

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: AtLite

Report Number: G1-1809-954-1

Luminaire Tested: **ATLEMINI-2H, ATLEMINI-3H**

Test Date: 09/24/18

**Test Information**

Test Method: LM-79-08  
Report Number: G1-1809-954-1  
Test Lab: INNOVATION CENTER(G1)  
Test Date: 09/24/18  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: AtLite  
Catalog Number: ATLEMINI-2H, ATLEMINI-3H  
Description: METAL EMERGENCY LIGHT WITH 2 OR 3 INTEGRAL HEADS  
Light Source: (1) NICHIA 5000K LED  
NFSW757GT-V1,R70\_R8000\_R9050\_S1704  
Ballast/Driver: IN0198  
AGILENT DC POWERSUPPLY

**Summary**

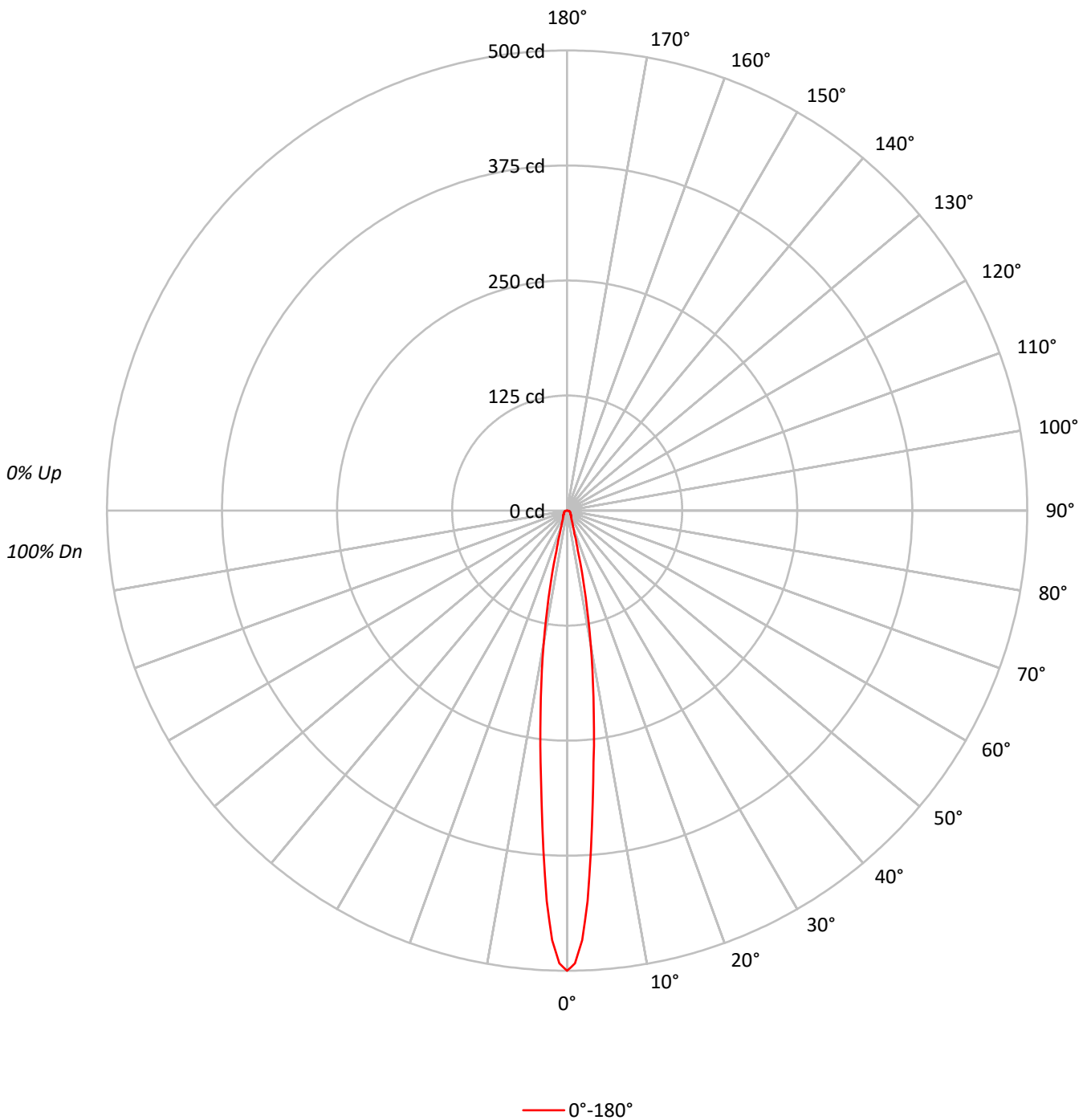
Lumens per Lamp: N/A  
Luminaire Lumens: 65.5 lumens  
Efficiency: N/A  
Efficacy: 88.6 lumens/watt  
Spacing Criteria (0/90/45): 0.23 / 0.23 / 0.26  
Luminous Opening: Circular (Dia: 0.17' x H: 0')  
CIE Type: Direct

Input Watts (W): 0.74  
Input Voltage (V): 3.60  
Input Current (Ain): 0.206  
Voltage Rise (V): NR  
Power Factor: 1  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): DC  
Stabilization Time: 0.5 HR  
Operation Time: 7.0 HR  
Ambient Temperature (°C): 25.0  
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	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	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96	94	93	91
2	107	101	97	93	104	99	95	92	96	93	90		93	90	88		90	88	86	84
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86	83	81	79
4	97	89	84	80	95	88	83	79	86	82	78		84	80	77		82	79	76	75
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79	76	73	71
6	90	81	76	72	88	81	75	71	79	74	71		78	74	70		76	73	70	69
7	87	78	73	69	85	78	72	69	76	72	68		75	71	68		74	70	68	66
8	84	75	70	66	83	75	70	66	74	69	66		73	69	66		72	68	65	64
9	81	73	68	64	80	72	68	64	72	67	64		71	67	64		70	66	64	62
10	79	71	66	62	78	70	66	62	70	65	62		69	65	62		68	65	62	61

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

	0°
0°	246690
5°	157494
10°	73646
15°	22985
20°	9976
25°	6533
30°	5127
35°	4216
40°	3864
45°	3489
50°	3838
55°	3441
60°	3947
65°	3502
70°	4328
75°	5719
80°	5683
85°	5661



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.1	38.3
10°-20°	15.0	22.9
20°-30°	5.8	8.8
30°-40°	4.6	7.0
40°-50°	4.1	6.3
50°-60°	3.7	5.6
60°-70°	3.3	5.1
70°-80°	2.8	4.2
80°-90°	1.1	1.7
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°	45.9	70.0
0°-40°	50.5	77.0
0°-60°	58.3	89.0
0°-90°	65.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	65.5	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	500	
5°	318	25
15°	45	15
25°	12	6
35°	7	5
45°	5	4
55°	4	4
65°	3	3
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	500
1°	492
2°	467
3°	425
4°	370
5°	318
6°	275
7°	239
8°	205
9°	176
10°	147
11°	121
12°	97
13°	78
14°	59
15°	45
17.5°	26
20°	19
22.5°	15
25°	12
27.5°	10
30°	9
32.5°	8
35°	7
37.5°	7
40°	6
42.5°	6
45°	5
47.5°	5
50°	5
52.5°	4
55°	4
57.5°	4
60°	4
62.5°	4
65°	3
67.5°	3
70°	3
72.5°	3
75°	3
77.5°	2
80°	2
82.5°	1
85°	1
87.5°	1



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CANDELA DISTRIBUTION (continued):

90° |  $\frac{0^\circ}{0}$

(END OF REPORT)