

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: P1431940

Luminaire Tested: **HSLUNVMW-Hood-3000K**

Issue Date: 3/16/2026



Test Information

Test Method: LM-79-08
Report Number: P1431940
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ($\Delta \text{Ö} \hat{\text{r}} \hat{\text{c}} \text{Ä} \pm \text{°} \times \text{É} \ll$)
Test Lab: INNOVATION CENTER
Issue Date: 3/16/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: HSLUNVMW-Hood-3000K
Description: Hood

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

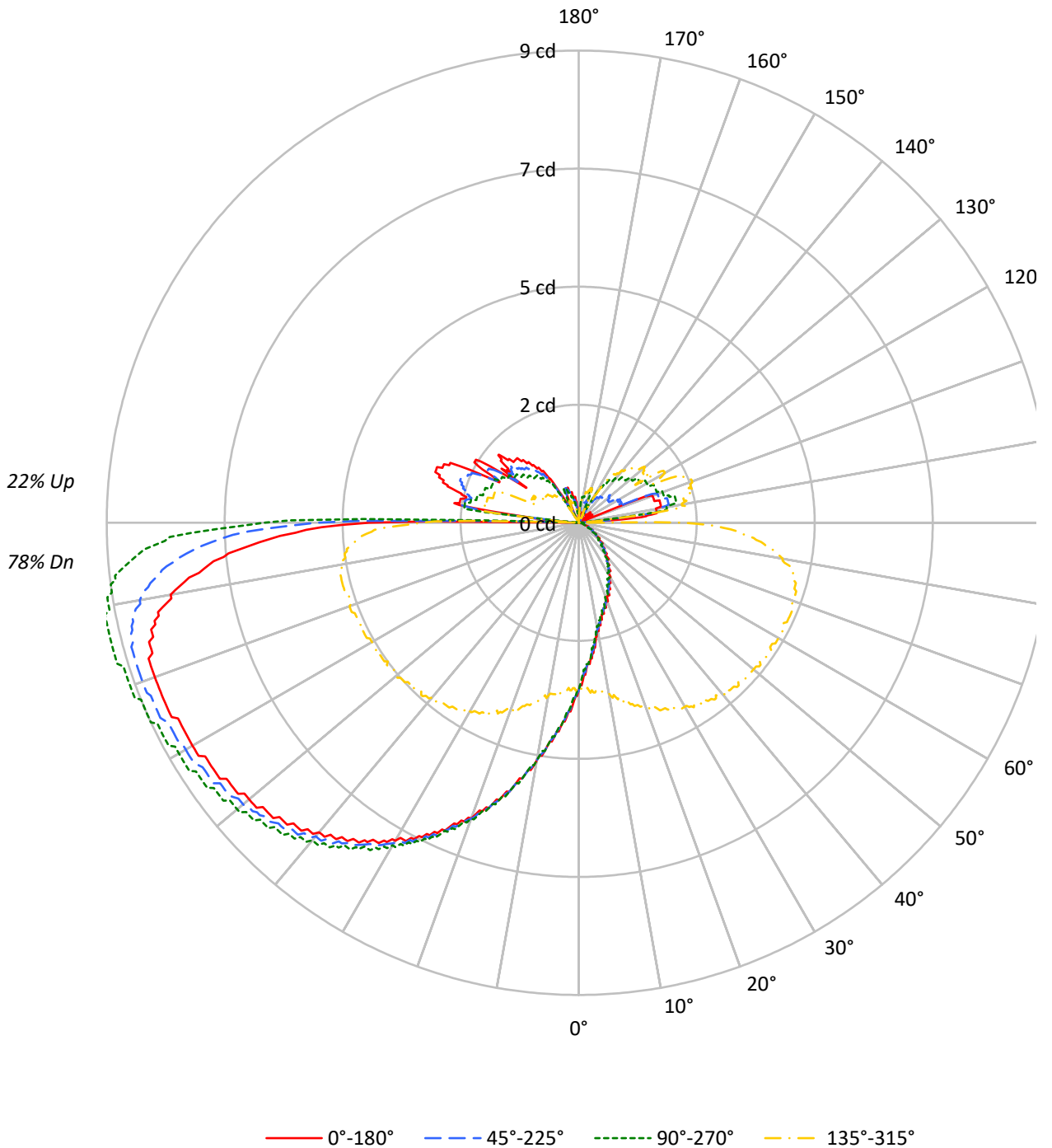
Summary

Lumens per Lamp: 34.925 (1 lamp)
Luminaire Lumens: 33.8 lumens
Efficiency: 96.8%
Efficacy: 8.9 lumens/watt
Spacing Criteria (0/90/45): 1.95 / 1.97 / 2.08
Luminous Opening: Rectangular (W 0.27' x L: 0.43' x H: 0')
CIE Type: Semi-Direct

Input Watts (W): 3.8
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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Luminous Intensity Polar Plot





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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
RCR																	
0°	110	110	110	110	105	105	105	105	96	96	96	87	87	87	79	79	79
1°	95	88	81	76	90	83	78	73	75	71	66	68	64	61	61	58	55
2°	84	73	64	57	79	69	61	55	62	56	50	56	50	46	50	45	42
3°	75	62	52	45	70	59	50	43	53	45	39	47	41	36	42	37	33
4°	68	54	44	36	64	51	42	35	46	38	32	41	34	29	36	31	26
5°	62	47	37	30	58	45	36	29	40	32	26	36	29	24	32	27	22
6°	56	42	32	25	53	40	31	24	36	28	22	32	26	21	29	23	19
7°	52	38	28	22	49	36	27	21	32	25	19	29	23	18	26	20	16
8°	48	34	25	19	45	32	24	18	29	22	17	26	20	15	24	18	14
9°	45	31	22	17	42	29	21	16	27	20	15	24	18	14	22	16	12
10°	42	28	20	15	40	27	19	14	25	18	13	22	16	12	20	15	11

110°

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	297	297	297	297
5°	242	242	363	363
10°	198	188	433	433
15°	173	163	508	518
20°	158	148	592	592
25°	143	133	665	675
30°	128	118	749	760
35°	113	113	837	860
40°	97	97	932	956
45°	92	79	1048	1075
50°	72	72	1182	1225
55°	65	65	1357	1406
60°	56	56	1575	1631
65°	44	44	1886	1974
70°	54	27	2330	2466
75°	36	36	3008	3294
80°	0	0	4216	4856
85°	0	0	7124	9144



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ZONAL LUMENS:					CANDELA DISTRIBUTION:					
20	Zone	Lumens	% Fixture	% Lamp		0°	90°	180°	270°	360°
0	0°-10°	0.3	0.9	0.9	0°	3	3	3	3	3
0	10°-20°	1.0	3.0	2.9	5°	3	3	4	4	3
	20°-30°	1.8	5.4	5.3	15°	2	2	5	5	2
76	30°-40°	2.7	7.9	7.6	25°	1	1	6	7	1
51	40°-50°	3.4	10.1	9.7	35°	1	1	7	8	1
38	50°-60°	4.0	11.8	11.5	45°	1	1	8	8	1
29	60°-70°	4.5	13.2	12.8	55°	0	0	8	9	0
23	70°-80°	4.7	13.9	13.4	65°	0	0	9	9	0
19	80°-90°	4.0	11.9	11.6	75°	0	0	8	9	0
16	90°-100°	1.1	3.2	3.1	85°	0	0	7	9	0
14	100°-110°	2.1	6.1	5.9	90°	0	0	4	6	0
12	110°-120°	1.6	4.6	4.5	95°	1	0	1	0	1
10	120°-130°	1.1	3.3	3.1	105°	2	2	2	2	2
9	130°-140°	0.8	2.5	2.4	115°	0	2	3	2	0
	140°-150°	0.5	1.4	1.3	125°	0	1	2	2	0
	150°-160°	0.1	0.4	0.4	135°	0	1	2	1	0
	160°-170°	0.1	0.4	0.4	145°	0	1	1	1	0
	170°-180°	0.0	0.1	0.1	155°	0	0	0	1	0
	0°-30°	3.2	9.3	9.0	165°	0	1	1	0	0
	0°-40°	5.8	17.2	16.7	175°	0	0	0	0	0
	0°-60°	13.2	39.1	37.8	180°	0	0	0	0	0
	0°-90°	26.4	78.1	75.6						
	90°-120°	4.7	13.9	13.5						
	90°-150°	7.1	21.0	20.3						
	90°-180°	7.0	20.7	20.0						
	0°-180°	33.8	100.0	96.8						



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CANDELA DISTRIBUTION (FULL):

Flux		0°	90°	180°	270°	360°
	0°	3.2	3.2	3.2	3.2	3.2
0	0.5°	3.1	3.1	3.3	3.2	3.1
1	1°	3.1	3.0	3.3	3.3	3.1
1	1.5°	3.0	2.9	3.4	3.3	3.0
1	2°	2.9	2.8	3.5	3.4	2.9
1	2.5°	2.9	2.8	3.6	3.5	2.9
0	3°	2.8	2.7	3.6	3.6	2.8
0	3.5°	2.7	2.7	3.7	3.6	2.7
0	4°	2.7	2.7	3.8	3.7	2.7
0	4.5°	2.7	2.6	3.8	3.8	2.7
0	5°	2.6	2.6	3.9	3.9	2.6
1	5.5°	2.6	2.5	4.0	3.9	2.6
2	6°	2.5	2.4	4.0	4.0	2.5
0	6.5°	2.5	2.4	4.1	4.1	2.5
0	7°	2.4	2.3	4.2	4.1	2.4
0	7.5°	2.4	2.3	4.2	4.2	2.4
0	8°	2.3	2.2	4.3	4.3	2.3
0	8.5°	2.2	2.2	4.4	4.4	2.2
0	9°	2.2	2.1	4.5	4.4	2.2
0	9.5°	2.1	2.1	4.5	4.5	2.1
	10°	2.1	2.0	4.6	4.6	2.1
	10.5°	2.1	2.0	4.7	4.7	2.1
	11°	2.0	2.0	4.8	4.7	2.0
	11.5°	2.0	1.9	4.8	4.8	2.0
	12°	2.0	1.9	4.9	4.9	2.0
	12.5°	1.9	1.9	5.0	5.0	1.9
	13°	1.9	1.8	5.0	5.1	1.9
	13.5°	1.9	1.8	5.1	5.1	1.9
	14°	1.8	1.8	5.2	5.2	1.8
	14.5°	1.8	1.8	5.3	5.3	1.8
	15°	1.8	1.7	5.3	5.4	1.8
	15.5°	1.8	1.7	5.4	5.4	1.8
	16°	1.7	1.7	5.5	5.5	1.7
	16.5°	1.7	1.7	5.5	5.6	1.7
	17°	1.7	1.7	5.6	5.6	1.7
	17.5°	1.7	1.6	5.7	5.7	1.7
	18°	1.7	1.6	5.7	5.8	1.7
	18.5°	1.6	1.6	5.8	5.8	1.6
	19°	1.6	1.6	5.8	5.9	1.6
	19.5°	1.6	1.5	5.9	6.0	1.6
	20°	1.6	1.5	6.0	6.0	1.6
	20.5°	1.6	1.5	6.0	6.1	1.6
	21°	1.5	1.5	6.1	6.1	1.5
	21.5°	1.5	1.5	6.1	6.2	1.5
	22°	1.5	1.5	6.2	6.3	1.5



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CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
22.5°	1.5	1.4	6.2	6.3	1.5
23°	1.5	1.4	6.3	6.4	1.5
23.5°	1.4	1.4	6.4	6.4	1.4
24°	1.4	1.4	6.4	6.5	1.4
24.5°	1.4	1.3	6.5	6.6	1.4
25°	1.4	1.3	6.5	6.6	1.4
25.5°	1.4	1.3	6.6	6.7	1.4
26°	1.3	1.3	6.6	6.7	1.3
26.5°	1.3	1.3	6.7	6.8	1.3
27°	1.3	1.2	6.7	6.8	1.3
27.5°	1.3	1.2	6.8	6.9	1.3
28°	1.3	1.2	6.8	6.9	1.3
28.5°	1.2	1.2	6.9	7.0	1.2
29°	1.2	1.2	6.9	7.0	1.2
29.5°	1.2	1.2	6.9	7.1	1.2
30°	1.2	1.1	7.0	7.1	1.2
30.5°	1.2	1.1	7.0	7.2	1.2
31°	1.1	1.1	7.1	7.2	1.1
31.5°	1.1	1.1	7.1	7.3	1.1
32°	1.1	1.1	7.2	7.3	1.1
32.5°	1.1	1.0	7.2	7.4	1.1
33°	1.1	1.0	7.2	7.4	1.1
33.5°	1.1	1.0	7.3	7.4	1.1
34°	1.0	1.0	7.3	7.5	1.0
34.5°	1.0	1.0	7.4	7.5	1.0
35°	1.0	1.0	7.4	7.6	1.0
35.5°	1.0	0.9	7.4	7.6	1.0
36°	1.0	0.9	7.5	7.6	1.0
36.5°	0.9	0.9	7.5	7.7	0.9
37°	0.9	0.9	7.5	7.7	0.9
37.5°	0.9	0.9	7.6	7.8	0.9
38°	0.9	0.9	7.6	7.8	0.9
38.5°	0.9	0.8	7.6	7.8	0.9
39°	0.9	0.8	7.7	7.9	0.9
39.5°	0.9	0.8	7.7	7.9	0.9
40°	0.8	0.8	7.7	7.9	0.8
40.5°	0.8	0.8	7.8	8.0	0.8
41°	0.8	0.8	7.8	8.0	0.8
41.5°	0.8	0.7	7.8	8.0	0.8
42°	0.8	0.7	7.9	8.1	0.8
42.5°	0.8	0.7	7.9	8.1	0.8
43°	0.7	0.7	7.9	8.1	0.7
43.5°	0.7	0.7	7.9	8.2	0.7
44°	0.7	0.7	8.0	8.2	0.7
44.5°	0.7	0.7	8.0	8.2	0.7



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CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
45°	0.7	0.6	8.0	8.2	0.7
45.5°	0.7	0.6	8.0	8.3	0.7
46°	0.6	0.6	8.1	8.3	0.6
46.5°	0.6	0.6	8.1	8.3	0.6
47°	0.6	0.6	8.1	8.3	0.6
47.5°	0.6	0.6	8.1	8.4	0.6
48°	0.6	0.6	8.1	8.4	0.6
48.5°	0.6	0.5	8.2	8.4	0.6
49°	0.6	0.5	8.2	8.4	0.6
49.5°	0.6	0.5	8.2	8.5	0.6
50°	0.5	0.5	8.2	8.5	0.5
50.5°	0.5	0.5	8.2	8.5	0.5
51°	0.5	0.5	8.2	8.5	0.5
51.5°	0.5	0.5	8.3	8.5	0.5
52°	0.5	0.5	8.3	8.6	0.5
52.5°	0.5	0.4	8.3	8.6	0.5
53°	0.5	0.4	8.3	8.6	0.5
53.5°	0.5	0.4	8.3	8.6	0.5
54°	0.4	0.4	8.3	8.6	0.4
54.5°	0.4	0.4	8.4	8.7	0.4
55°	0.4	0.4	8.4	8.7	0.4
55.5°	0.4	0.4	8.4	8.7	0.4
56°	0.4	0.4	8.4	8.7	0.4
56.5°	0.4	0.4	8.4	8.7	0.4
57°	0.4	0.3	8.4	8.7	0.4
57.5°	0.4	0.3	8.4	8.8	0.4
58°	0.3	0.3	8.4	8.8	0.3
58.5°	0.3	0.3	8.5	8.8	0.3
59°	0.3	0.3	8.5	8.8	0.3
59.5°	0.3	0.3	8.5	8.8	0.3
60°	0.3	0.3	8.5	8.8	0.3
60.5°	0.3	0.3	8.5	8.8	0.3
61°	0.3	0.3	8.5	8.8	0.3
61.5°	0.3	0.3	8.5	8.9	0.3
62°	0.3	0.3	8.5	8.9	0.3
62.5°	0.3	0.2	8.5	8.9	0.3
63°	0.3	0.2	8.5	8.9	0.3
63.5°	0.3	0.2	8.5	8.9	0.3
64°	0.2	0.2	8.5	8.9	0.2
64.5°	0.2	0.2	8.6	8.9	0.2
65°	0.2	0.2	8.6	9.0	0.2
65.5°	0.2	0.2	8.6	9.0	0.2
66°	0.2	0.2	8.6	9.0	0.2
66.5°	0.2	0.2	8.6	9.0	0.2
67°	0.2	0.2	8.6	9.0	0.2

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CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
67.5°	0.2	0.2	8.6	9.0	0.2
68°	0.2	0.2	8.6	9.0	0.2
68.5°	0.2	0.2	8.6	9.1	0.2
69°	0.2	0.1	8.6	9.1	0.2
69.5°	0.2	0.1	8.6	9.1	0.2
70°	0.2	0.1	8.6	9.1	0.2
70.5°	0.1	0.1	8.6	9.1	0.1
71°	0.1	0.1	8.6	9.1	0.1
71.5°	0.1	0.1	8.6	9.1	0.1
72°	0.1	0.1	8.6	9.1	0.1
72.5°	0.1	0.1	8.6	9.1	0.1
73°	0.1	0.1	8.5	9.2	0.1
73.5°	0.1	0.1	8.5	9.2	0.1
74°	0.1	0.1	8.5	9.2	0.1
74.5°	0.1	0.1	8.5	9.2	0.1
75°	0.1	0.1	8.4	9.2	0.1
75.5°	0.1	0.1	8.4	9.2	0.1
76°	0.1	0.1	8.4	9.2	0.1
76.5°	0.1	0.1	8.3	9.2	0.1
77°	0.1	0.1	8.3	9.2	0.1
77.5°	0.1	0.1	8.2	9.2	0.1
78°	0.1	0.1	8.2	9.2	0.1
78.5°	0.1	0.1	8.1	9.2	0.1
79°	0.1	0.0	8.0	9.2	0.1
79.5°	0.0	0.0	7.9	9.1	0.0
80°	0.0	0.0	7.9	9.1	0.0
80.5°	0.0	0.0	7.8	9.1	0.0
81°	0.0	0.0	7.7	9.1	0.0
81.5°	0.0	0.0	7.6	9.0	0.0
82°	0.0	0.0	7.5	9.0	0.0
82.5°	0.0	0.0	7.3	9.0	0.0
83°	0.0	0.0	7.2	8.9	0.0
83.5°	0.0	0.0	7.1	8.9	0.0
84°	0.0	0.0	7.0	8.8	0.0
84.5°	0.0	0.0	6.8	8.7	0.0
85°	0.0	0.0	6.7	8.6	0.0
85.5°	0.0	0.0	6.5	8.5	0.0
86°	0.0	0.0	6.3	8.4	0.0
86.5°	0.0	0.0	6.1	8.3	0.0
87°	0.0	0.1	5.9	8.1	0.0
87.5°	0.0	0.1	5.7	7.9	0.0
88°	0.0	0.1	5.4	7.8	0.0
88.5°	0.0	0.1	5.2	7.4	0.0
89°	0.0	0.1	4.9	6.9	0.0
89.5°	0.0	0.0	4.5	6.4	0.0



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CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
90°	0.0	0.0	4.0	6.0	0.0
90.5°	0.0	0.0	2.9	5.5	0.0
91°	0.0	0.0	0.1	4.1	0.0
91.5°	0.0	0.0	0.0	1.8	0.0
92°	0.0	0.0	0.0	0.3	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°	0.8	0.0	0.2	0.0	0.8
95°	1.2	0.0	0.6	0.0	1.2
95.5°	1.3	0.0	0.8	0.0	1.3
96°	1.3	0.0	0.9	0.4	1.3
96.5°	1.4	0.2	1.0	1.8	1.4
97°	1.5	0.8	1.3	2.2	1.5
97.5°	1.5	1.3	1.7	2.2	1.5
98°	1.5	1.6	2.0	2.2	1.5
98.5°	1.5	1.7	2.3	2.2	1.5
99°	1.5	1.7	2.4	2.2	1.5
99.5°	1.5	1.7	2.3	2.2	1.5
100°	1.5	1.7	2.3	2.2	1.5
100.5°	1.5	1.7	2.3	2.1	1.5
101°	1.6	1.8	2.3	2.1	1.6
101.5°	1.6	1.9	2.3	2.1	1.6
102°	1.6	1.9	2.2	2.1	1.6
102.5°	1.6	1.9	2.2	2.0	1.6
103°	1.6	1.9	2.2	2.0	1.6
103.5°	1.6	1.9	2.3	2.0	1.6
104°	1.6	1.9	2.3	2.0	1.6
104.5°	1.6	1.9	2.4	2.0	1.6
105°	1.6	1.9	2.5	2.0	1.6
105.5°	1.6	1.9	2.6	2.0	1.6
106°	1.5	1.8	2.6	1.9	1.5
106.5°	1.5	1.8	2.7	1.9	1.5
107°	1.5	1.8	2.7	1.9	1.5
107.5°	1.5	1.7	2.7	1.9	1.5
108°	1.5	1.7	2.8	1.9	1.5
108.5°	1.5	1.7	2.8	1.9	1.5
109°	1.5	1.7	2.8	1.9	1.5
109.5°	1.5	1.7	2.9	1.9	1.5
110°	1.5	1.7	2.9	1.9	1.5
110.5°	1.5	1.7	2.9	1.9	1.5
111°	1.4	1.7	2.9	1.8	1.4
111.5°	1.4	1.6	2.9	1.8	1.4
112°	1.0	1.6	2.8	1.8	1.0

TEST NUMBER: P1431940

CATALOG NUMBER: HSLUNVMW-Hood-3000K

CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
112.5°	0.1	1.6	2.8	1.8	0.1
113°	0.0	1.6	2.8	1.8	0.0
113.5°	0.0	1.6	2.8	1.8	0.0
114°	0.1	1.6	2.7	1.8	0.1
114.5°	0.2	1.6	2.7	1.8	0.2
115°	0.2	1.6	2.7	1.8	0.2
115.5°	0.2	1.6	2.5	1.8	0.2
116°	0.2	1.6	2.3	1.8	0.2
116.5°	0.2	1.6	2.0	1.8	0.2
117°	0.2	1.6	1.7	1.8	0.2
117.5°	0.2	1.5	1.7	1.8	0.2
118°	0.2	1.5	1.8	1.7	0.2
118.5°	0.3	1.5	1.9	1.7	0.3
119°	0.3	1.5	2.1	1.7	0.3
119.5°	0.3	1.5	2.2	1.7	0.3
120°	0.2	1.5	2.3	1.7	0.2
120.5°	0.2	1.5	2.3	1.7	0.2
121°	0.3	1.5	2.3	1.7	0.3
121.5°	0.2	1.5	2.3	1.6	0.2
122°	0.2	1.5	2.2	1.6	0.2
122.5°	0.2	1.5	2.0	1.6	0.2
123°	0.2	1.4	1.7	1.6	0.2
123.5°	0.1	1.4	1.2	1.6	0.1
124°	0.0	1.4	1.2	1.6	0.0
124.5°	0.0	1.4	1.6	1.6	0.0
125°	0.0	1.4	1.8	1.5	0.0
125.5°	0.0	1.4	1.7	1.5	0.0
126°	0.0	1.4	1.7	1.5	0.0
126.5°	0.0	1.4	1.6	1.5	0.0
127°	0.0	1.4	1.7	1.5	0.0
127.5°	0.0	1.4	1.7	1.5	0.0
128°	0.1	1.3	1.8	1.5	0.1
128.5°	0.2	1.3	1.9	1.4	0.2
129°	0.2	1.3	1.9	1.4	0.2
129.5°	0.2	1.3	1.9	1.4	0.2
130°	0.2	1.3	2.0	1.4	0.2
130.5°	0.2	1.3	2.0	1.4	0.2
131°	0.2	1.3	1.9	1.4	0.2
131.5°	0.3	1.3	1.8	1.3	0.3
132°	0.3	1.2	1.8	1.3	0.3
132.5°	0.3	1.2	1.8	1.3	0.3
133°	0.2	1.2	1.7	1.3	0.2
133.5°	0.2	1.2	1.7	1.3	0.2
134°	0.2	1.2	1.7	1.3	0.2
134.5°	0.2	1.2	1.7	1.2	0.2



TEST NUMBER: P1431940
 CATALOG NUMBER: HSLUNVMW-Hood-3000K

CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
135°	0.2	1.2	1.7	1.2	0.2
135.5°	0.2	1.2	1.7	1.2	0.2
136°	0.2	1.2	1.7	1.2	0.2
136.5°	0.2	1.2	1.7	1.2	0.2
137°	0.2	1.1	1.6	1.2	0.2
137.5°	0.2	1.1	1.6	1.2	0.2
138°	0.2	1.1	1.6	1.2	0.2
138.5°	0.2	1.1	1.6	1.2	0.2
139°	0.2	1.1	1.5	1.2	0.2
139.5°	0.2	1.1	1.5	1.1	0.2
140°	0.2	1.1	1.5	1.1	0.2
140.5°	0.2	1.1	1.5	1.1	0.2
141°	0.2	1.0	1.4	1.1	0.2
141.5°	0.2	1.0	1.4	1.1	0.2
142°	0.2	1.0	1.4	1.0	0.2
142.5°	0.2	1.0	1.3	1.0	0.2
143°	0.2	1.0	1.3	1.0	0.2
143.5°	0.2	1.0	1.3	1.0	0.2
144°	0.2	1.0	1.3	1.0	0.2
144.5°	0.2	1.0	1.2	0.9	0.2
145°	0.2	0.9	1.2	0.9	0.2
145.5°	0.2	0.9	1.2	0.9	0.2
146°	0.2	0.9	1.1	0.9	0.2
146.5°	0.1	0.9	1.0	0.7	0.1
147°	0.1	0.8	1.0	0.6	0.1
147.5°	0.1	0.8	0.9	0.4	0.1
148°	0.1	0.8	0.7	0.3	0.1
148.5°	0.1	0.7	0.6	0.2	0.1
149°	0.0	0.7	0.5	0.1	0.0
149.5°	0.0	0.6	0.3	0.1	0.0
150°	0.0	0.5	0.1	0.0	0.0
150.5°	0.0	0.4	0.1	0.0	0.0
151°	0.0	0.2	0.1	0.1	0.0
151.5°	0.0	0.1	0.1	0.1	0.0
152°	0.1	0.1	0.1	0.1	0.1
152.5°	0.1	0.2	0.1	0.1	0.1
153°	0.1	0.2	0.1	0.2	0.1
153.5°	0.1	0.2	0.1	0.3	0.1
154°	0.1	0.2	0.1	0.4	0.1
154.5°	0.1	0.2	0.2	0.5	0.1
155°	0.1	0.2	0.2	0.6	0.1
155.5°	0.2	0.2	0.2	0.6	0.2
156°	0.2	0.3	0.3	0.7	0.2
156.5°	0.2	0.3	0.4	0.7	0.2
157°	0.2	0.4	0.5	0.7	0.2



TEST NUMBER: P1431940

CATALOG NUMBER: HSLUNVMW-Hood-3000K

CANDELA DISTRIBUTION (continued):

	0°	90°	180°	270°	360°
157.5°	0.2	0.5	0.6	0.7	0.2
158°	0.2	0.6	0.7	0.7	0.2
158.5°	0.2	0.7	0.7	0.7	0.2
159°	0.2	0.7	0.7	0.7	0.2
159.5°	0.2	0.7	0.7	0.7	0.2
160°	0.2	0.7	0.7	0.7	0.2
160.5°	0.2	0.7	0.7	0.7	0.2
161°	0.2	0.7	0.7	0.6	0.2
161.5°	0.2	0.6	0.7	0.6	0.2
162°	0.2	0.6	0.7	0.6	0.2
162.5°	0.2	0.6	0.7	0.6	0.2
163°	0.2	0.6	0.7	0.6	0.2
163.5°	0.2	0.6	0.6	0.6	0.2
164°	0.2	0.6	0.6	0.6	0.2
164.5°	0.2	0.6	0.6	0.5	0.2
165°	0.2	0.6	0.6	0.5	0.2
165.5°	0.2	0.6	0.6	0.5	0.2
166°	0.2	0.6	0.6	0.5	0.2
166.5°	0.2	0.6	0.6	0.5	0.2
167°	0.2	0.6	0.6	0.5	0.2
167.5°	0.2	0.5	0.6	0.4	0.2
168°	0.2	0.5	0.5	0.4	0.2
168.5°	0.2	0.5	0.5	0.4	0.2
169°	0.2	0.5	0.5	0.4	0.2
169.5°	0.2	0.5	0.5	0.4	0.2
170°	0.2	0.5	0.5	0.4	0.2
170.5°	0.2	0.5	0.5	0.3	0.2
171°	0.2	0.5	0.5	0.3	0.2
171.5°	0.2	0.5	0.5	0.3	0.2
172°	0.2	0.5	0.5	0.3	0.2
172.5°	0.2	0.5	0.5	0.2	0.2
173°	0.1	0.4	0.4	0.1	0.1
173.5°	0.1	0.4	0.4	0.1	0.1
174°	0.1	0.4	0.4	0.1	0.1
174.5°	0.1	0.3	0.3	0.1	0.1
175°	0.1	0.3	0.3	0.1	0.1
175.5°	0.1	0.3	0.3	0.1	0.1
176°	0.1	0.3	0.3	0.0	0.1
176.5°	0.1	0.2	0.2	0.0	0.1
177°	0.1	0.2	0.2	0.0	0.1
177.5°	0.0	0.0	0.0	0.0	0.0
178°	0.0	0.0	0.0	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: P1431940
CATALOG NUMBER: HSLUNVMW-Hood-3000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)