

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: P1262225

Luminaire Tested: P3AS09R209727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262225
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

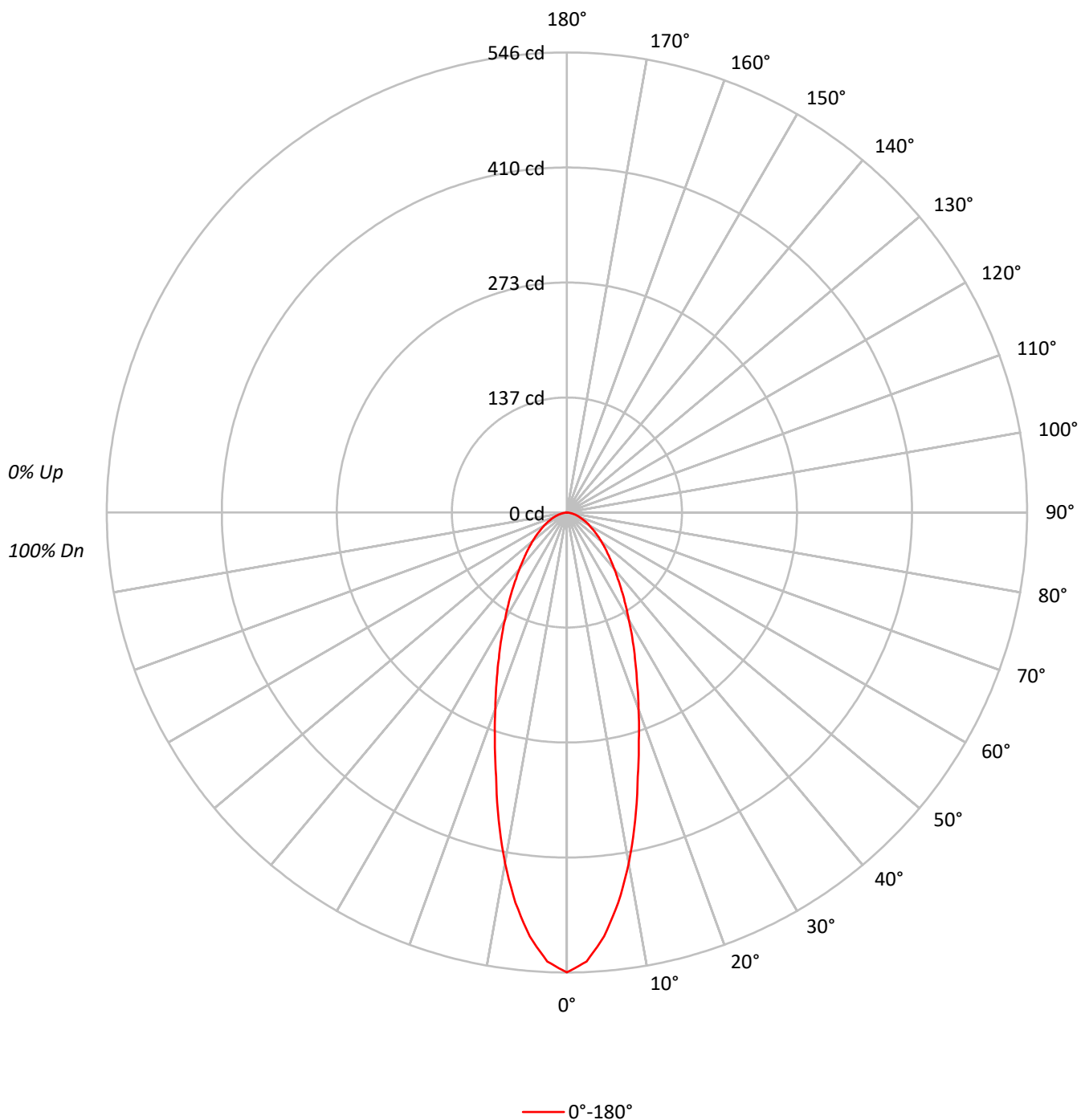
Lumens per Lamp: N/A
Luminaire Lumens: 422.1 lumens
Efficiency: N/A
Efficacy: 38.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	63	57	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	119683
5°	111182
10°	94142
15°	73689
20°	58012
25°	46237
30°	37170
35°	30303
40°	25076
45°	21118
50°	18115
55°	15560
60°	13595
65°	11934
70°	10194
75°	8981
80°	6693
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21118 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.6	10.8
10°-20°	90.9	21.5
20°-30°	88.3	20.9
30°-40°	71.3	16.9
40°-50°	53.0	12.6
50°-60°	36.8	8.7
60°-70°	23.1	5.5
70°-80°	11.2	2.7
80°-90°	1.9	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°	224.7	53.2
0°-40°	296.0	70.1
0°-60°	385.9	91.4
0°-90°	422.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	422.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	546	
5°	505	46
15°	325	91
25°	191	88
35°	113	71
45°	68	53
55°	41	37
65°	23	23
75°	11	11
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	545.8
2.5°	533.4
5°	505.1
7.5°	467.1
10°	422.8
12.5°	374.2
15°	324.6
17.5°	283.9
20°	248.6
22.5°	217.6
25°	191.1
27.5°	168.1
30°	146.8
32.5°	129.1
35°	113.2
37.5°	99.1
40°	87.6
42.5°	77.0
45°	68.1
47.5°	60.2
50°	53.1
52.5°	46.9
55°	40.7
57.5°	35.4
60°	31.0
62.5°	27.4
65°	23.0
67.5°	19.5
70°	15.9
72.5°	13.3
75°	10.6
77.5°	8.0
80°	5.3
82.5°	2.7
85°	1.8
87.5°	0.0
90°	0.0

(END OF REPORT)