0.2	0.3	0.3
169.5°	0.3	0.2	0.2	0.2	0.3	0.3
170°	0.3	0.2	0.2	0.3	0.3	0.3
170.5°	0.3	0.2	0.2	0.3	0.3	0.3
171°	0.3	0.2	0.2	0.3	0.3	0.3
171.5°	0.3	0.2	0.2	0.2	0.3	0.3
172°	0.3	0.2	0.2	0.2	0.3	0.3
172.5°	0.3	0.2	0.2	0.2	0.3	0.3
173°	0.3	0.2	0.2	0.2	0.3	0.3
173.5°	0.3	0.2	0.2	0.2	0.2	0.3
174°	0.3	0.2	0.2	0.2	0.2	0.3
174.5°	0.3	0.2	0.2	0.2	0.2	0.3
175°	0.3	0.2	0.2	0.2	0.2	0.3
175.5°	0.3	0.2	0.2	0.2	0.2	0.2
176°	0.3	0.2	0.2	0.2	0.2	0.2
176.5°	0.3	0.2	0.2	0.2	0.2	0.2
177°	0.3	0.2	0.2	0.2	0.2	0.2
177.5°	0.3	0.2	0.2	0.2	0.2	0.2
178°	0.2	0.2	0.2	0.2	0.2	0.2
178.5°	0.2	0.2	0.2	0.2	0.2	0.2



TEST NUMBER: P710794

CATALOG NUMBER: RSQ4LS9FSD2W1EWH-900lm-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.2	0.2	0.2	0.2	0.2	0.2

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9



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Peachtree City, GA 30269

Scaled Data Report





— 0°-180°    - - 45°-225°    - - - - 90°-270°    - · - · 135°-315°

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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



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Scaled Data Report





21.5°	377.5	380.7	382.8	385.9	384.9	384.4	382.9	380.7	378.5	376.1	374.6
22°	375.2	378.3	380.4	383.7	382.5	382.2	380.6	378.4	376.1	373.6	372.2



44°	230.8	237.8	246.3	245.2	239.6	242.4	245.6	234.3	227.0	227.4	231.2
44.5°	227.0	234.1	242.7	241.4	235.7	238.8	241.8	230.5	223.0	223.5	227.3



66.5°	71.6	79.4	84.2	85.6	80.0	83.3	82.6	76.0	68.5	68.7	69.7
67°	68.5	76.2	81.0	82.3	77.0	80.2	79.4	73.0	65.5	65.6	66.6



89°	0.0	0.5	1.2	2.3	2.2	2.2	1.7	1.0	0.4	0.1	0.1
89.5°	0.0	0.1	0.7	1.8	1.7	1.7	1.2	0.7	0.1	0.1	0.1





111.5°	0.1	0.3	0.8	0.9	0.9	1.0	0.9	0.4	0.1	0.2	0.1
112°	0.1	0.3	0.8	0.9	0.9	1.0	0.9	0.4	0.1	0.2	0.1



134°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
134.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2



156.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
157°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3



179°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
179.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

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Scaled Data Report



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Scaled Data Report



21.5°	370.9	370.9	371.0	372.7	375.1	377.5
22°	368.3	368.2	368.5	370.3	372.7	375.2



44°	220.5	218.2	222.2	230.7	230.2	230.8
44.5°	216.8	214.5	218.5	226.9	226.5	227.0



66.5°	63.3	60.8	64.8	70.1	71.3	71.6
67°	60.3	57.8	61.8	67.0	68.2	68.5





89°	0.2	0.1	0.1	0.1	0.1	0.0
89.5°	0.2	0.1	0.2	0.1	0.1	0.0

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Scaled Data Report



111.5°	0.2	0.3	0.2	0.1	0.2	0.1
112°	0.2	0.3	0.2	0.1	0.2	0.1



134°	0.2	0.2	0.2	0.2	0.2	0.2
134.5°	0.2	0.2	0.2	0.2	0.2	0.2

Signify Classified - Internal  
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Scaled Data Report



156.5°	0.3	0.3	0.3	0.3	0.2	0.3
157°	0.3	0.3	0.3	0.3	0.2	0.3

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



179°	0.2	0.2	0.2	0.2	0.2	0.2
179.5°	0.2	0.2	0.2	0.2	0.2	0.2

Signify Classified - Internal  
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Scaled Data Report



(END OF REPORT)