

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: P534460

Luminaire Tested: **L808-13-FL-930-MB**

Issue Date: 6/9/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P534460  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2101-126-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 6/9/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: HALO  
Catalog Number: L808-13-FL-930-MB  
Description: 3" Track Fixture with Flood Optic  
Light Source: (1) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

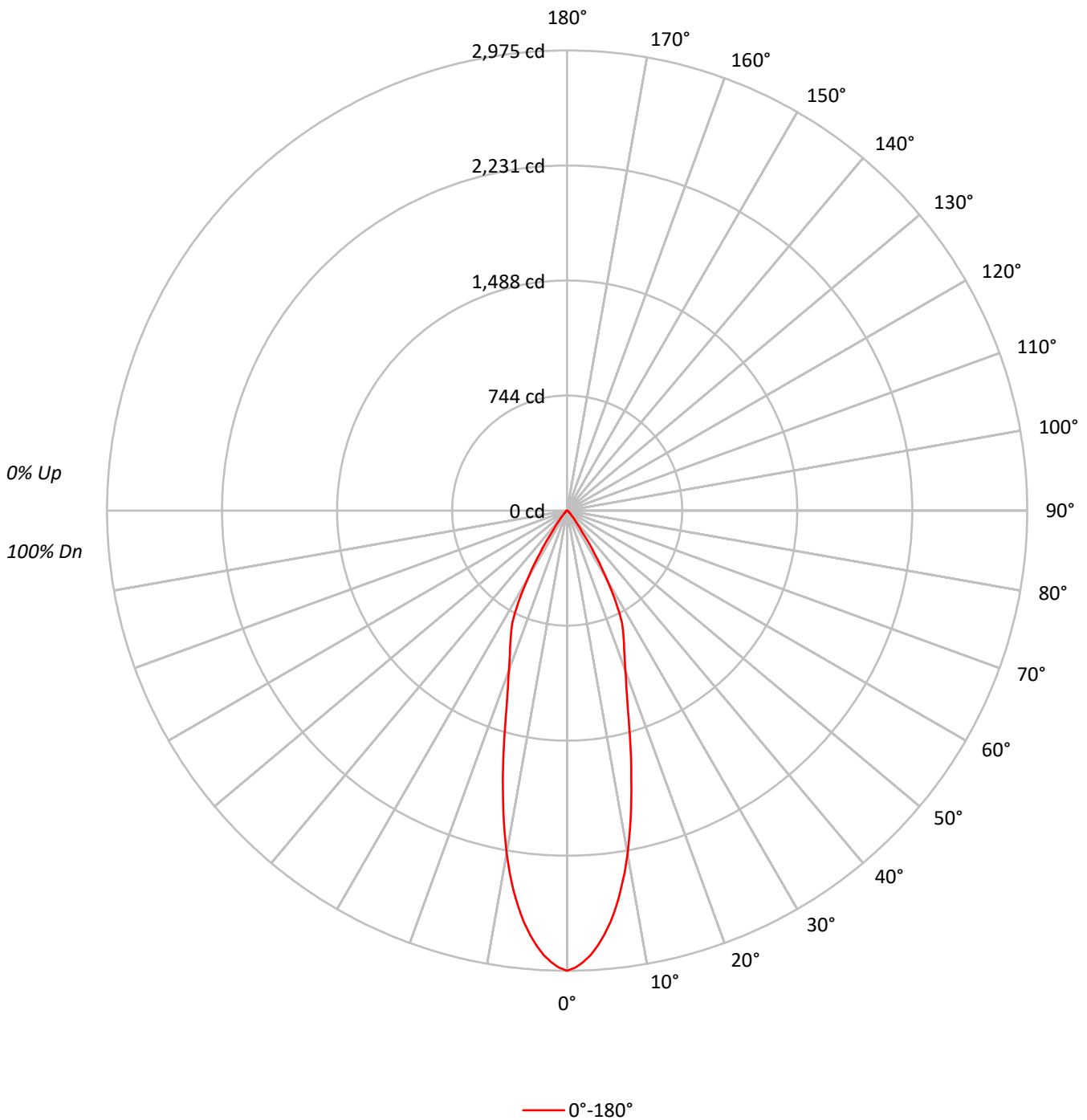
Lumens per Lamp: N/A  
Luminaire Lumens: 1239.0 lumens  
Efficiency: N/A  
Efficacy: 97.6 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.59  
Luminous Opening: Circular (Dia: 0.02' x H: 0')  
CIE Type: Direct

Input Watts (W): 12.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 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	0		
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	109	105	102	99	107	103	100	98	100	98	95		97	95	93		95	93	92	90
3	105	99	95	92	103	98	94	91	95	92	89		93	90	88		91	89	87	85
4	101	94	89	86	99	93	89	85	91	87	84		89	86	83		87	84	82	81
5	96	89	84	81	95	88	84	80	87	83	80		85	82	79		84	81	78	77
6	93	85	80	76	91	84	79	76	83	79	75		81	78	75		80	77	74	73
7	89	81	76	72	88	80	76	72	79	75	72		78	74	71		77	74	71	70
8	86	77	72	69	84	77	72	69	76	71	68		75	71	68		74	70	68	67
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71	68	65	64
10	79	71	66	63	78	71	66	63	70	65	62		69	65	62		68	65	62	61

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

	0°
0°	65244773
5°	60587560
10°	50132672
15°	35900320
20°	25689900
25°	20698776
30°	12996936
35°	4652492
40°	1892116
45°	908621
50°	535590
55°	389950
60°	267522
65°	176413
70°	128227
75°	118613
80°	88395
85°	0



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	246.8	19.9
10°-20°	439.2	35.4
20°-30°	378.2	30.5
30°-40°	135.1	10.9
40°-50°	25.5	2.1
50°-60°	9.1	0.7
60°-70°	3.7	0.3
70°-80°	1.3	0.1
80°-90°	0.1	0.0
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°	1064.3	85.9
0°-40°	1199.4	96.8
0°-60°	1234.0	99.6
0°-90°	1239.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1239.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2975	
5°	2752	247
15°	1581	439
25°	856	378
35°	174	135
45°	29	25
55°	10	9
65°	3	4
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2975.4
1°	2956.3
2°	2922.2
3°	2878.6
4°	2821.3
5°	2752.5
6°	2675.5
7°	2584.8
8°	2482.6
9°	2372.8
10°	2251.5
11°	2119.2
12°	1984.3
13°	1846.6
14°	1710.9
15°	1581.4
16°	1456.0
17°	1345.6
18°	1248.1
19°	1169.0
20°	1100.9
21°	1042.2
22°	987.0
23°	940.0
24°	896.4
25°	855.5
26°	808.4
27°	744.4
28°	670.1
29°	591.0
30°	513.3
32.5°	326.5
35°	173.8
37.5°	105.0
40°	66.1
42.5°	44.3
45°	29.3
47.5°	19.8
50°	15.7
52.5°	12.3
55°	10.2
57.5°	7.5
60°	6.1
62.5°	4.8
65°	3.4



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**CANDELA DISTRIBUTION (continued):**

	0°
67.5°	2.7
70°	2.0
72.5°	1.4
75°	1.4
77.5°	0.7
80°	0.7
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)