

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: SURE-LITES

Report Number: P26739

Luminaire Tested: **SRM13WH**

Test Date: 09/08/15

Test Information

Test Method: LM-79-08
Report Number: P26739
Test Lab: INNOVATION CENTER-P2
Test Date: 09/08/15
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: SURE-LITES
Catalog Number: SRM13WH
Description: SURE-LITES LED EMERGENCY REMOTE WITH ADJUSTABLE HEAD ORIENTED AS A DOWNLIGHT
Light Source: (1) 5000K LEDS
NONE
Ballast/Driver: [1] AGILIENT DC POWER SUPPLY
IN0011

Summary

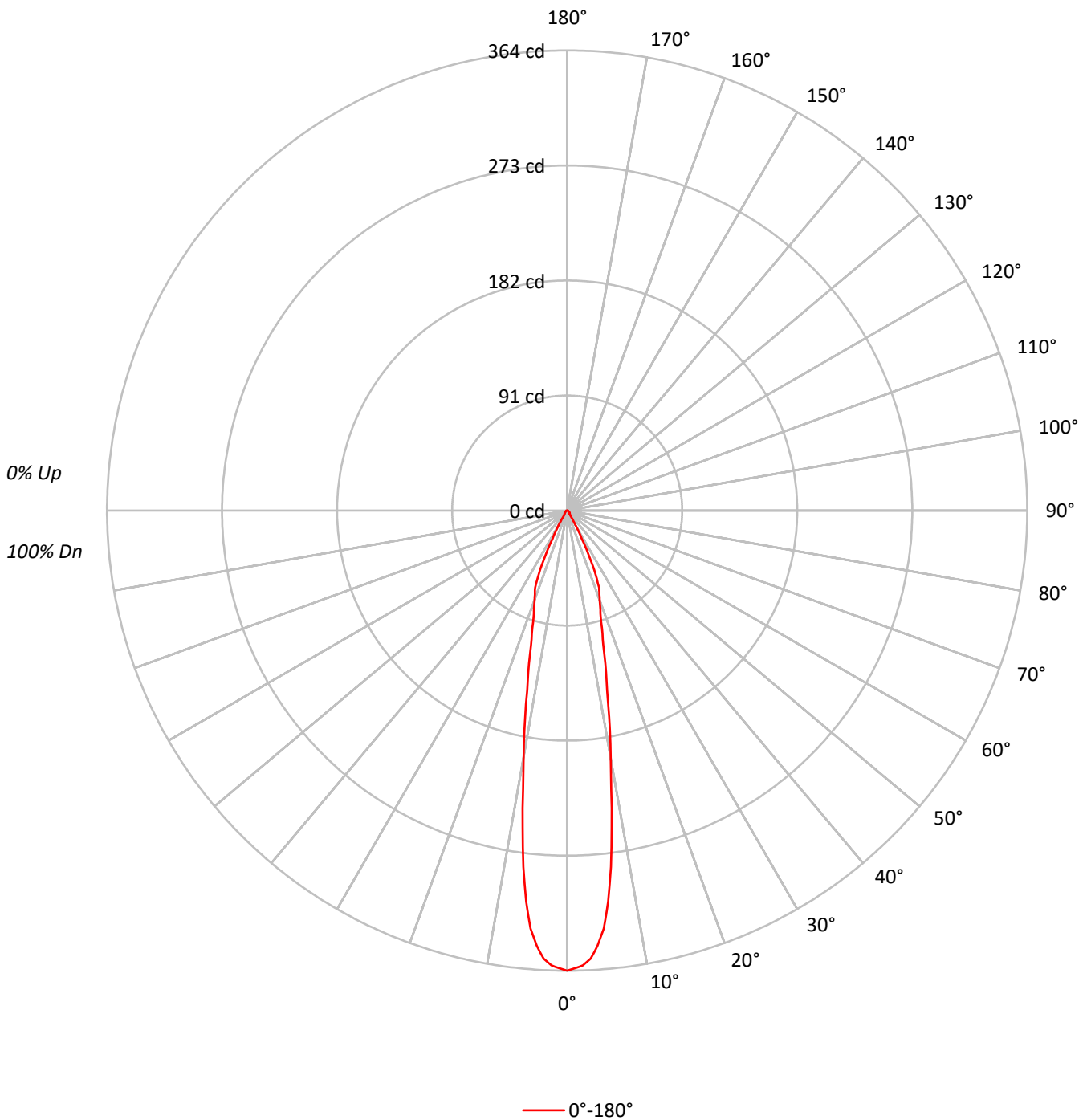
Lumens per Lamp: N/A
Luminaire Lumens: 88.7 lumens
Efficiency: N/A
Efficacy: 88.7 lumens/watt
Spacing Criteria (0/90/45): 0.36 / 0.36 / 0.4
Luminous Opening: Circular (Dia: 0.38' x H: 0')
CIE Type: Direct

Input Watts (W): 1
Input Voltage (V): NR
Input Current (A_{in}): 0.21546
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): DC
Stabilization Time: NR
Operation Time: NR
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	
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	109	107	112	109	107	106	105	104	102	102	101	99	98	97	97	95
2	110	105	102	99	107	104	100	98	100	98	96	98	95	94	95	93	92	90
3	105	100	96	92	104	99	95	92	96	93	90	94	91	89	92	89	88	86
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	88	86	84	83
5	98	91	86	83	96	90	86	83	89	85	82	87	84	81	86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76
7	92	84	79	76	90	84	79	76	82	78	75	81	78	75	80	77	75	74
8	89	81	76	73	88	81	76	73	80	76	73	79	75	72	78	75	72	71
9	86	78	74	71	85	78	74	71	77	73	70	76	73	70	76	72	70	69
10	83	76	71	68	83	75	71	68	75	71	68	74	70	68	73	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35475
5°	32480
10°	19594
15°	11099
20°	7778
25°	5162
30°	1463
35°	476
40°	382
45°	413
50°	303
55°	340
60°	195
65°	231
70°	285
75°	377
80°	561
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.9	30.4
10°-20°	32.3	36.4
20°-30°	20.2	22.8
30°-40°	3.0	3.4
40°-50°	2.0	2.3
50°-60°	1.7	1.9
60°-70°	1.0	1.1
70°-80°	1.1	1.2
80°-90°	0.4	0.5
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°	79.5	89.6
0°-40°	82.5	93.1
0°-60°	86.2	97.2
0°-90°	88.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	88.7	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	364	
5°	332	27
15°	110	32
25°	48	20
35°	4	3
45°	3	2
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	364
1°	362
2°	360
3°	355
4°	345
5°	332
6°	311
7°	284
8°	253
9°	223
10°	198
12.5°	146
15°	110
17.5°	88
20°	75
22.5°	66
25°	48
27.5°	25
30°	13
32.5°	5
35°	4
37.5°	3
40°	3
42.5°	3
45°	3
47.5°	2
50°	2
52.5°	2
55°	2
57.5°	2
60°	1
62.5°	1
65°	1
67.5°	1
70°	1
72.5°	1
75°	1
77.5°	1
80°	1
82.5°	1
85°	0
87.5°	0
90°	0

(END OF REPORT)