

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: P1219871

Luminaire Tested: SEC3HSBATMWH-4000k

Issue Date: 1/8/2026

Tested By:

Approved By:



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Test Information

Test Method: LM-79-2019
Report Number: P1219871
Test Lab: INNOVATION CENTER
Issue Date: 1/8/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: SEC3HSBATMWH-4000k
Description: BAT SEL 1500 Motion 3H WH at 4000K

Light Source:
Ballast/Driver: -

Summary

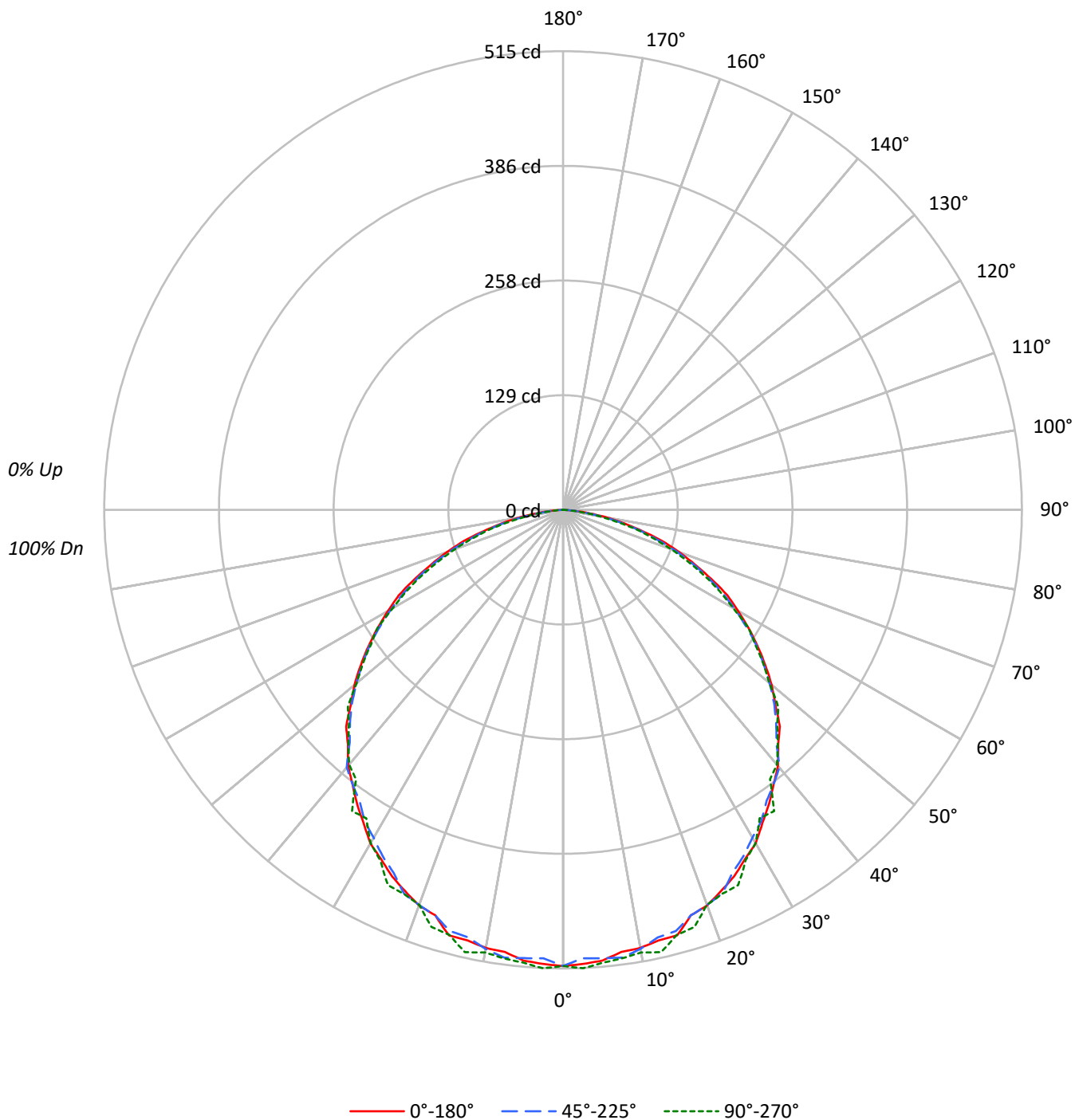
Lumens per Lamp: N/A
Luminaire Lumens: 1437.0 lumens
Efficiency: N/A
Efficacy: 119.7 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.37
Luminous Opening: Rectangular (W 0.25' x L: 1.08' x H: 0')
CIE Type: Direct

Input Watts (W): 12
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: >0.14
Total Harmonic Distortion (THDi): <25
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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CATALOG NUMBER: SEC3HSBATMWH-4000k

Luminous Intensity Polar Plot



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.4	3.4
10°-20°	138.4	9.6
20°-30°	209.6	14.6
30°-40°	252.0	17.5
40°-50°	262.8	18.3
50°-60°	237.3	16.5
60°-70°	178.0	12.4
70°-80°	93.6	6.5
80°-90°	16.9	1.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	396.4	27.6
0°-40°	648.3	45.1
0°-60°	1148.4	79.9
0°-90°	1437.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1437.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	512	512	512	512	512	
5°	508	507	505	514	510	48
15°	495	493	490	495	494	138
25°	454	458	450	460	465	209
35°	403	403	398	408	413	252
45°	344	342	338	341	340	263
55°	266	270	265	265	263	238
65°	183	185	179	182	175	181
75°	92	91	89	84	85	99
85°	14	13	11	9	9	20
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	512.2	512.2	512.2	512.2	512.2
2.5°	510.5	513.0	504.1	511.3	515.2
5°	508.0	506.7	505.4	513.9	510.5
7.5°	500.7	507.5	507.1	506.7	508.0
10°	499.5	503.3	500.7	505.8	504.6
12.5°	495.2	499.0	491.8	498.2	508.8
15°	494.8	492.7	489.7	495.2	494.0
17.5°	477.4	474.0	477.4	484.2	491.0
20°	472.7	475.3	472.3	478.2	471.9
22.5°	463.4	465.5	466.4	465.5	466.8
25°	454.1	457.5	449.8	459.6	465.1
27.5°	442.2	441.8	438.4	443.9	443.9
30°	432.4	431.6	425.2	431.1	432.0
32.5°	416.7	413.7	414.2	413.7	410.8
35°	403.1	403.1	398.5	407.8	412.9
37.5°	388.3	389.1	388.3	389.1	381.5
40°	375.1	374.7	377.7	374.3	373.4
42.5°	357.3	359.0	354.3	359.0	356.5
45°	344.2	342.0	338.2	340.8	339.9
47.5°	322.9	321.2	321.2	323.8	327.6
50°	305.5	309.4	302.6	304.3	302.1
52.5°	286.0	286.0	283.5	286.4	283.0
55°	266.5	269.5	264.8	264.8	263.1
57.5°	246.6	248.7	243.6	245.3	247.0
60°	226.6	224.5	222.4	221.9	220.2
62.5°	207.9	206.2	201.1	200.7	198.2
65°	183.3	184.6	179.1	181.6	175.3
67.5°	160.0	159.6	156.6	155.3	151.9
70°	138.3	139.2	134.1	132.8	129.0
72.5°	116.7	115.4	110.3	108.2	106.1
75°	92.5	91.2	88.7	84.0	85.3
77.5°	70.4	68.7	67.0	62.0	60.7
80°	50.1	48.0	43.7	41.6	41.2
82.5°	30.1	28.9	25.9	23.3	22.1
85°	13.6	13.2	10.6	9.3	8.9
87.5°	3.4	3.0	2.5	2.5	2.1
90°	0.0	0.0	0.0	0.0	0.0

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	22.4	24.1	22.8	24.4	24.7	22.4	24.0	22.7	24.3	24.6
	3H	24.2	25.7	24.6	26.0	26.4	24.0	25.5	24.4	25.8	26.2
	4H	24.8	26.2	25.2	26.6	26.9	24.6	26.0	25.0	26.3	26.7
	6H	25.2	26.5	25.6	26.8	27.2	24.9	26.2	25.3	26.5	26.9
	8H	25.3	26.5	25.7	26.9	27.3	24.9	26.1	25.3	26.5	26.9
	12H	25.3	26.5	25.7	26.9	27.3	24.9	26.1	25.3	26.5	26.9
4H	2H	23.0	24.4	23.4	24.8	25.2	23.0	24.4	23.4	24.7	25.1
	3H	25.0	26.2	25.4	26.6	27.0	24.9	26.0	25.3	26.4	26.8
	4H	25.7	26.8	26.2	27.2	27.6	25.5	26.5	25.9	27.0	27.4
	6H	26.2	27.1	26.7	27.6	28.0	25.9	26.8	26.3	27.2	27.7
	8H	26.3	27.2	26.8	27.6	28.1	26.0	26.8	26.4	27.2	27.7
	12H	26.4	27.2	26.9	27.6	28.1	26.0	26.7	26.5	27.2	27.7
8H	4H	26.0	26.8	26.4	27.3	27.7	25.8	26.6	26.2	27.1	27.5
	6H	26.6	27.3	27.0	27.7	28.2	26.2	26.9	26.7	27.4	27.9
	8H	26.7	27.3	27.2	27.8	28.3	26.3	27.0	26.8	27.5	27.9
	12H	26.8	27.4	27.3	27.8	28.4	26.4	26.9	26.9	27.4	28.0
12H	4H	26.0	26.8	26.5	27.2	27.7	25.8	26.6	26.3	27.0	27.5
	6H	26.6	27.2	27.1	27.7	28.2	26.3	26.9	26.8	27.4	27.9
	8H	26.8	27.3	27.3	27.8	28.4	26.4	26.9	26.9	27.4	28.0

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