

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: P1431931

Luminaire Tested: **HSLBKMW\_Louver-3000K**

Issue Date: 3/17/2026



**Test Information**

Test Method: LM-79-08  
Report Number: P1431931  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( ×@Ê½°ÛÒ¶'°°×É«)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/17/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: HALO  
Catalog Number: HSLBKMW\_Louver-3000K  
Description: Louver  
  
Light Source:  
Ballast/Driver: ELECTRONIC DRIVER

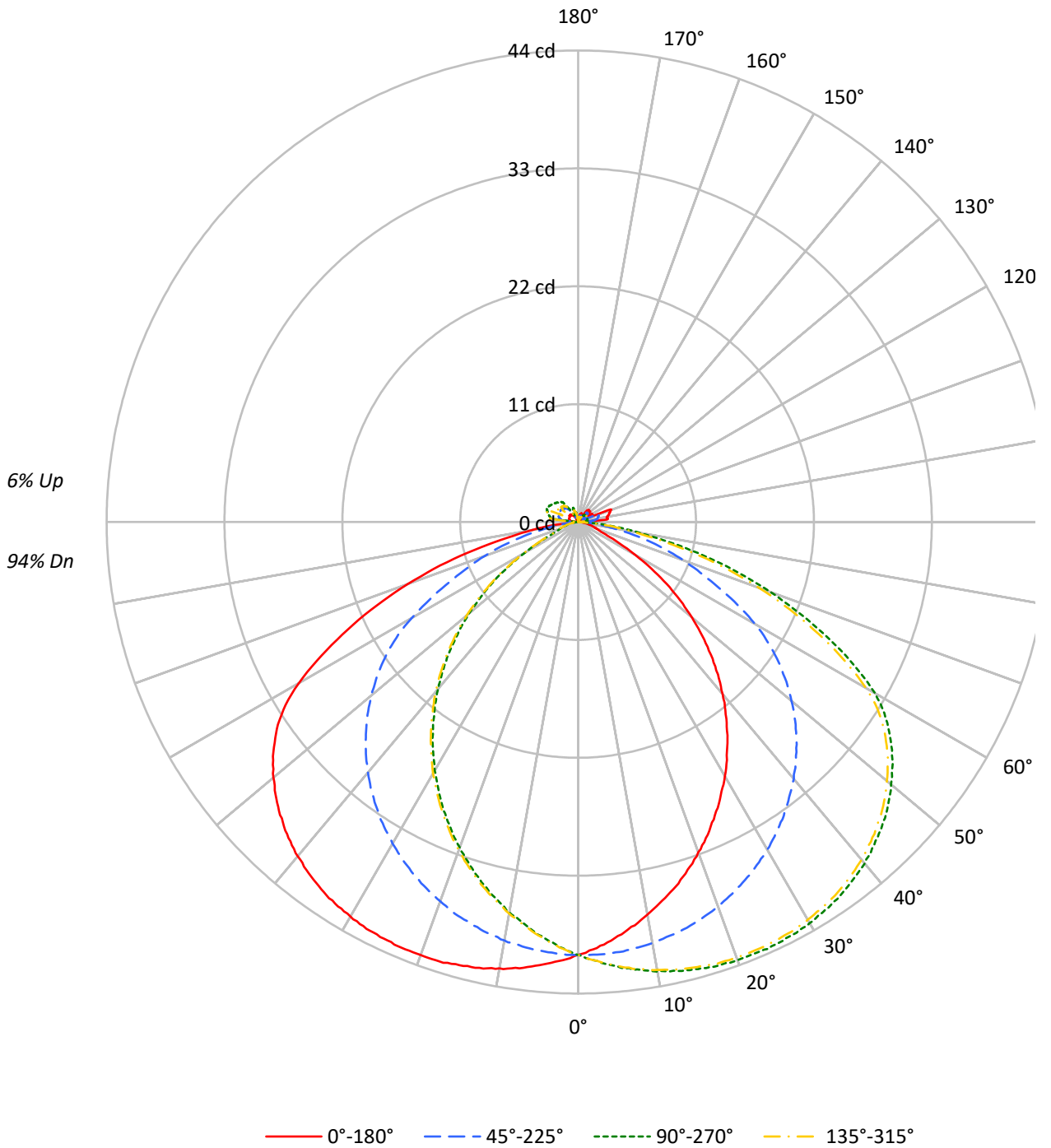
**Summary**

Lumens per Lamp: 149.33 (1 lamp)  
Luminaire Lumens: 123.8 lumens  
Efficiency: 82.9%  
Efficacy: 31.7 lumens/watt  
Spacing Criteria (0/90/45): 1.28 / 1.29 / 1.4  
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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### 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	97	97	97	97	94	94	94	94	89	89	89	84	84	84	80	80	80
	1	89	86	82	79	87	83	80	77	79	76	74	75	73	71	71	69	68
	2	81	75	69	65	79	73	68	64	69	65	61	65	62	59	62	59	57
	3	74	66	59	54	72	64	58	53	61	56	51	58	53	50	55	51	48
	4	68	58	51	46	66	57	50	45	54	48	44	51	47	43	49	45	41
	5	62	52	45	39	60	51	44	39	48	42	38	46	41	37	44	40	36
	6	57	47	39	34	56	46	39	34	44	37	33	42	36	32	40	35	32
	7	53	42	35	30	51	41	34	30	39	33	29	38	33	29	36	32	28
	8	50	38	31	27	48	38	31	26	36	30	26	35	29	25	33	29	25
	9	46	35	28	24	45	34	28	24	33	27	23	32	27	23	31	26	23
	10	43	32	26	22	42	32	26	21	31	25	21	29	24	21	28	24	20

110°

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

	0°	90°	180°	270°
0°	1817	1817	1817	1817
5°	1761	1879	1874	1752
10°	1699	1946	1932	1690
15°	1639	2012	1993	1621
20°	1570	2082	2058	1546
25°	1499	2159	2129	1474
30°	1423	2244	2208	1392
35°	1334	2339	2295	1296
40°	1233	2443	2390	1192
45°	1113	2551	2487	1075
50°	973	2666	2596	931
55°	792	2792	2698	745
60°	558	2879	2708	513
65°	319	2757	2523	287
70°	250	2512	2223	224
75°	226	2120	1738	191
80°	207	1528	1166	155
85°	155	1032	413	103

70°



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<b>ZONAL LUMENS:</b>				<b>CANDELA DISTRIBUTION:</b>						
20	Zone	Lumens	% Fixture	% Lamp		0°	90°	180°	270°	360°
0	0°-10°	3.8	3.1	2.6	0°	40	40	40	40	40
0	10°-20°	11.0	8.9	7.4	5°	39	42	42	39	39
	20°-30°	16.9	13.6	11.3	15°	35	43	43	35	35
78	30°-40°	20.7	16.7	13.9	25°	30	44	43	30	30
66	40°-50°	21.9	17.7	14.7	35°	24	43	42	24	24
55	50°-60°	19.9	16.1	13.4	45°	18	40	39	17	18
46	60°-70°	13.8	11.2	9.3	55°	10	36	34	10	10
40	70°-80°	6.6	5.3	4.4	65°	3	26	24	3	3
34	80°-90°	1.2	0.9	0.8	75°	1	12	10	1	1
30	90°-100°	0.8	0.7	0.6	85°	0	2	1	0	0
26	100°-110°	2.0	1.6	1.3	90°	0	0	0	0	0
23	110°-120°	1.6	1.3	1.1	95°	3	0	0	0	3
21	120°-130°	1.3	1.0	0.8	105°	3	1	1	3	3
19	130°-140°	1.1	0.9	0.8	115°	1	1	1	3	1
	140°-150°	0.6	0.5	0.4	125°	0	1	1	3	0
	150°-160°	0.2	0.2	0.2	135°	2	1	1	3	2
	160°-170°	0.2	0.2	0.1	145°	1	1	1	2	1
	170°-180°	0.0	0.0	0.0	155°	0	0	0	1	0
	0°-30°	31.7	25.6	21.2	165°	1	0	0	1	1
	0°-40°	52.4	42.3	35.1	175°	0	0	0	0	0
	0°-60°	94.2	76.1	63.1	180°	0	0	0	0	0
	0°-90°	115.8	93.5	77.5						
	90°-120°	4.5	3.6	3.0						
	90°-150°	7.5	6.1	5.0						
	90°-180°	8.0	6.5	5.4						
	0°-180°	123.8	100.0	82.9						



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**CANDELA DISTRIBUTION (FULL):**

Flux		0°	90°	180°	270°	360°
	0°	40.4	40.4	40.4	40.4	40.4
4	0.5°	40.3	40.5	40.5	40.3	40.3
10	1°	40.2	40.7	40.7	40.1	40.2
14	1.5°	40.0	40.8	40.8	40.0	40.0
15	2°	39.9	40.9	40.9	39.8	39.9
13	2.5°	39.8	41.0	41.0	39.7	39.8
9	3°	39.6	41.2	41.1	39.5	39.6
3	3.5°	39.5	41.3	41.2	39.3	39.5
1	4°	39.3	41.4	41.3	39.2	39.3
0	4.5°	39.2	41.5	41.4	39.0	39.2
0	5°	39.0	41.6	41.5	38.8	39.0
2	5.5°	38.8	41.8	41.6	38.7	38.8
3	6°	38.7	41.9	41.7	38.5	38.7
2	6.5°	38.5	41.9	41.8	38.3	38.5
1	7°	38.3	42.1	41.9	38.1	38.3
1	7.5°	38.1	42.1	42.0	37.9	38.1
1	8°	38.0	42.2	42.0	37.7	38.0
0	8.5°	37.8	42.3	42.1	37.5	37.8
0	9°	37.6	42.4	42.2	37.3	37.6
0	9.5°	37.4	42.5	42.3	37.2	37.4
	10°	37.2	42.6	42.3	37.0	37.2
	10.5°	37.0	42.6	42.4	36.8	37.0
	11°	36.8	42.7	42.4	36.5	36.8
	11.5°	36.6	42.8	42.5	36.3	36.6
	12°	36.4	42.8	42.6	36.1	36.4
	12.5°	36.2	42.9	42.6	35.9	36.2
	13°	36.0	43.0	42.7	35.7	36.0
	13.5°	35.8	43.0	42.7	35.5	35.8
	14°	35.6	43.1	42.7	35.2	35.6
	14.5°	35.4	43.1	42.8	35.0	35.4
	15°	35.2	43.2	42.8	34.8	35.2
	15.5°	35.0	43.2	42.8	34.5	35.0
	16°	34.7	43.3	42.9	34.3	34.7
	16.5°	34.5	43.3	42.9	34.1	34.5
	17°	34.3	43.4	43.0	33.8	34.3
	17.5°	34.0	43.4	43.0	33.6	34.0
	18°	33.8	43.4	43.0	33.3	33.8
	18.5°	33.6	43.4	43.0	33.1	33.6
	19°	33.3	43.5	43.0	32.8	33.3
	19.5°	33.1	43.5	43.0	32.6	33.1
	20°	32.8	43.5	43.0	32.3	32.8
	20.5°	32.6	43.5	43.0	32.1	32.6
	21°	32.3	43.5	43.0	31.8	32.3
	21.5°	32.1	43.5	43.0	31.6	32.1
	22°	31.8	43.5	43.0	31.3	31.8

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**CANDELA DISTRIBUTION (continued):**

	0°	90°	180°	270°	360°
22.5°	31.6	43.5	43.0	31.0	31.6
23°	31.3	43.5	43.0	30.7	31.3
23.5°	31.0	43.5	43.0	30.5	31.0
24°	30.7	43.6	42.9	30.2	30.7
24.5°	30.5	43.5	42.9	29.9	30.5
25°	30.2	43.5	42.9	29.7	30.2
25.5°	29.9	43.5	42.9	29.4	29.9
26°	29.7	43.5	42.8	29.1	29.7
26.5°	29.4	43.4	42.8	28.8	29.4
27°	29.1	43.4	42.8	28.5	29.1
27.5°	28.8	43.4	42.8	28.2	28.8
28°	28.5	43.4	42.7	27.9	28.5
28.5°	28.2	43.3	42.7	27.6	28.2
29°	28.0	43.3	42.6	27.3	28.0
29.5°	27.7	43.3	42.6	27.0	27.7
30°	27.4	43.2	42.5	26.8	27.4
30.5°	27.1	43.2	42.4	26.4	27.1
31°	26.8	43.1	42.4	26.1	26.8
31.5°	26.5	43.0	42.3	25.8	26.5
32°	26.2	43.0	42.3	25.5	26.2
32.5°	25.8	42.9	42.2	25.2	25.8
33°	25.5	42.9	42.1	24.9	25.5
33.5°	25.2	42.8	42.1	24.6	25.2
34°	24.9	42.7	42.0	24.3	24.9
34.5°	24.6	42.7	41.9	23.9	24.6
35°	24.3	42.6	41.8	23.6	24.3
35.5°	23.9	42.5	41.7	23.3	23.9
36°	23.6	42.4	41.6	23.0	23.6
36.5°	23.3	42.3	41.5	22.6	23.3
37°	23.0	42.2	41.4	22.3	23.0
37.5°	22.6	42.1	41.3	22.0	22.6
38°	22.3	42.0	41.2	21.7	22.3
38.5°	22.0	41.9	41.1	21.3	22.0
39°	21.7	41.8	40.9	21.0	21.7
39.5°	21.3	41.7	40.8	20.7	21.3
40°	21.0	41.6	40.7	20.3	21.0
40.5°	20.6	41.4	40.6	20.0	20.6
41°	20.3	41.3	40.4	19.6	20.3
41.5°	20.0	41.2	40.3	19.3	20.0
42°	19.6	41.0	40.1	19.0	19.6
42.5°	19.3	40.9	40.0	18.6	19.3
43°	18.9	40.7	39.8	18.3	18.9
43.5°	18.6	40.6	39.7	17.9	18.6
44°	18.2	40.4	39.5	17.6	18.2
44.5°	17.9	40.3	39.3	17.2	17.9

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**CANDELA DISTRIBUTION (continued):**

	0°	90°	180°	270°	360°
45°	17.5	40.1	39.1	16.9	17.5
45.5°	17.1	39.9	39.0	16.5	17.1
46°	16.8	39.8	38.8	16.1	16.8
46.5°	16.4	39.6	38.6	15.8	16.4
47°	16.1	39.4	38.4	15.4	16.1
47.5°	15.7	39.2	38.2	15.1	15.7
48°	15.3	39.0	38.0	14.7	15.3
48.5°	15.0	38.8	37.8	14.4	15.0
49°	14.6	38.6	37.5	14.0	14.6
49.5°	14.2	38.4	37.3	13.6	14.2
50°	13.9	38.1	37.1	13.3	13.9
50.5°	13.5	37.9	36.9	12.9	13.5
51°	13.1	37.7	36.6	12.5	13.1
51.5°	12.7	37.4	36.4	12.1	12.7
52°	12.4	37.2	36.1	11.8	12.4
52.5°	12.0	37.0	35.9	11.4	12.0
53°	11.6	36.7	35.6	11.0	11.6
53.5°	11.2	36.4	35.3	10.7	11.2
54°	10.8	36.2	35.0	10.3	10.8
54.5°	10.5	35.9	34.7	9.9	10.5
55°	10.1	35.6	34.4	9.5	10.1
55.5°	9.7	35.3	34.1	9.2	9.7
56°	9.3	35.0	33.8	8.8	9.3
56.5°	8.9	34.7	33.4	8.4	8.9
57°	8.5	34.4	33.0	8.0	8.5
57.5°	8.1	34.0	32.6	7.6	8.1
58°	7.7	33.7	32.2	7.3	7.7
58.5°	7.4	33.3	31.7	6.9	7.4
59°	7.0	32.9	31.2	6.5	7.0
59.5°	6.6	32.4	30.7	6.1	6.6
60°	6.2	32.0	30.1	5.7	6.2
60.5°	5.8	31.4	29.5	5.4	5.8
61°	5.5	30.9	28.9	5.1	5.5
61.5°	5.2	30.3	28.3	4.8	5.2
62°	4.8	29.7	27.6	4.4	4.8
62.5°	4.5	29.1	27.0	4.1	4.5
63°	4.2	28.5	26.3	3.8	4.2
63.5°	3.9	27.9	25.7	3.6	3.9
64°	3.6	27.2	25.0	3.3	3.6
64.5°	3.3	26.5	24.4	3.0	3.3
65°	3.0	25.9	23.7	2.7	3.0
65.5°	2.8	25.2	23.0	2.5	2.8
66°	2.6	24.5	22.4	2.4	2.6
66.5°	2.4	23.8	21.7	2.2	2.4
67°	2.3	23.2	21.0	2.1	2.3

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**CANDELA DISTRIBUTION (continued):**

	0°	90°	180°	270°	360°
67.5°	2.2	22.5	20.3	2.1	2.2
68°	2.2	21.8	19.6	2.0	2.2
68.5°	2.1	21.1	19.0	1.9	2.1
69°	2.0	20.4	18.3	1.8	2.0
69.5°	1.9	19.8	17.6	1.8	1.9
70°	1.9	19.1	16.9	1.7	1.9
70.5°	1.8	18.4	16.2	1.7	1.8
71°	1.7	17.7	15.5	1.6	1.7
71.5°	1.7	17.0	14.8	1.5	1.7
72°	1.6	16.3	14.2	1.5	1.6
72.5°	1.6	15.6	13.5	1.4	1.6
73°	1.5	14.9	12.8	1.4	1.5
73.5°	1.5	14.3	12.1	1.3	1.5
74°	1.4	13.6	11.4	1.2	1.4
74.5°	1.3	12.9	10.7	1.2	1.3
75°	1.3	12.2	10.0	1.1	1.3
75.5°	1.2	11.5	9.3	1.1	1.2
76°	1.2	10.8	8.6	1.0	1.2
76.5°	1.1	10.2	7.9	1.0	1.1
77°	1.1	9.5	7.4	0.9	1.1
77.5°	1.0	8.8	6.7	0.9	1.0
78°	1.0	8.2	6.2	0.8	1.0
78.5°	0.9	7.5	5.7	0.8	0.9
79°	0.9	6.9	5.3	0.7	0.9
79.5°	0.8	6.4	4.9	0.7	0.8
80°	0.8	5.9	4.5	0.6	0.8
80.5°	0.7	5.4	4.1	0.6	0.7
81°	0.7	5.0	3.8	0.5	0.7
81.5°	0.6	4.6	3.4	0.5	0.6
82°	0.6	4.2	3.0	0.5	0.6
82.5°	0.5	3.9	2.6	0.4	0.5
83°	0.5	3.5	2.2	0.4	0.5
83.5°	0.4	3.1	1.8	0.3	0.4
84°	0.4	2.7	1.5	0.3	0.4
84.5°	0.3	2.3	1.2	0.2	0.3
85°	0.3	2.0	0.8	0.2	0.3
85.5°	0.3	1.6	0.6	0.1	0.3
86°	0.2	1.3	0.4	0.1	0.2
86.5°	0.2	1.0	0.3	0.1	0.2
87°	0.1	0.8	0.2	0.0	0.1
87.5°	0.1	0.5	0.1	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°	0.1	0.0	0.0	0.0	0.1
94.5°	2.0	0.0	0.1	0.0	2.0
95°	2.7	0.0	0.5	0.0	2.7
95.5°	2.8	0.0	0.6	0.1	2.8
96°	2.8	0.0	0.7	0.9	2.8
96.5°	2.8	0.1	0.7	1.7	2.8
97°	2.8	0.3	0.7	2.4	2.8
97.5°	2.7	0.6	0.7	2.6	2.7
98°	2.7	0.8	0.7	2.6	2.7
98.5°	2.7	0.9	0.7	2.6	2.7
99°	2.7	0.9	0.7	2.6	2.7
99.5°	2.7	0.9	0.7	2.6	2.7
100°	2.8	0.9	0.8	2.7	2.8
100.5°	2.8	0.9	0.8	2.7	2.8
101°	2.8	0.9	0.8	2.7	2.8
101.5°	2.8	0.9	0.8	2.7	2.8
102°	2.8	0.9	0.8	2.7	2.8
102.5°	2.9	0.9	0.8	2.8	2.9
103°	2.9	0.9	0.8	2.8	2.9
103.5°	2.9	0.9	0.8	2.8	2.9
104°	3.0	0.9	0.8	2.8	3.0
104.5°	3.0	0.9	0.8	2.9	3.0
105°	3.0	0.9	0.8	2.9	3.0
105.5°	3.0	0.9	0.9	2.9	3.0
106°	3.0	0.9	0.9	2.9	3.0
106.5°	3.1	0.9	0.9	2.9	3.1
107°	3.1	0.9	0.9	3.0	3.1
107.5°	3.1	0.9	0.9	3.0	3.1
108°	3.1	0.9	0.9	3.0	3.1
108.5°	3.2	0.9	0.9	3.0	3.2
109°	3.2	0.9	0.9	3.0	3.2
109.5°	3.2	0.9	0.9	3.1	3.2
110°	3.2	0.9	0.9	3.1	3.2
110.5°	3.3	0.9	0.9	3.1	3.3
111°	3.3	0.9	0.9	3.1	3.3
111.5°	3.0	0.9	0.9	3.1	3.0
112°	1.9	0.9	0.9	3.1	1.9

TEST NUMBER: P1431931

CATALOG NUMBER: HSLBKMW\_Louver-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	90°	180°	270°	360°
112.5°	0.7	0.9	0.9	3.2	0.7
113°	0.0	0.9	0.9	3.2	0.0
113.5°	0.2	0.9	0.9	3.2	0.2
114°	0.9	0.9	0.9	3.2	0.9
114.5°	1.1	0.9	0.9	3.2	1.1
115°	1.3	0.9	0.9	3.2	1.3
115.5°	1.4	0.9	0.9	3.2	1.4
116°	1.5	0.9	0.9	3.2	1.5
116.5°	1.5	0.9	0.9	3.2	1.5
117°	1.5	0.9	0.9	3.1	1.5
117.5°	1.5	0.9	0.9	3.1	1.5
118°	1.5	0.9	0.9	3.1	1.5
118.5°	1.5	0.9	0.9	3.1	1.5
119°	1.5	0.9	0.9	3.1	1.5
119.5°	1.5	0.9	0.9	3.1	1.5
120°	1.5	0.9	0.9	3.1	1.5
120.5°	1.5	0.9	0.9	3.0	1.5
121°	1.5	0.9	0.9	3.0	1.5
121.5°	1.5	0.9	0.9	3.0	1.5
122°	1.5	0.9	0.9	3.0	1.5
122.5°	1.2	0.9	0.9	3.0	1.2
123°	0.8	0.9	0.9	3.0	0.8
123.5°	0.6	0.9	1.0	2.9	0.6
124°	0.6	0.9	1.0	2.9	0.6
124.5°	0.6	0.9	1.0	2.9	0.6
125°	0.5	0.9	1.0	2.9	0.5
125.5°	0.3	0.9	1.0	2.9	0.3
126°	0.1	0.9	1.0	2.9	0.1
126.5°	0.1	0.9	1.0	2.9	0.1
127°	0.3	0.9	1.0	2.8	0.3
127.5°	0.7	0.9	1.0	2.8	0.7
128°	0.9	0.9	1.0	2.8	0.9
128.5°	0.9	0.9	1.0	2.8	0.9
129°	0.9	0.9	1.0	2.8	0.9
129.5°	0.9	0.9	1.0	2.8	0.9
130°	1.0	0.9	1.0	2.8	1.0
130.5°	1.3	0.9	1.0	2.7	1.3
131°	1.5	0.9	1.0	2.7	1.5
131.5°	1.5	0.9	1.0	2.7	1.5
132°	1.5	0.9	0.9	2.7	1.5
132.5°	1.5	0.9	1.0	2.7	1.5
133°	1.5	0.9	1.0	2.7	1.5
133.5°	1.5	0.9	1.0	2.7	1.5
134°	1.5	0.9	1.0	2.6	1.5
134.5°	1.5	0.9	1.0	2.6	1.5

TEST NUMBER: P1431931

CATALOG NUMBER: HSLBKMW\_Louver-3000K

**CANDELA DISTRIBUTION (continued):**

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

TEST NUMBER: P1431931

CATALOG NUMBER: HSLBKMW\_Louver-3000K

**CANDELA DISTRIBUTION (continued):**

	0°	90°	180°	270°	360°
157.5°	0.6	0.3	0.2	1.2	0.6
158°	0.7	0.3	0.2	1.3	0.7
158.5°	0.7	0.3	0.2	1.3	0.7
159°	0.8	0.3	0.2	1.4	0.8
159.5°	0.9	0.3	0.3	1.4	0.9
160°	0.9	0.3	0.3	1.4	0.9
160.5°	0.9	0.4	0.3	1.4	0.9
161°	0.9	0.4	0.4	1.4	0.9
161.5°	0.8	0.4	0.4	1.4	0.8
162°	0.8	0.5	0.4	1.3	0.8
162.5°	0.8	0.5	0.4	1.3	0.8
163°	0.8	0.5	0.4	1.3	0.8
163.5°	0.8	0.5	0.4	1.2	0.8
164°	0.8	0.5	0.4	1.2	0.8
164.5°	0.8	0.5	0.4	1.2	0.8
165°	0.7	0.5	0.4	1.1	0.7
165.5°	0.7	0.5	0.4	1.1	0.7
166°	0.7	0.5	0.5	1.1	0.7
166.5°	0.7	0.5	0.5	1.0	0.7
167°	0.6	0.5	0.5	1.0	0.6
167.5°	0.7	0.5	0.5	0.9	0.7
168°	0.7	0.5	0.5	0.9	0.7
168.5°	0.6	0.5	0.5	0.9	0.6
169°	0.6	0.5	0.5	0.8	0.6
169.5°	0.5	0.5	0.5	0.8	0.5
170°	0.5	0.4	0.4	0.8	0.5
170.5°	0.5	0.4	0.4	0.7	0.5
171°	0.5	0.4	0.4	0.5	0.5
171.5°	0.5	0.4	0.4	0.4	0.5
172°	0.5	0.4	0.4	0.3	0.5
172.5°	0.5	0.4	0.4	0.2	0.5
173°	0.5	0.4	0.4	0.3	0.5
173.5°	0.5	0.4	0.4	0.3	0.5
174°	0.5	0.4	0.4	0.3	0.5
174.5°	0.4	0.3	0.3	0.3	0.4
175°	0.3	0.3	0.3	0.3	0.3
175.5°	0.3	0.3	0.3	0.3	0.3
176°	0.3	0.2	0.3	0.3	0.3
176.5°	0.2	0.2	0.2	0.2	0.2
177°	0.2	0.2	0.2	0.1	0.2
177.5°	0.2	0.1	0.1	0.0	0.2
178°	0.2	0.0	0.1	0.0	0.2
178.5°	0.1	0.0	0.0	0.0	0.1
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: P1431931  
CATALOG NUMBER: HSLBKMW\_Louver-3000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)