

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: P1219866

Luminaire Tested: SEC3HSBATMBLK-4000k

Issue Date: 1/8/2026

Tested By:

Approved By:



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Test Information

Test Method: LM-79-2019
Report Number: P1219866
Test Lab: INNOVATION CENTER
Issue Date: 1/8/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: SEC3HSBATMBLK-4000k
Description: BAT SEL 1500 Motion 3H Blk at 4000K

Light Source:
Ballast/Driver: -

Summary

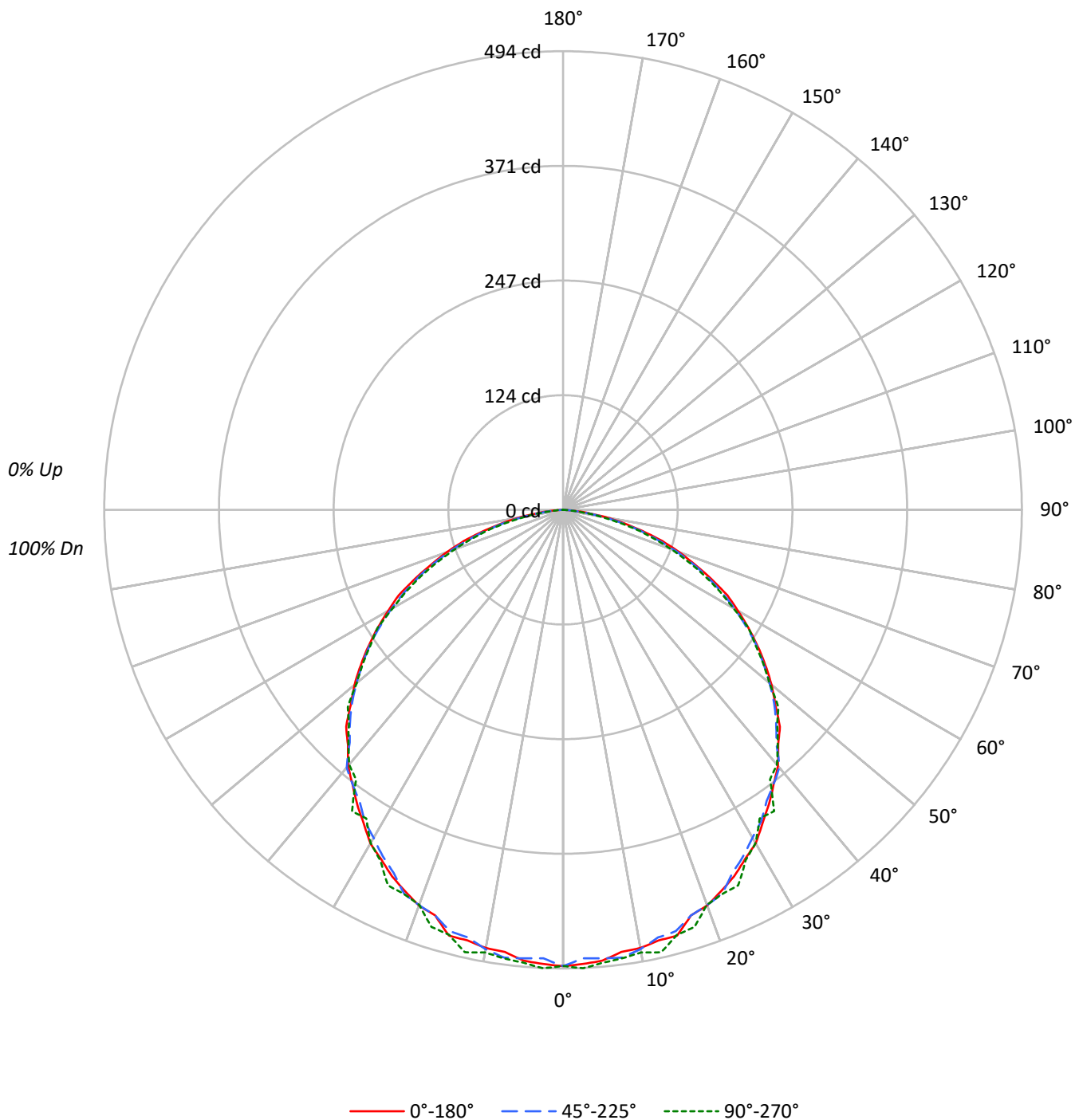
Lumens per Lamp: N/A
Luminaire Lumens: 1378.5 lumens
Efficiency: N/A
Efficacy: 114.9 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.37
Luminous Opening: Rectangular (W 0.25' x L: 1.08' x H: 0')
CIE Type: Direct

Input Watts (W): 12
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: >0.17
Total Harmonic Distortion (THDi): <28
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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CATALOG NUMBER: SEC3HSBATMBLK-4000k

Luminous Intensity Polar Plot



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.4	3.4
10°-20°	132.8	9.6
20°-30°	201.0	14.6
30°-40°	241.7	17.5
40°-50°	252.1	18.3
50°-60°	227.7	16.5
60°-70°	170.8	12.4
70°-80°	89.8	6.5
80°-90°	16.2	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°	380.2	27.6
0°-40°	622.0	45.1
0°-60°	1101.7	79.9
0°-90°	1378.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1378.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	491	491	491	491	491	
5°	487	486	485	493	490	46
15°	475	473	470	475	474	132
25°	436	439	432	441	446	201
35°	387	387	382	391	396	242
45°	330	328	324	327	326	253
55°	256	258	254	254	252	229
65°	176	177	172	174	168	174
75°	89	88	85	81	82	95
85°	13	13	10	9	8	19
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	491.4	491.4	491.4	491.4	491.4
2.5°	489.7	492.2	483.6	490.6	494.2
5°	487.3	486.1	484.9	493.0	489.7
7.5°	480.4	486.9	486.5	486.1	487.3
10°	479.2	482.8	480.4	485.3	484.0
12.5°	475.1	478.7	471.8	477.9	488.1
15°	474.7	472.6	469.8	475.1	473.9
17.5°	458.0	454.7	458.0	464.5	471.0
20°	453.5	455.9	453.1	458.8	452.7
22.5°	444.6	446.6	447.4	446.6	447.8
25°	435.6	438.9	431.5	440.9	446.2
27.5°	424.2	423.8	420.5	425.8	425.8
30°	414.8	414.0	407.9	413.6	414.4
32.5°	399.8	396.9	397.3	396.9	394.1
35°	386.7	386.7	382.3	391.2	396.1
37.5°	372.5	373.3	372.5	373.3	366.0
40°	359.9	359.5	362.3	359.1	358.2
42.5°	342.8	344.4	339.9	344.4	342.0
45°	330.2	328.1	324.5	326.9	326.1
47.5°	309.8	308.2	308.2	310.6	314.3
50°	293.1	296.8	290.3	291.9	289.9
52.5°	274.4	274.4	271.9	274.8	271.5
55°	255.7	258.5	254.0	254.0	252.4
57.5°	236.5	238.6	233.7	235.3	236.9
60°	217.4	215.4	213.3	212.9	211.3
62.5°	199.5	197.8	193.0	192.6	190.1
65°	175.9	177.1	171.8	174.2	168.1
67.5°	153.5	153.1	150.2	149.0	145.7
70°	132.7	133.5	128.6	127.4	123.8
72.5°	112.0	110.7	105.8	103.8	101.8
75°	88.7	87.5	85.1	80.6	81.8
77.5°	67.6	65.9	64.3	59.4	58.2
80°	48.0	46.0	41.9	39.9	39.5
82.5°	28.9	27.7	24.8	22.4	21.2
85°	13.0	12.6	10.2	9.0	8.5
87.5°	3.3	2.8	2.4	2.4	2.0
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	22.3	23.9	22.7	24.3	24.6	22.2	23.9	22.6	24.2	24.5
	3H	24.1	25.5	24.4	25.9	26.2	23.9	25.4	24.3	25.7	26.0
	4H	24.7	26.1	25.1	26.4	26.8	24.4	25.8	24.8	26.2	26.5
	6H	25.1	26.3	25.5	26.7	27.1	24.7	26.0	25.1	26.4	26.8
	8H	25.1	26.4	25.6	26.8	27.2	24.8	26.0	25.2	26.4	26.8
	12H	25.2	26.3	25.6	26.7	27.2	24.8	26.0	25.2	26.3	26.8
4H	2H	22.9	24.3	23.3	24.6	25.0	22.8	24.2	23.2	24.6	25.0
	3H	24.9	26.0	25.3	26.4	26.8	24.7	25.9	25.1	26.3	26.7
	4H	25.6	26.6	26.0	27.1	27.5	25.4	26.4	25.8	26.8	27.2
	6H	26.1	27.0	26.5	27.4	27.9	25.7	26.7	26.2	27.1	27.5
	8H	26.2	27.1	26.7	27.5	28.0	25.8	26.7	26.3	27.1	27.6
	12H	26.3	27.0	26.7	27.5	28.0	25.8	26.6	26.3	27.1	27.5
8H	4H	25.8	26.7	26.3	27.1	27.6	25.6	26.5	26.1	26.9	27.4
	6H	26.4	27.1	26.9	27.6	28.1	26.1	26.8	26.6	27.3	27.8
	8H	26.6	27.2	27.1	27.7	28.2	26.2	26.8	26.7	27.3	27.8
	12H	26.6	27.2	27.2	27.7	28.3	26.2	26.8	26.7	27.3	27.8
12H	4H	25.9	26.6	26.3	27.1	27.6	25.6	26.4	26.1	26.9	27.4
	6H	26.4	27.1	26.9	27.5	28.1	26.1	26.8	26.6	27.2	27.7
	8H	26.6	27.2	27.1	27.7	28.2	26.2	26.8	26.7	27.3	27.8

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