

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1274350

Luminaire Tested: P3AS17R259830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274350
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

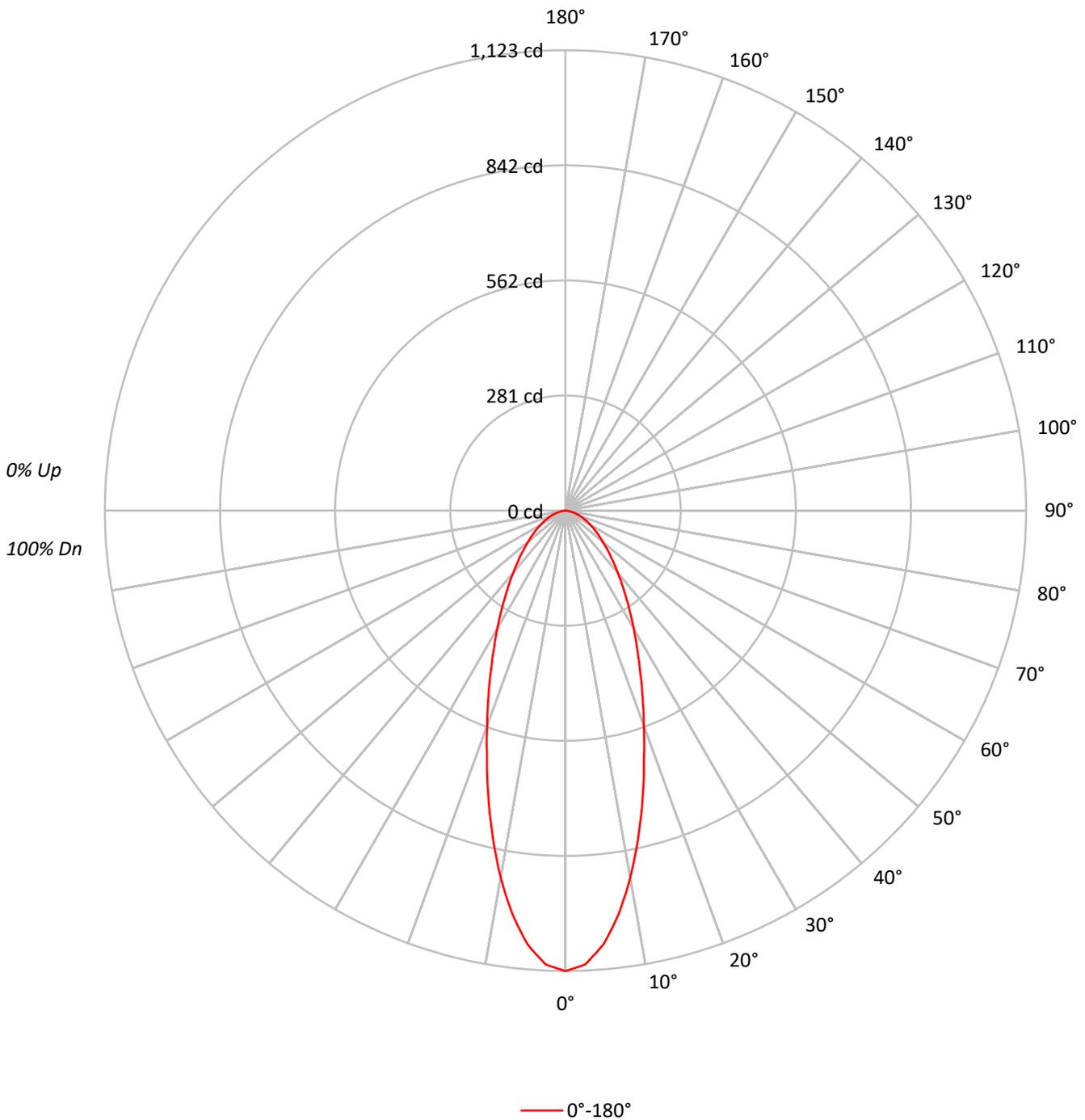
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 944.0 lumens
Efficiency: N/A
Efficacy: 46.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (A_{in}): 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	246318
5°	233810
10°	202512
15°	164859
20°	130258
25°	103869
30°	84215
35°	68583
40°	56821
45°	47881
50°	40527
55°	35669
60°	31269
65°	27292
70°	23914
75°	20164
80°	15027
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 47881 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.4	10.2
10°-20°	201.4	21.3
20°-30°	198.5	21.0
30°-40°	161.6	17.1
40°-50°	119.9	12.7
50°-60°	83.7	8.9
60°-70°	52.4	5.6
70°-80°	25.3	2.7
80°-90°	4.9	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°	496.3	52.6
0°-40°	657.9	69.7
0°-60°	861.5	91.3
0°-90°	944.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	944.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1123	
5°	1062	96
15°	726	201
25°	429	198
35°	256	162
45°	154	120
55°	93	84
65°	53	52
75°	24	25
85°	3	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1123.3
2.5°	1108.0
5°	1062.2
7.5°	992.6
10°	909.5
12.5°	817.8
15°	726.2
17.5°	636.3
20°	558.2
22.5°	490.4
25°	429.3
27.5°	376.7
30°	332.6
32.5°	291.8
35°	256.2
37.5°	225.7
40°	198.5
42.5°	174.8
45°	154.4
47.5°	135.7
50°	118.8
52.5°	105.2
55°	93.3
57.5°	81.4
60°	71.3
62.5°	61.1
65°	52.6
67.5°	44.1
70°	37.3
72.5°	30.5
75°	23.8
77.5°	17.0
80°	11.9
82.5°	6.8
85°	3.4
87.5°	1.7
90°	0.0

(END OF REPORT)