

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: HALO

Report Number: P1431929

Luminaire Tested: **HSLBKMW-Cut-Off-3000K**

Issue Date: 3/17/2026



Test Information

Test Method: LM-79-08
Report Number: P1431929
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ($\times \odot \text{É} \frac{1}{2} \text{Ø} \ddot{\text{O}} \cdot \text{§} \times \text{É} \ll$)
Test Lab: INNOVATION CENTER
Issue Date: 3/17/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: HSLBKMW-Cut-Off-3000K
Description: Cutoff

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

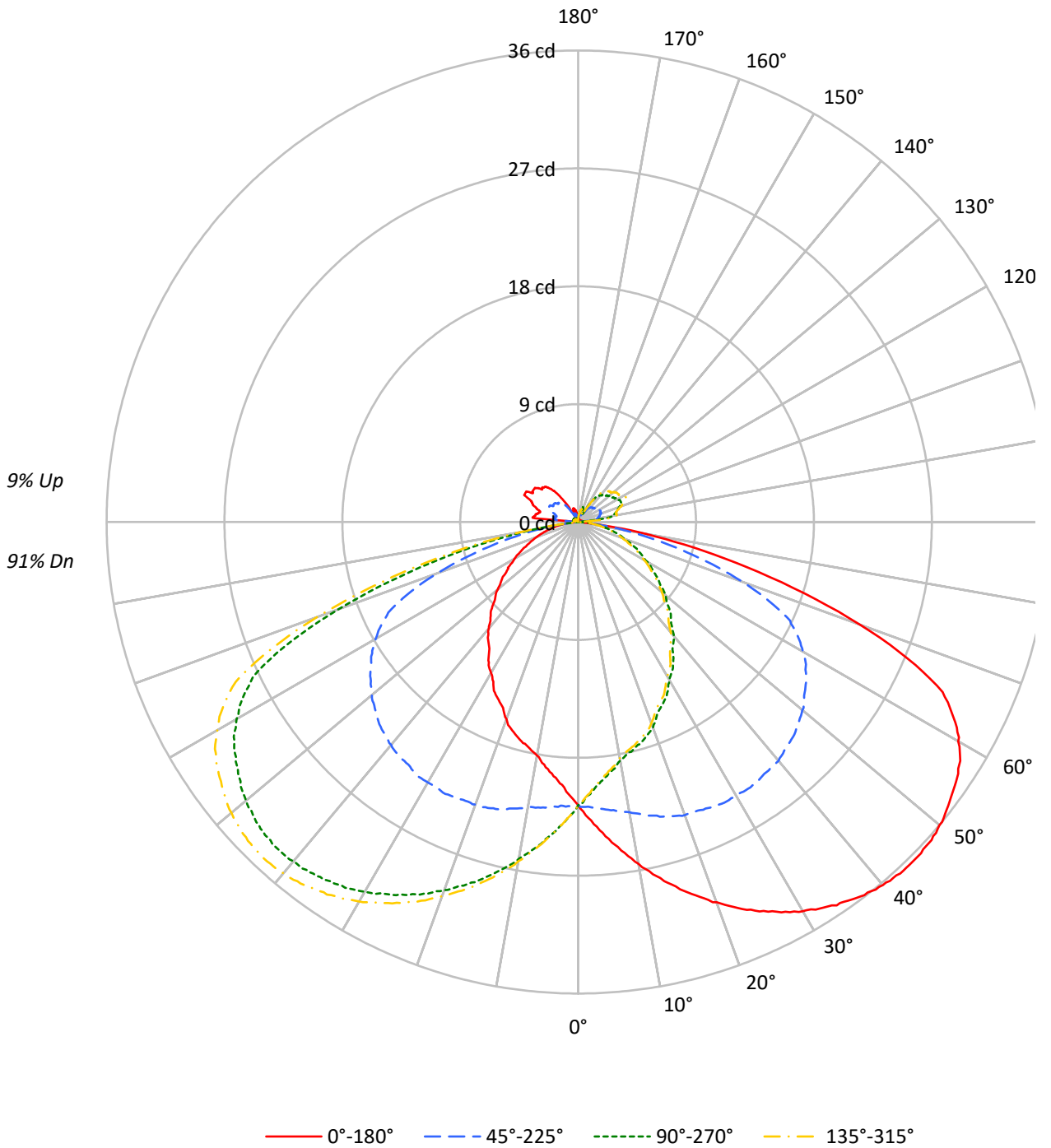
Summary

Lumens per Lamp: 128.98 (1 lamp)
Luminaire Lumens: 103.5 lumens
Efficiency: 80.3%
Efficacy: 26.5 lumens/watt
Spacing Criteria (0/90/45): 1.65 / 1.6 / 1.76
Luminous Opening: Rectangular (W 0.32' x L: 0.76' x H: 0')
CIE Type: Direct

Input Watts (W): 3.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: >0.9
Total Harmonic Distortion (THDi): <20
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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CATALOG NUMBER: HSLBKMW-Cut-Off-3000K

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

	RF	20		20		20		20		20		20		20		20		
	RC	80		70		50		30		10		50		30		10		
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
	RCR																	
0°	0	94	94	94	94	91	91	91	91	85	85	85	80	80	80	75	75	75
	1	85	81	78	75	82	79	76	73	74	71	69	70	68	66	66	64	63
	2	77	70	64	59	74	68	62	58	64	59	55	60	56	53	57	54	51
	3	69	60	53	48	67	59	52	47	55	50	45	52	47	44	49	45	42
	4	63	53	45	40	60	51	44	39	48	42	38	46	40	36	43	39	35
	5	57	47	39	33	55	45	38	33	43	37	32	40	35	31	38	34	30
	6	53	41	34	29	51	40	33	28	38	32	27	36	31	27	34	29	26
	7	49	37	30	25	47	36	29	24	34	28	24	33	27	23	31	26	22
	8	45	34	27	22	43	33	26	21	31	25	21	30	24	20	28	23	20
	9	42	31	24	19	40	30	23	19	28	23	19	27	22	18	26	21	18
	10	39	28	22	17	38	27	21	17	26	21	17	25	20	16	24	19	16

110°

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	972	972	972	972
5°	1088	899	885	1084
10°	1210	845	827	1192
15°	1341	820	801	1313
20°	1479	799	766	1431
25°	1628	759	730	1559
30°	1782	722	691	1693
35°	1944	697	648	1834
40°	2126	669	622	1985
45°	2316	636	592	2150
50°	2519	609	560	2316
55°	2753	580	525	2502
60°	3014	549	504	2708
65°	3268	532	468	2874
70°	3012	500	447	2565
75°	2329	487	417	1894
80°	1373	466	389	1010
85°	206	465	310	103



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ZONAL LUMENS:					CANDELA DISTRIBUTION:					
20	Zone	Lumens	% Fixture	% Lamp		0°	90°	180°	270°	360°
0	0°-10°	2.1	2.0	1.6	0°	22	22	22	22	22
0	10°-20°	6.5	6.3	5.1	5°	24	20	20	24	24
	20°-30°	10.9	10.5	8.4	15°	29	18	17	28	29
73	30°-40°	14.6	14.1	11.4	25°	33	15	15	31	33
60	40°-50°	17.3	16.7	13.4	35°	35	13	12	33	35
49	50°-60°	18.1	17.5	14.1	45°	36	10	9	34	36
40	60°-70°	16.1	15.6	12.5	55°	35	7	7	32	35
33	70°-80°	7.9	7.6	6.1	65°	31	5	4	27	31
28	80°-90°	1.0	0.9	0.7	75°	13	3	2	11	13
24	90°-100°	0.8	0.8	0.6	85°	0	1	1	0	0
21	100°-110°	1.8	1.8	1.4	90°	0	0	0	0	0
18	110°-120°	2.1	2.0	1.6	95°	0	0	3	0	0
16	120°-130°	1.8	1.7	1.4	105°	0	3	3	0	0
14	130°-140°	1.4	1.3	1.1	115°	0	4	4	0	0
	140°-150°	0.8	0.7	0.6	125°	0	3	4	0	0
	150°-160°	0.2	0.2	0.2	135°	0	3	4	0	0
	160°-170°	0.2	0.2	0.1	145°	0	2	2	0	0
	170°-180°	0.0	0.0	0.0	155°	0	1	0	0	0
	0°-30°	19.5	18.8	15.1	165°	0	1	1	0	0
	0°-40°	34.2	33.0	26.5	175°	0	0	0	0	0
	0°-60°	69.5	67.2	53.9	180°	0	0	0	0	0
	0°-90°	94.5	91.3	73.3						
	90°-120°	4.7	4.5	3.6						
	90°-150°	8.7	8.4	6.7						
	90°-180°	9.0	8.7	7.0						
	0°-180°	103.5	100.0	80.3						



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CANDELA DISTRIBUTION (FULL):

Flux		0°	90°	180°	270°	360°
	0°	21.6	21.6	21.6	21.6	21.6
2	0.5°	21.9	21.6	21.4	22.0	21.9
8	1°	22.1	21.4	21.2	22.2	22.1
15	1.5°	22.4	21.1	21.0	22.4	22.4
22	2°	22.6	20.9	20.8	22.6	22.6
28	2.5°	22.8	20.8	20.6	22.9	22.8
31	3°	23.1	20.6	20.3	23.1	23.1
29	3.5°	23.3	20.4	20.1	23.3	23.3
14	4°	23.6	20.2	20.0	23.6	23.6
1	4.5°	23.8	20.1	19.8	23.8	23.8
0	5°	24.1	19.9	19.6	24.0	24.1
0	5.5°	24.3	19.8	19.5	24.2	24.3
0	6°	24.6	19.6	19.3	24.4	24.6
0	6.5°	24.8	19.5	19.2	24.7	24.8
0	7°	25.0	19.3	19.0	24.9	25.0
0	7.5°	25.3	19.2	18.9	25.1	25.3
0	8°	25.5	19.1	18.7	25.3	25.5
0	8.5°	25.8	19.0	18.6	25.5	25.8
0	9°	26.0	18.8	18.4	25.7	26.0
0	9.5°	26.3	18.6	18.2	25.9	26.3
	10°	26.5	18.5	18.1	26.1	26.5
	10.5°	26.8	18.4	18.0	26.4	26.8
	11°	27.0	18.3	17.9	26.6	27.0
	11.5°	27.2	18.2	17.8	26.8	27.2
	12°	27.5	18.1	17.7	27.0	27.5
	12.5°	27.7	18.0	17.6	27.2	27.7
	13°	27.9	18.0	17.5	27.4	27.9
	13.5°	28.2	17.9	17.4	27.6	28.2
	14°	28.4	17.8	17.4	27.8	28.4
	14.5°	28.6	17.7	17.3	28.0	28.6
	15°	28.8	17.6	17.2	28.2	28.8
	15.5°	29.1	17.6	17.1	28.4	29.1
	16°	29.3	17.5	17.0	28.6	29.3
	16.5°	29.5	17.4	16.9	28.7	29.5
	17°	29.7	17.3	16.8	28.9	29.7
	17.5°	29.9	17.2	16.7	29.1	29.9
	18°	30.1	17.1	16.6	29.2	30.1
	18.5°	30.3	17.0	16.5	29.4	30.3
	19°	30.5	16.9	16.4	29.6	30.5
	19.5°	30.8	16.8	16.2	29.8	30.8
	20°	30.9	16.7	16.0	29.9	30.9
	20.5°	31.1	16.5	15.9	30.1	31.1
	21°	31.3	16.4	15.7	30.2	31.3
	21.5°	31.5	16.2	15.5	30.4	31.5
	22°	31.7	16.0	15.3	30.6	31.7

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CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
22.5°	31.9	15.8	15.2	30.7	31.9
23°	32.1	15.7	15.1	30.9	32.1
23.5°	32.3	15.6	15.0	31.0	32.3
24°	32.4	15.5	14.9	31.1	32.4
24.5°	32.6	15.4	14.8	31.3	32.6
25°	32.8	15.3	14.7	31.4	32.8
25.5°	32.9	15.2	14.6	31.5	32.9
26°	33.1	15.1	14.5	31.7	33.1
26.5°	33.2	15.0	14.4	31.8	33.2
27°	33.4	14.9	14.2	31.9	33.4
27.5°	33.6	14.7	14.0	32.0	33.6
28°	33.7	14.6	13.8	32.1	33.7
28.5°	33.9	14.4	13.7	32.3	33.9
29°	34.0	14.2	13.5	32.4	34.0
29.5°	34.2	14.1	13.4	32.5	34.2
30°	34.3	13.9	13.3	32.6	34.3
30.5°	34.4	13.8	13.2	32.7	34.4
31°	34.5	13.7	13.1	32.8	34.5
31.5°	34.7	13.6	13.0	32.9	34.7
32°	34.8	13.5	12.9	33.0	34.8
32.5°	34.9	13.4	12.7	33.1	34.9
33°	35.0	13.3	12.6	33.1	35.0
33.5°	35.1	13.1	12.4	33.2	35.1
34°	35.3	13.0	12.2	33.3	35.3
34.5°	35.3	12.8	12.0	33.3	35.3
35°	35.4	12.7	11.8	33.4	35.4
35.5°	35.5	12.5	11.7	33.5	35.5
36°	35.6	12.3	11.6	33.5	35.6
36.5°	35.7	12.1	11.5	33.6	35.7
37°	35.8	12.0	11.4	33.6	35.8
37.5°	35.9	11.9	11.3	33.7	35.9
38°	35.9	11.8	11.2	33.7	35.9
38.5°	36.0	11.7	11.0	33.8	36.0
39°	36.1	11.6	10.9	33.8	36.1
39.5°	36.1	11.5	10.8	33.8	36.1
40°	36.2	11.4	10.6	33.8	36.2
40.5°	36.2	11.2	10.5	33.9	36.2
41°	36.3	11.0	10.3	33.9	36.3
41.5°	36.3	10.9	10.1	33.9	36.3
42°	36.3	10.7	10.0	33.9	36.3
42.5°	36.4	10.5	9.9	33.9	36.4
43°	36.4	10.4	9.8	33.9	36.4
43.5°	36.4	10.3	9.7	33.9	36.4
44°	36.4	10.2	9.6	33.8	36.4
44.5°	36.4	10.1	9.5	33.8	36.4

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CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
45°	36.4	10.0	9.3	33.8	36.4
45.5°	36.4	9.9	9.2	33.7	36.4
46°	36.4	9.7	9.0	33.7	36.4
46.5°	36.3	9.6	8.8	33.6	36.3
47°	36.3	9.4	8.7	33.6	36.3
47.5°	36.3	9.2	8.6	33.5	36.3
48°	36.3	9.1	8.5	33.4	36.3
48.5°	36.2	9.0	8.4	33.3	36.2
49°	36.2	8.9	8.3	33.3	36.2
49.5°	36.1	8.8	8.2	33.2	36.1
50°	36.0	8.7	8.0	33.1	36.0
50.5°	36.0	8.6	7.9	33.0	36.0
51°	35.9	8.4	7.7	32.9	35.9
51.5°	35.8	8.3	7.6	32.8	35.8
52°	35.7	8.1	7.5	32.7	35.7
52.5°	35.6	7.9	7.4	32.5	35.6
53°	35.5	7.8	7.3	32.4	35.5
53.5°	35.4	7.7	7.2	32.3	35.4
54°	35.3	7.6	7.1	32.1	35.3
54.5°	35.2	7.5	6.9	32.0	35.2
55°	35.1	7.4	6.7	31.9	35.1
55.5°	35.0	7.2	6.6	31.7	35.0
56°	34.9	7.1	6.5	31.6	34.9
56.5°	34.8	6.9	6.4	31.5	34.8
57°	34.6	6.8	6.4	31.3	34.6
57.5°	34.5	6.7	6.2	31.1	34.5
58°	34.4	6.6	6.1	31.0	34.4
58.5°	34.2	6.5	5.9	30.8	34.2
59°	34.0	6.4	5.8	30.5	34.0
59.5°	33.8	6.3	5.7	30.3	33.8
60°	33.5	6.1	5.6	30.1	33.5
60.5°	33.4	5.9	5.5	29.8	33.4
61°	33.1	5.8	5.4	29.6	33.1
61.5°	32.9	5.7	5.3	29.4	32.9
62°	32.6	5.6	5.1	29.1	32.6
62.5°	32.3	5.5	5.0	28.8	32.3
63°	32.0	5.4	4.9	28.5	32.0
63.5°	31.7	5.3	4.8	28.1	31.7
64°	31.4	5.1	4.7	27.8	31.4
64.5°	31.0	5.0	4.6	27.5	31.0
65°	30.7	5.0	4.4	27.0	30.7
65.5°	30.1	4.9	4.3	26.4	30.1
66°	29.4	4.7	4.2	25.7	29.4
66.5°	28.7	4.6	4.1	25.1	28.7
67°	28.0	4.4	4.0	24.3	28.0

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CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
67.5°	27.2	4.3	3.9	23.6	27.2
68°	26.4	4.3	3.8	22.8	26.4
68.5°	25.6	4.2	3.7	22.0	25.6
69°	24.7	4.0	3.6	21.2	24.7
69.5°	23.8	3.9	3.5	20.3	23.8
70°	22.9	3.8	3.4	19.5	22.9
70.5°	21.9	3.7	3.3	18.6	21.9
71°	21.0	3.6	3.2	17.7	21.0
71.5°	20.0	3.5	3.1	16.9	20.0
72°	19.1	3.4	3.0	16.0	19.1
72.5°	18.1	3.3	2.9	15.1	18.1
73°	17.1	3.2	2.8	14.2	17.1
73.5°	16.2	3.1	2.7	13.4	16.2
74°	15.2	3.0	2.6	12.6	15.2
74.5°	14.3	2.9	2.5	11.7	14.3
75°	13.4	2.8	2.4	10.9	13.4
75.5°	12.5	2.7	2.3	10.1	12.5
76°	11.6	2.5	2.2	9.3	11.6
76.5°	10.7	2.4	2.1	8.6	10.7
77°	9.9	2.4	2.0	7.8	9.9
77.5°	9.1	2.3	2.0	7.1	9.1
78°	8.3	2.1	1.8	6.4	8.3
78.5°	7.5	2.1	1.8	5.7	7.5
79°	6.8	2.0	1.7	5.1	6.8
79.5°	6.0	1.9	1.6	4.5	6.0
80°	5.3	1.8	1.5	3.9	5.3
80.5°	4.7	1.7	1.4	3.3	4.7
81°	4.1	1.6	1.4	2.7	4.1
81.5°	3.4	1.5	1.3	2.2	3.4
82°	2.8	1.4	1.2	1.7	2.8
82.5°	2.2	1.3	1.1	1.1	2.2
83°	1.6	1.2	1.0	0.6	1.6
83.5°	1.0	1.2	1.0	0.4	1.0
84°	0.6	1.1	0.9	0.3	0.6
84.5°	0.5	1.0	0.7	0.3	0.5
85°	0.4	0.9	0.6	0.2	0.4
85.5°	0.3	0.8	0.5	0.2	0.3
86°	0.2	0.7	0.4	0.1	0.2
86.5°	0.2	0.6	0.3	0.1	0.2
87°	0.1	0.4	0.3	0.1	0.1
87.5°	0.1	0.3	0.2	0.0	0.1
88°	0.1	0.3	0.1	0.0	0.1
88.5°	0.0	0.2	0.0	0.0	0.0
89°	0.0	0.1	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
90°	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0
94.5°	0.2	0.0	0.7	0.0	0.2
95°	0.3	0.0	3.3	0.0	0.3
95.5°	0.3	0.0	3.5	0.0	0.3
96°	0.3	0.0	3.5	0.0	0.3
96.5°	0.3	0.4	3.4	0.1	0.3
97°	0.3	1.1	3.4	0.3	0.3
97.5°	0.3	2.0	3.4	0.4	0.3
98°	0.3	2.3	3.3	0.4	0.3
98.5°	0.3	2.4	3.3	0.4	0.3
99°	0.3	2.5	3.3	0.4	0.3
99.5°	0.3	2.6	3.3	0.4	0.3
100°	0.3	2.7	3.3	0.4	0.3
100.5°	0.3	2.7	3.3	0.4	0.3
101°	0.3	2.8	3.2	0.4	0.3
101.5°	0.3	2.8	3.2	0.4	0.3
102°	0.3	2.8	3.1	0.4	0.3
102.5°	0.3	2.9	3.1	0.4	0.3
103°	0.3	2.9	3.1	0.4	0.3
103.5°	0.3	2.9	3.1	0.4	0.3
104°	0.3	3.0	3.0	0.4	0.3
104.5°	0.3	3.0	3.0	0.4	0.3
105°	0.3	3.0	3.0	0.4	0.3
105.5°	0.3	3.1	3.0	0.4	0.3
106°	0.3	3.1	3.1	0.4	0.3
106.5°	0.3	3.1	3.1	0.4	0.3
107°	0.3	3.1	3.2	0.4	0.3
107.5°	0.3	3.2	3.3	0.4	0.3
108°	0.3	3.2	3.3	0.4	0.3
108.5°	0.3	3.2	3.4	0.4	0.3
109°	0.3	3.3	3.4	0.4	0.3
109.5°	0.3	3.3	3.5	0.4	0.3
110°	0.3	3.4	3.6	0.4	0.3
110.5°	0.3	3.4	3.7	0.4	0.3
111°	0.3	3.4	3.7	0.4	0.3
111.5°	0.3	3.5	3.7	0.4	0.3
112°	0.2	3.5	3.8	0.4	0.2

TEST NUMBER: P1431929

CATALOG NUMBER: HSLBKMW-Cut-Off-3000K

CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
112.5°	0.1	3.5	3.8	0.4	0.1
113°	0.0	3.6	3.8	0.4	0.0
113.5°	0.0	3.6	3.9	0.4	0.0
114°	0.1	3.6	3.9	0.4	0.1
114.5°	0.1	3.6	4.0	0.4	0.1
115°	0.2	3.6	4.1	0.4	0.2
115.5°	0.2	3.6	4.3	0.4	0.2
116°	0.2	3.6	4.4	0.4	0.2
116.5°	0.2	3.6	4.6	0.4	0.2
117°	0.2	3.6	4.6	0.4	0.2
117.5°	0.2	3.6	4.6	0.4	0.2
118°	0.2	3.6	4.6	0.4	0.2
118.5°	0.2	3.5	4.6	0.4	0.2
119°	0.2	3.5	4.6	0.4	0.2
119.5°	0.2	3.5	4.6	0.4	0.2
120°	0.2	3.5	4.6	0.4	0.2
120.5°	0.2	3.5	4.6	0.4	0.2
121°	0.2	3.4	4.5	0.4	0.2
121.5°	0.2	3.4	4.4	0.4	0.2
122°	0.2	3.4	4.2	0.4	0.2
122.5°	0.2	3.4	4.1	0.4	0.2
123°	0.1	3.3	4.1	0.4	0.1
123.5°	0.1	3.3	4.2	0.4	0.1
124°	0.1	3.3	4.2	0.4	0.1
124.5°	0.1	3.3	4.2	0.4	0.1
125°	0.1	3.3	4.2	0.4	0.1
125.5°	0.0	3.2	4.2	0.4	0.0
126°	0.0	3.2	4.2	0.4	0.0
126.5°	0.0	3.2	4.2	0.4	0.0
127°	0.0	3.2	4.2	0.4	0.0
127.5°	0.1	3.2	4.2	0.4	0.1
128°	0.1	3.1	4.2	0.4	0.1
128.5°	0.1	3.1	4.2	0.4	0.1
129°	0.1	3.1	4.1	0.4	0.1
129.5°	0.1	3.1	4.1	0.4	0.1
130°	0.2	3.1	4.0	0.4	0.2
130.5°	0.2	3.1	4.0	0.4	0.2
131°	0.2	3.0	3.9	0.4	0.2
131.5°	0.2	3.0	3.8	0.4	0.2
132°	0.2	3.0	3.7	0.4	0.2
132.5°	0.2	3.0	3.7	0.4	0.2
133°	0.2	3.0	3.8	0.4	0.2
133.5°	0.2	2.9	3.8	0.4	0.2
134°	0.2	2.9	3.8	0.4	0.2
134.5°	0.2	2.9	3.8	0.4	0.2

TEST NUMBER: P1431929

CATALOG NUMBER: HSLBKMW-Cut-Off-3000K

CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
135°	0.2	2.9	3.7	0.4	0.2
135.5°	0.2	2.9	3.7	0.4	0.2
136°	0.2	2.8	3.7	0.4	0.2
136.5°	0.2	2.8	3.7	0.4	0.2
137°	0.2	2.8	3.7	0.4	0.2
137.5°	0.2	2.8	3.6	0.4	0.2
138°	0.2	2.8	3.6	0.4	0.2
138.5°	0.2	2.7	3.5	0.4	0.2
139°	0.2	2.7	3.5	0.4	0.2
139.5°	0.2	2.7	3.4	0.4	0.2
140°	0.2	2.7	3.3	0.4	0.2
140.5°	0.2	2.6	3.3	0.4	0.2
141°	0.2	2.6	3.2	0.3	0.2
141.5°	0.2	2.6	3.1	0.3	0.2
142°	0.2	2.5	3.0	0.3	0.2
142.5°	0.2	2.5	3.0	0.3	0.2
143°	0.2	2.5	2.8	0.3	0.2
143.5°	0.2	2.4	2.7	0.3	0.2
144°	0.2	2.4	2.6	0.3	0.2
144.5°	0.2	2.3	2.4	0.3	0.2
145°	0.2	2.2	2.3	0.3	0.2
145.5°	0.2	2.1	2.1	0.3	0.2
146°	0.2	2.0	2.0	0.3	0.2
146.5°	0.2	1.9	1.8	0.3	0.2
147°	0.2	1.7	1.6	0.3	0.2
147.5°	0.2	1.6	1.4	0.3	0.2
148°	0.2	1.5	1.3	0.3	0.2
148.5°	0.2	1.3	1.1	0.3	0.2
149°	0.2	1.2	1.0	0.3	0.2
149.5°	0.2	1.1	0.9	0.3	0.2
150°	0.1	1.0	0.8	0.3	0.1
150.5°	0.1	0.8	0.7	0.2	0.1
151°	0.1	0.8	0.6	0.2	0.1
151.5°	0.1	0.7	0.5	0.1	0.1
152°	0.1	0.7	0.4	0.1	0.1
152.5°	0.1	0.7	0.3	0.1	0.1
153°	0.1	0.7	0.4	0.1	0.1
153.5°	0.1	0.7	0.4	0.1	0.1
154°	0.1	0.7	0.4	0.1	0.1
154.5°	0.1	0.7	0.5	0.1	0.1
155°	0.1	0.7	0.5	0.1	0.1
155.5°	0.1	0.8	0.6	0.1	0.1
156°	0.1	0.8	0.7	0.1	0.1
156.5°	0.2	0.9	0.8	0.1	0.2
157°	0.2	0.9	0.8	0.1	0.2

TEST NUMBER: P1431929

CATALOG NUMBER: HSLBKMW-Cut-Off-3000K

CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
157.5°	0.2	1.0	0.9	0.2	0.2
158°	0.2	1.0	0.9	0.2	0.2
158.5°	0.2	1.1	1.0	0.3	0.2
159°	0.2	1.1	1.0	0.3	0.2
159.5°	0.2	1.1	1.0	0.3	0.2
160°	0.2	1.1	1.1	0.3	0.2
160.5°	0.2	1.1	1.1	0.3	0.2
161°	0.2	1.2	1.1	0.3	0.2
161.5°	0.2	1.2	1.1	0.3	0.2
162°	0.2	1.2	1.1	0.3	0.2
162.5°	0.2	1.1	1.1	0.2	0.2
163°	0.2	1.1	1.1	0.2	0.2
163.5°	0.2	1.1	1.1	0.2	0.2
164°	0.2	1.0	1.0	0.2	0.2
164.5°	0.2	1.0	1.0	0.2	0.2
165°	0.2	1.0	1.0	0.1	0.2
165.5°	0.2	0.9	1.0	0.1	0.2
166°	0.2	0.9	1.0	0.1	0.2
166.5°	0.2	0.9	0.9	0.1	0.2
167°	0.2	0.9	0.9	0.1	0.2
167.5°	0.2	0.9	0.9	0.1	0.2
168°	0.2	0.9	0.9	0.1	0.2
168.5°	0.2	0.8	0.8	0.1	0.2
169°	0.3	0.8	0.8	0.1	0.3
169.5°	0.3	0.8	0.8	0.1	0.3
170°	0.3	0.8	0.8	0.1	0.3
170.5°	0.3	0.7	0.7	0.1	0.3
171°	0.3	0.7	0.7	0.1	0.3
171.5°	0.2	0.7	0.7	0.1	0.2
172°	0.2	0.6	0.6	0.1	0.2
172.5°	0.2	0.6	0.6	0.1	0.2
173°	0.2	0.6	0.6	0.1	0.2
173.5°	0.2	0.6	0.6	0.2	0.2
174°	0.2	0.6	0.6	0.2	0.2
174.5°	0.2	0.6	0.6	0.2	0.2
175°	0.2	0.5	0.5	0.2	0.2
175.5°	0.1	0.4	0.4	0.2	0.1
176°	0.1	0.4	0.4	0.1	0.1
176.5°	0.1	0.3	0.3	0.1	0.1
177°	0.0	0.3	0.3	0.0	0.0
177.5°	0.0	0.2	0.2	0.0	0.0
178°	0.0	0.1	0.1	0.0	0.0
178.5°	0.0	0.0	0.0	0.0	0.0
179°	0.0	0.0	0.0	0.0	0.0
179.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1431929
CATALOG NUMBER: HSLBKMW-Cut-Off-3000K

CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
180°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)