

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: P851827

Luminaire Tested: RLFRC6FSMBB-2700K

Issue Date: 7/3/2024

**Test Information**

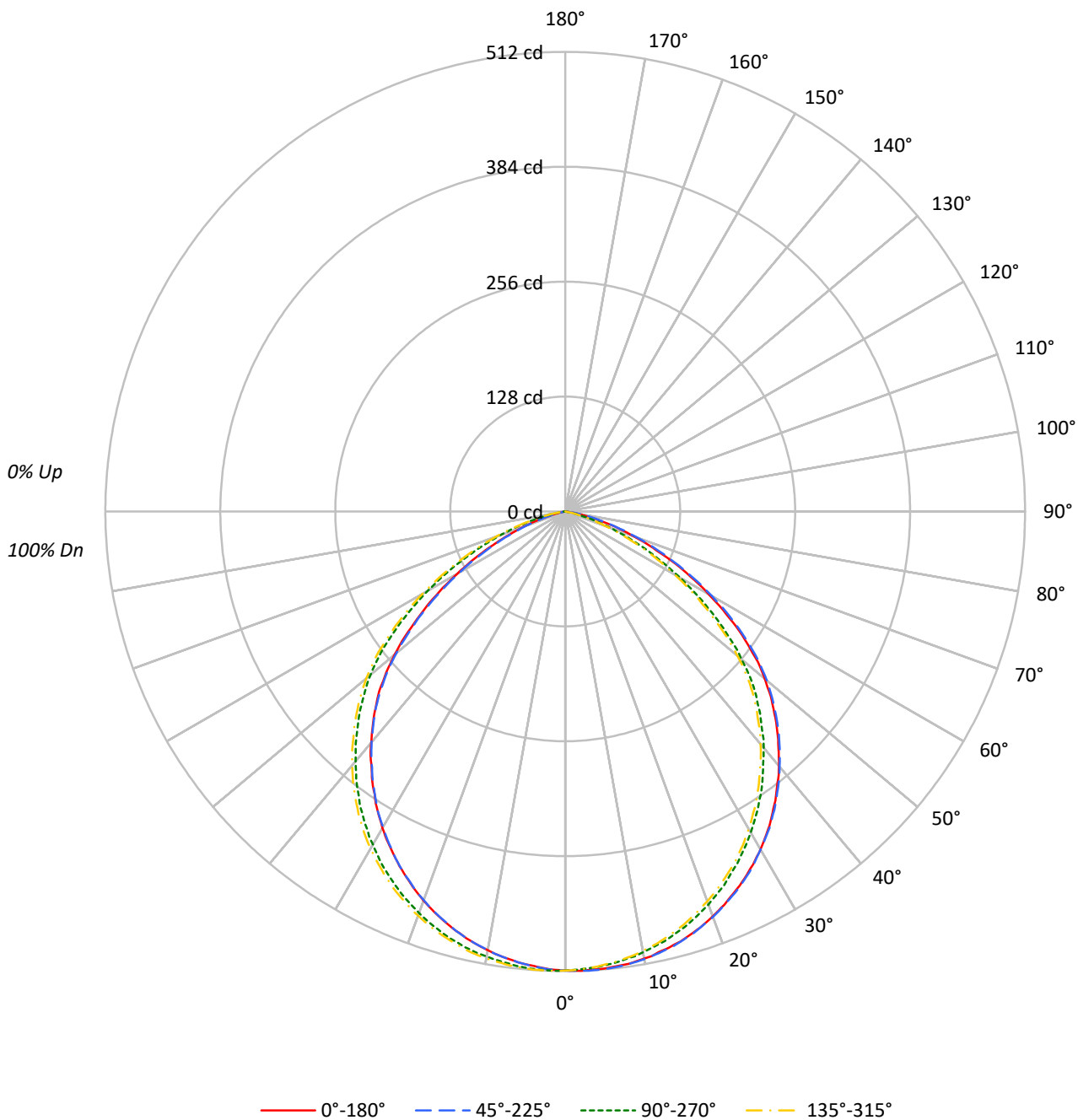
Test Method: LM-79-2019  
Report Number: P851827  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( UTC2404001E-D1)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/3/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: HALO  
Catalog Number: RLFRC6FSMBB-2700K  
Description: 6" Fire Rated Canless, 2700K CCT 1100lms,BLK  
Light Source: -  
Ballast/Driver:

**Summary**

Lumens per Lamp: 1250.2 (1 lamp)  
Luminaire Lumens: 1215.0 lumens  
Efficiency: 97.2%  
Efficacy: 92.7 lumens/watt  
Spacing Criteria (0/90/45): 1.22 / 1.22 / 1.33  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 13.1  
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: P851827  
CATALOG NUMBER: RLFRC6FSMBB-2700K

### 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	50	30	10	0													
RCR																																					
0	116	116	116	116	113	113	113	113	108	108	108	103	103	103	99	99	99	99	99	99	99	99	99	97													
1	107	104	100	97	105	101	98	95	97	95	92	94	91	89	90	88	87	87	87	87	87	87	87	85													
2	99	92	86	81	96	90	85	80	87	82	78	83	80	76	81	78	75	75	75	75	75	75	75	73													
3	91	81	74	69	88	80	73	68	77	71	67	75	70	66	72	68	65	65	65	65	65	65	65	63													
4	83	73	65	59	81	71	64	59	69	63	58	67	61	57	65	60	56	56	56	56	56	56	56	54													
5	77	65	57	51	75	64	57	51	62	56	50	60	55	50	59	54	49	49	49	49	49	49	49	47													
6	71	59	51	45	69	58	50	45	56	50	44	55	49	44	53	48	44	44	44	44	44	44	44	42													
7	66	54	46	40	65	53	45	40	51	45	40	50	44	39	49	43	39	39	39	39	39	39	39	37													
8	62	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	35	35	35	35	35	35	33													
9	58	45	38	32	56	45	37	32	44	37	32	42	36	32	42	36	32	32	32	32	32	32	32	30													
10	54	42	34	29	53	41	34	29	40	34	29	39	33	29	39	33	29	29	29	29	29	29	29	27													

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

	0°	90°	180°	270°
0°	64360	64360	64360	64360
5°	64555	64113	63974	64441
10°	64637	63717	63410	64343
15°	64610	63151	62721	64181
20°	64298	62410	61767	63749
25°	63848	61293	60557	63112
30°	63199	60017	59130	62240
35°	62099	58519	57336	61239
40°	60835	56498	55151	59652
45°	59089	53945	52682	57861
50°	56857	50180	48516	55427
55°	52835	44563	42259	50794
60°	46539	37277	35037	44500
65°	39040	29034	26563	36657
70°	30173	19833	17662	28075
75°	20471	10017	8023	18234
80°	9494	0	0	6378
85°	0	0	0	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 22.5°  
 Vertical Angle: 45°  
 Luminance: 60014 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture	% Lamp
0°-10°	48.3	4.0	3.9
10°-20°	137.8	11.3	11.0
20°-30°	206.4	17.0	16.5
30°-40°	243.2	20.0	19.4
40°-50°	241.7	19.9	19.3
50°-60°	193.4	15.9	15.5
60°-70°	110.0	9.1	8.8
70°-80°	33.1	2.7	2.6
80°-90°	1.2	0.1	0.1
90°-100°	0.0	0.0	0.0
100°-110°	0.0	0.0	0.0
110°-120°	0.0	0.0	0.0
120°-130°	0.0	0.0	0.0
130°-140°	0.0	0.0	0.0
140°-150°	0.0	0.0	0.0
150°-160°	0.0	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-30°	392.5	32.3	31.4
0°-40°	635.7	52.3	50.8
0°-60°	1070.7	88.1	85.6
0°-90°	1215.0	100.0	97.2
90°-120°	0.0	0.0	0.0
90°-150°	0.0	0.0	0.0
90°-180°	0.0	0.0	0.0
0°-180°	1215.0	100.0	97.2

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	511	511	511	511	511	
5°	511	508	506	510	511	49
15°	496	485	481	493	496	140
25°	460	441	436	454	460	212
35°	404	381	373	399	404	253
45°	332	303	296	325	332	256
55°	241	203	193	232	241	214
65°	131	98	89	123	131	130
75°	42	21	16	38	42	46
85°	0	0	0	0	0	3
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	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°	511.4	511.4	511.4	511.4	511.4	511.4	511.4	511.4	511.4	511.4	511.4
1°	511.8	512.2	511.8	512.0	510.9	511.1	511.1	510.7	510.9	510.7	511.0
2°	512.1	512.4	512.0	511.7	510.2	510.8	510.3	510.4	510.2	509.8	510.4
3°	511.6	512.2	512.2	512.0	509.5	509.8	509.6	509.5	509.0	509.0	509.3
4°	511.3	512.3	512.0	511.0	508.8	509.2	508.4	508.6	507.5	507.5	508.1
5°	511.0	512.1	511.6	511.0	507.5	507.8	506.8	506.7	506.4	505.9	506.5
6°	510.2	511.3	511.0	510.1	506.3	506.1	505.3	505.3	504.9	504.1	504.9
7°	509.5	510.8	510.2	509.2	504.7	504.6	503.8	504.1	502.8	502.7	502.7
8°	508.8	509.7	509.2	508.2	502.6	503.1	501.7	501.9	501.1	500.5	501.1
9°	507.3	508.5	507.8	507.0	501.4	500.9	499.8	500.1	499.0	497.9	498.9
10°	505.8	507.2	506.6	505.6	498.6	498.6	497.0	497.9	496.2	495.4	496.2
11°	504.5	505.9	504.6	503.8	496.3	496.3	494.5	495.2	493.8	492.7	493.5
12°	501.8	504.1	502.9	502.2	493.7	493.6	492.1	492.8	490.8	489.9	491.0
13°	500.3	502.2	500.9	499.8	491.3	491.3	488.8	489.5	488.1	486.2	487.9
14°	498.0	500.0	498.9	497.3	488.0	488.0	485.6	486.6	484.4	483.5	484.6
15°	495.9	497.8	496.2	495.1	484.7	484.7	482.3	483.3	481.4	480.0	481.2
16°	493.0	494.7	493.4	491.9	481.8	481.6	478.9	479.7	477.6	476.1	477.2
17°	490.1	492.0	490.7	489.0	478.0	478.1	474.7	476.4	473.8	472.0	473.4
18°	487.1	488.9	487.3	486.5	474.1	473.9	470.8	472.3	469.8	467.9	469.5
19°	483.7	485.9	483.9	483.1	470.1	470.5	466.5	467.9	465.5	463.8	465.2
20°	480.1	482.3	480.8	479.3	466.0	466.0	462.3	464.0	461.2	459.3	460.7
21°	476.3	479.0	477.1	475.5	461.3	461.7	457.8	458.8	456.5	454.3	456.4
22°	472.7	474.8	472.6	471.6	456.7	456.9	453.2	455.0	451.6	449.6	451.5
23°	468.1	471.0	469.0	467.8	452.6	452.9	448.0	450.0	446.3	444.2	445.9
24°	464.0	467.0	464.9	463.3	446.8	446.8	443.0	445.1	441.3	438.6	441.3
25°	459.8	462.8	460.7	459.0	441.4	441.8	437.9	439.5	436.1	433.9	435.8
26°	455.2	457.9	456.0	454.3	436.6	436.6	432.8	434.0	430.5	428.3	430.3
27°	450.1	453.1	451.5	449.2	430.7	431.4	426.6	428.8	424.8	422.4	424.2
28°	445.4	448.1	446.4	444.2	425.2	425.5	421.1	422.9	419.1	416.0	418.5
29°	440.0	442.9	440.4	438.9	419.2	420.1	414.7	416.9	413.3	409.8	412.2
30°	434.9	437.8	435.1	433.5	413.0	413.6	408.6	410.3	406.9	403.6	405.9
31°	429.1	432.7	429.6	427.6	406.6	407.3	402.2	403.8	400.4	396.9	399.9
32°	423.1	426.8	424.1	422.0	400.4	401.2	395.5	397.9	393.7	390.5	393.7
33°	417.4	420.7	418.6	416.0	394.0	394.1	389.2	391.6	387.6	383.7	386.3
34°	410.7	414.9	411.8	409.4	387.1	387.7	381.9	384.3	379.6	375.9	379.2
35°	404.2	408.5	405.9	403.3	380.9	381.3	375.0	377.5	373.2	369.6	372.4
36°	398.2	401.7	399.2	397.0	373.2	373.9	367.7	370.0	366.2	361.6	365.3
37°	390.9	395.3	392.2	390.6	365.8	366.8	360.5	362.8	358.1	354.9	357.4
38°	384.0	388.6	385.7	383.1	357.9	358.7	353.1	355.6	351.5	347.7	350.4
39°	377.6	381.8	378.7	376.7	351.1	352.2	346.2	348.8	344.4	339.9	342.9
40°	370.3	374.7	371.4	369.4	343.9	344.9	338.2	341.1	335.7	332.1	335.2
41°	362.6	367.4	364.1	361.6	336.5	336.5	331.2	333.0	328.2	324.0	327.5
42°	354.7	360.3	356.9	354.7	327.7	329.1	322.9	324.9	320.0	316.5	319.2
43°	347.6	352.6	349.6	347.2	319.8	321.1	314.4	317.5	312.3	308.9	311.0
44°	339.9	344.6	342.2	340.2	312.3	312.6	306.7	309.8	303.9	300.1	303.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	332.0	337.2	334.1	331.4	303.1	304.1	298.4	301.8	296.0	290.9	294.2
46°	323.9	328.8	326.2	323.7	295.4	296.1	289.9	292.9	287.7	282.1	285.3
47°	315.9	320.8	317.8	316.0	286.7	287.7	280.8	284.5	277.2	272.8	275.5
48°	308.0	312.7	309.8	307.3	277.6	278.0	270.6	274.8	268.3	262.0	266.4
49°	298.5	304.4	301.3	299.3	267.2	268.8	261.3	264.6	257.7	252.8	255.6
50°	290.4	296.1	293.2	290.8	256.3	258.2	250.4	254.8	247.8	241.2	245.3
51°	281.4	286.9	283.5	282.3	247.4	247.8	240.3	244.1	237.3	230.9	234.8
52°	272.4	278.0	274.8	272.0	235.9	237.4	229.4	233.8	226.4	219.5	222.9
53°	260.9	268.2	264.8	262.1	224.5	226.5	218.1	222.4	214.5	208.7	211.8
54°	250.9	257.0	254.5	252.1	213.9	214.5	206.1	211.2	204.0	197.0	201.7
55°	240.8	246.5	243.4	241.8	203.1	204.1	195.6	199.2	192.6	186.5	189.8
56°	229.9	236.0	232.9	231.4	191.5	192.4	184.2	188.9	182.9	175.9	178.9
57°	218.1	225.7	222.2	219.6	180.6	181.9	174.3	178.7	171.0	165.1	168.2
58°	207.1	213.7	211.8	209.3	169.1	171.3	162.6	166.9	160.4	153.2	156.9
59°	195.5	203.1	199.5	197.2	158.5	160.3	152.1	156.7	149.1	142.9	146.9
60°	184.9	192.6	188.7	186.5	148.1	149.4	141.4	145.5	139.2	132.1	135.3
61°	174.1	180.2	177.8	176.0	137.1	138.8	130.9	134.2	128.2	122.0	125.5
62°	163.0	169.4	167.5	165.3	126.2	128.3	120.7	123.6	118.8	112.2	115.7
63°	152.0	159.0	155.6	154.8	116.2	117.6	111.4	115.2	108.8	102.6	104.5
64°	141.7	148.4	145.7	143.9	106.9	107.8	101.6	104.8	98.6	92.7	95.3
65°	131.1	137.0	134.9	133.3	97.5	98.7	92.4	95.4	89.2	83.7	85.7
66°	120.1	127.4	123.9	122.5	87.7	88.9	81.9	85.9	80.4	74.8	76.8
67°	110.1	117.4	114.6	112.6	78.8	79.5	73.8	76.7	71.2	66.3	68.6
68°	101.1	107.0	104.7	102.9	69.6	70.8	65.0	68.7	62.9	58.2	59.8
69°	92.2	97.4	95.6	93.9	61.1	62.4	57.9	60.0	55.7	50.3	52.5
70°	82.0	88.2	85.6	83.8	53.9	55.2	49.4	52.3	48.0	42.4	45.5
71°	73.1	79.6	76.9	75.0	47.0	47.4	42.3	45.0	40.8	36.2	37.9
72°	65.5	70.6	68.8	66.7	39.3	40.6	34.6	38.0	33.6	28.9	31.3
73°	57.9	62.0	59.6	58.7	32.4	34.0	29.3	31.4	27.3	23.6	25.4
74°	49.1	54.0	52.0	51.3	26.5	26.6	23.1	25.3	21.4	18.5	19.4
75°	42.1	47.6	45.6	43.5	20.6	21.7	18.2	19.8	16.5	13.8	14.9
76°	35.1	39.6	38.2	37.0	15.1	15.9	13.3	15.1	11.2	9.1	10.6
77°	29.1	33.2	31.1	30.7	10.3	11.7	9.3	10.7	7.9	5.1	6.4
78°	22.9	27.1	25.3	24.5	6.9	6.9	5.3	6.3	4.0	2.4	3.5
79°	17.8	21.8	20.0	18.2	2.7	4.2	2.4	3.6	2.0	1.1	1.4
80°	13.1	15.6	14.9	13.8	0.0	1.8	0.0	1.2	0.0	0.0	0.0
81°	9.2	11.0	10.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82°	5.4	7.3	6.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83°	2.8	4.6	3.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	2.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P851827  
 CATALOG NUMBER: RLFRC6FSMBB-2700K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





TEST NUMBER: P851827  
 CATALOG NUMBER: RLFRC6FSMBB-2700K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P851827  
CATALOG NUMBER: RLFRC6FSMBB-2700K

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P851827  
 CATALOG NUMBER: RLFRC6FSMBB-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
0°	511.4	511.4	511.4	511.4	511.4	511.4
1°	510.5	511.8	511.7	511.7	511.3	511.8
2°	510.0	511.7	511.6	511.9	511.6	512.1
3°	509.1	511.4	511.5	511.8	511.7	511.6
4°	508.0	510.9	511.0	511.6	511.3	511.3
5°	507.0	510.1	510.5	511.0	510.9	511.0
6°	505.2	509.2	509.5	510.2	510.6	510.2
7°	503.4	507.8	508.3	509.4	509.0	509.5
8°	501.3	506.5	507.2	508.1	507.6	508.8
9°	499.1	505.3	505.5	507.0	506.4	507.3
10°	496.8	503.5	503.8	505.5	504.7	505.8
11°	494.7	502.0	502.0	503.9	502.8	504.5
12°	492.1	500.0	499.9	502.2	501.1	501.8
13°	488.7	498.0	497.9	500.0	498.8	500.3
14°	485.6	495.0	495.7	497.2	496.4	498.0
15°	482.3	492.6	492.4	494.7	494.0	495.9
16°	478.4	489.7	489.6	492.0	491.1	493.0
17°	474.7	486.4	486.5	489.3	488.2	490.1
18°	470.7	483.2	483.7	486.1	485.0	487.1
19°	466.4	479.9	479.5	482.7	481.5	483.7
20°	462.3	476.0	476.2	479.0	478.0	480.1
21°	457.5	472.0	472.5	475.8	474.3	476.3
22°	452.9	468.1	468.5	471.4	470.4	472.7
23°	447.8	464.0	463.7	467.3	466.3	468.1
24°	442.6	459.4	459.9	463.4	461.8	464.0
25°	436.9	454.5	455.4	458.8	457.5	459.8
26°	432.1	449.8	450.1	454.2	452.3	455.2
27°	426.0	445.1	445.3	449.0	447.5	450.1
28°	420.6	439.9	440.0	444.0	442.5	445.4
29°	414.3	434.1	434.9	439.0	436.6	440.0
30°	407.8	428.3	429.3	433.4	431.0	434.9
31°	401.7	423.3	423.5	428.2	425.8	429.1
32°	395.7	416.6	417.4	422.2	419.9	423.1
33°	388.2	410.9	411.0	416.0	413.7	417.4
34°	381.6	404.6	404.7	410.3	407.9	410.7
35°	374.2	398.6	398.6	403.3	401.5	404.2
36°	367.1	391.1	391.9	396.9	394.2	398.2
37°	359.8	384.8	384.6	390.2	387.5	390.9
38°	352.1	377.8	377.8	383.8	381.1	384.0
39°	344.4	370.3	371.1	376.1	373.6	377.6
40°	336.6	363.1	363.8	368.8	366.0	370.3
41°	329.1	355.6	355.8	361.6	358.8	362.6
42°	320.4	348.5	348.2	354.2	351.1	354.7
43°	313.2	340.4	341.2	345.8	343.9	347.6
44°	305.1	332.7	332.5	338.6	335.5	339.9



TEST NUMBER: P851827  
 CATALOG NUMBER: RLFRC6FSMBB-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
45°	296.2	325.1	324.4	330.9	327.8	332.0
46°	287.7	317.1	316.5	322.7	319.2	323.9
47°	278.0	308.4	308.4	314.5	311.0	315.9
48°	268.3	299.9	299.3	306.4	302.5	308.0
49°	257.8	292.1	291.1	297.9	294.2	298.5
50°	247.7	283.1	282.1	288.7	286.2	290.4
51°	236.9	273.3	271.9	279.6	275.5	281.4
52°	225.9	263.5	262.0	270.2	265.8	272.4
53°	214.2	253.7	252.2	260.2	256.0	260.9
54°	203.8	242.0	241.4	248.8	245.4	250.9
55°	193.0	231.5	229.8	238.2	233.5	240.8
56°	181.5	221.1	219.2	227.6	223.3	229.9
57°	170.1	209.2	208.1	216.4	212.2	218.1
58°	159.9	198.1	197.1	205.4	200.9	207.1
59°	148.3	187.6	186.1	195.0	189.6	195.5
60°	137.2	176.8	175.3	183.2	179.0	184.9
61°	127.8	165.2	164.4	172.1	168.3	174.1
62°	117.8	154.8	152.6	161.4	156.8	163.0
63°	107.5	144.3	142.2	150.6	145.8	152.0
64°	98.0	133.8	132.2	139.0	135.9	141.7
65°	87.8	123.1	122.7	129.0	125.3	131.1
66°	79.0	112.8	111.5	119.3	114.9	120.1
67°	71.0	104.3	102.1	109.7	105.7	110.1
68°	62.3	94.3	93.5	99.3	95.8	101.1
69°	53.3	84.5	83.7	90.1	85.9	92.2
70°	46.4	76.3	74.2	81.4	77.2	82.0
71°	38.7	67.4	66.0	72.8	68.9	73.1
72°	32.5	59.4	57.0	63.0	59.7	65.5
73°	26.0	51.4	49.3	55.5	52.1	57.9
74°	21.2	44.5	42.8	48.6	45.5	49.1
75°	15.4	37.5	36.1	40.7	37.9	42.1
76°	10.7	30.3	29.5	34.4	32.0	35.1
77°	6.6	24.2	23.8	28.4	25.6	29.1
78°	3.8	18.9	17.8	21.9	19.8	22.9
79°	1.3	13.7	13.1	17.0	14.8	17.8
80°	0.0	8.8	8.8	12.1	10.0	13.1
81°	0.0	5.5	4.6	7.9	6.6	9.2
82°	0.0	2.5	2.6	4.6	3.6	5.4
83°	0.0	0.0	0.0	2.3	1.4	2.8
84°	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P851827  
 CATALOG NUMBER: RLFRC6FSMBB-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P851827  
 CATALOG NUMBER: RLFRC6FSMBB-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0
141°	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.0	0.0	0.0	0.0	0.0	0.0
144°	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0
146°	0.0	0.0	0.0	0.0	0.0	0.0
147°	0.0	0.0	0.0	0.0	0.0	0.0
148°	0.0	0.0	0.0	0.0	0.0	0.0
149°	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0
151°	0.0	0.0	0.0	0.0	0.0	0.0
152°	0.0	0.0	0.0	0.0	0.0	0.0
153°	0.0	0.0	0.0	0.0	0.0	0.0
154°	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0
156°	0.0	0.0	0.0	0.0	0.0	0.0
157°	0.0	0.0	0.0	0.0	0.0	0.0
158°	0.0	0.0	0.0	0.0	0.0	0.0
159°	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0
161°	0.0	0.0	0.0	0.0	0.0	0.0
162°	0.0	0.0	0.0	0.0	0.0	0.0
163°	0.0	0.0	0.0	0.0	0.0	0.0
164°	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0
166°	0.0	0.0	0.0	0.0	0.0	0.0
167°	0.0	0.0	0.0	0.0	0.0	0.0
168°	0.0	0.0	0.0	0.0	0.0	0.0
169°	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0
171°	0.0	0.0	0.0	0.0	0.0	0.0
172°	0.0	0.0	0.0	0.0	0.0	0.0
173°	0.0	0.0	0.0	0.0	0.0	0.0
174°	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0
176°	0.0	0.0	0.0	0.0	0.0	0.0
177°	0.0	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P851827  
CATALOG NUMBER: RLFRC6FSMBB-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)