

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: P1256171

Luminaire Tested: P3AS02R259040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256171
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: P3AS02R259040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

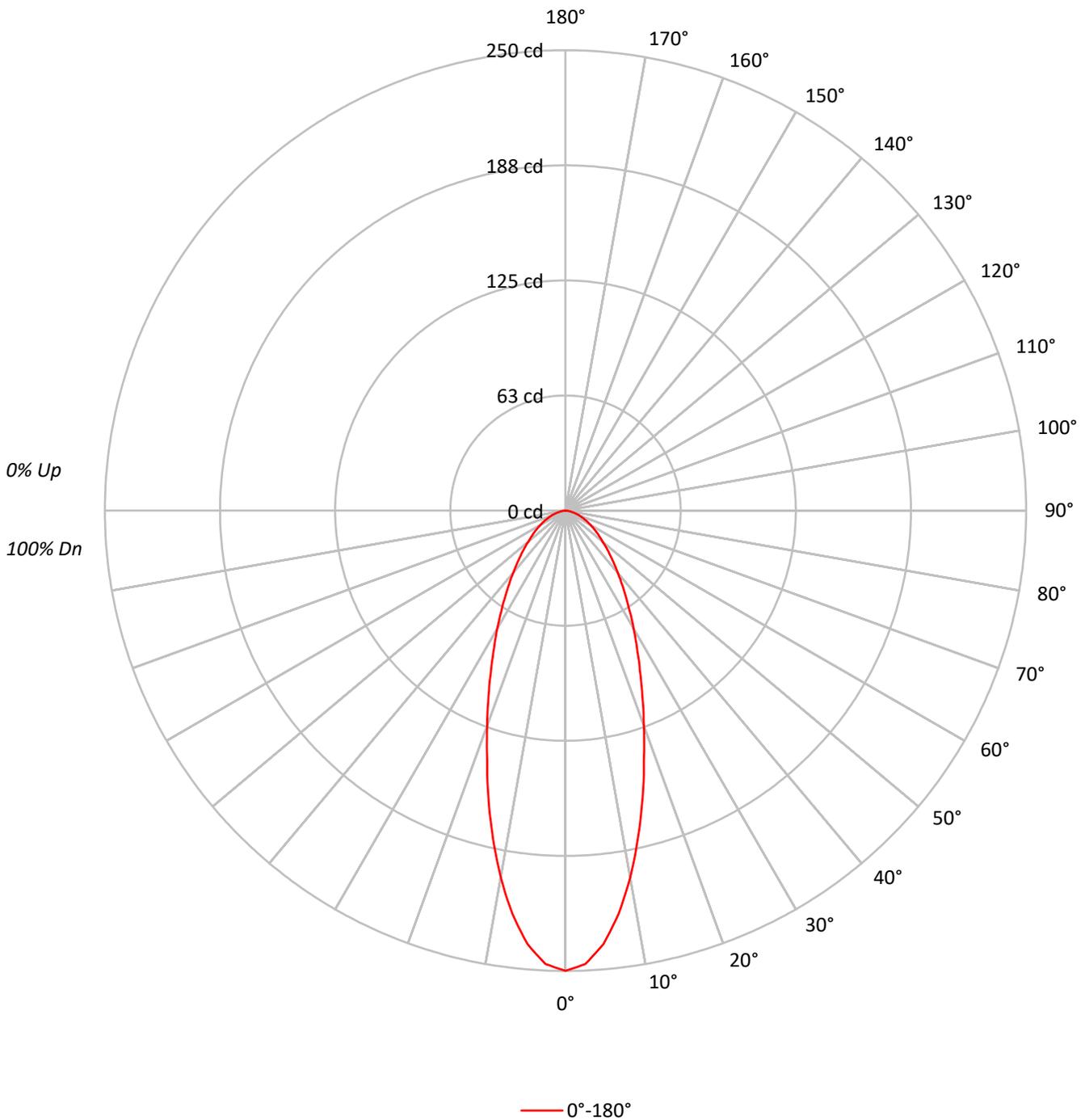
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 210.0 lumens
Efficiency: N/A
Efficacy: 58.3 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): 3.6
Input Voltage (V): NR
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	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	94	93	92	94	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°	54798
5°	52014
10°	45045
15°	36686
20°	28983
25°	23106
30°	18737
35°	15258
40°	12652
45°	10637
50°	9006
55°	7952
60°	6973
65°	6071
70°	5321
75°	4490
80°	3283
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10637 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.5	10.2
10°-20°	44.8	21.3
20°-30°	44.2	21.0
30°-40°	35.9	17.1
40°-50°	26.7	12.7
50°-60°	18.6	8.9
60°-70°	11.7	5.6
70°-80°	5.6	2.7
80°-90°	1.1	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°	110.4	52.6
0°-40°	146.4	69.7
0°-60°	191.7	91.3
0°-90°	210.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	210.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	250	
5°	236	21
15°	162	45
25°	96	44
35°	57	36
45°	34	27
55°	21	19
65°	12	12
75°	5	6
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	249.9
2.5°	246.5
5°	236.3
7.5°	220.8
10°	202.3
12.5°	181.9
15°	161.6
17.5°	141.5
20°	124.2
22.5°	109.1
25°	95.5
27.5°	83.8
30°	74.0
32.5°	64.9
35°	57.0
37.5°	50.2
40°	44.2
42.5°	38.9
45°	34.3
47.5°	30.2
50°	26.4
52.5°	23.4
55°	20.8
57.5°	18.1
60°	15.9
62.5°	13.6
65°	11.7
67.5°	9.8
70°	8.3
72.5°	6.8
75°	5.3
77.5°	3.8
80°	2.6
82.5°	1.5
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)