

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: P1261500

Luminaire Tested: P3AS02R309727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261500
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

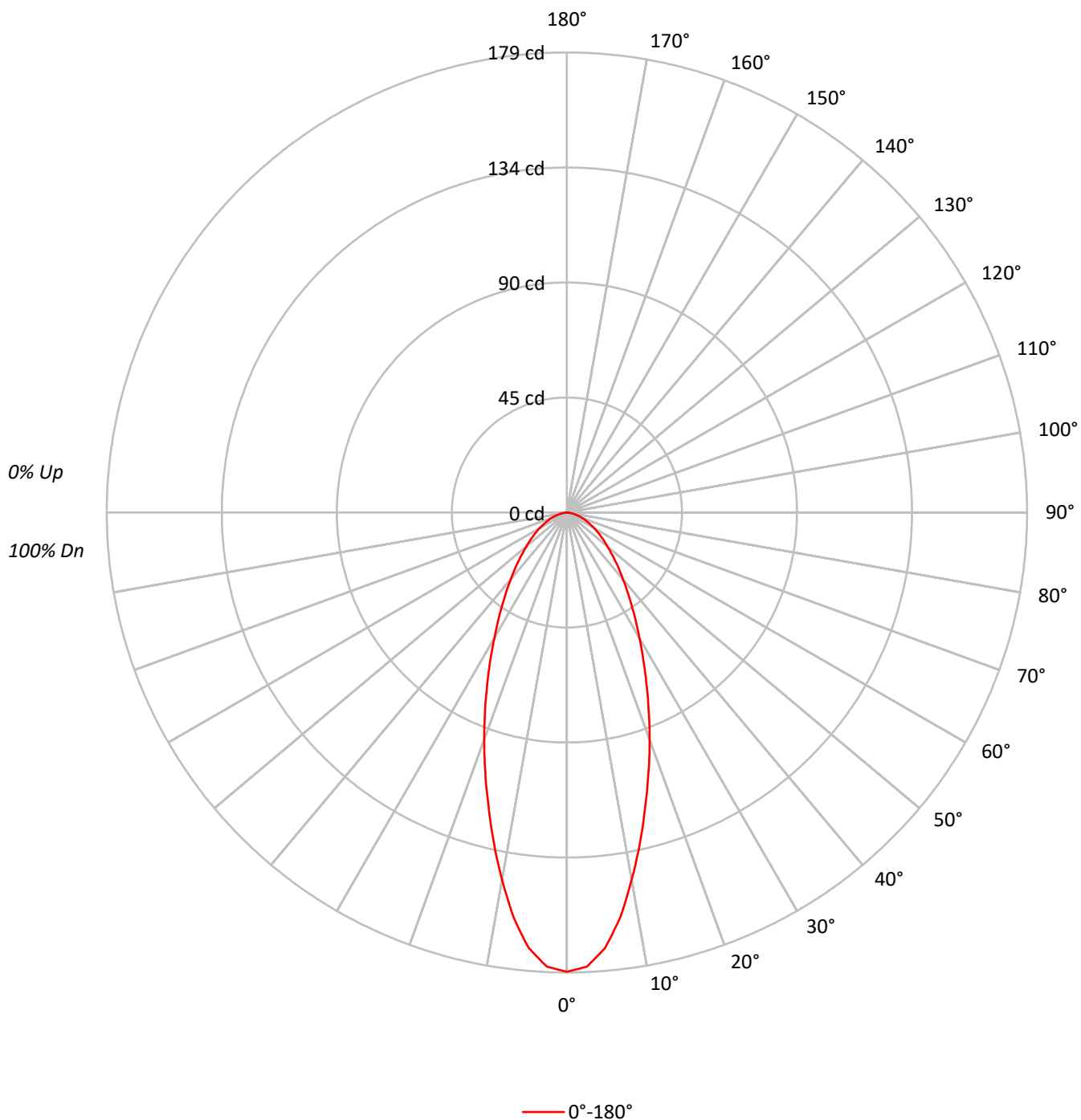
Lumens per Lamp: N/A
Luminaire Lumens: 159.0 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97		98	96	94		94	93	91	90
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80	76	73	71
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74	70	66	65
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60	55	51	50
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56	51	48	46
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53	48	44	43
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50	45	42	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39185
5°	37442
10°	32308
15°	26765
20°	21959
25°	17687
30°	14255
35°	11671
40°	9704
45°	8218
50°	7027
55°	6079
60°	5438
65°	4722
70°	4167
75°	3474
80°	2652
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8218 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.4	9.7
10°-20°	32.9	20.7
20°-30°	33.7	21.2
30°-40°	27.5	17.3
40°-50°	20.6	13.0
50°-60°	14.5	9.1
60°-70°	9.1	5.7
70°-80°	4.4	2.8
80°-90°	0.9	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°	82.0	51.6
0°-40°	109.6	68.9
0°-60°	144.6	91.0
0°-90°	159.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	159.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	179	
5°	170	15
15°	118	33
25°	73	34
35°	44	28
45°	26	21
55°	16	14
65°	9	9
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	178.7
2.5°	176.9
5°	170.1
7.5°	158.9
10°	145.1
12.5°	131.5
15°	117.9
17.5°	105.6
20°	94.1
22.5°	83.1
25°	73.1
27.5°	64.3
30°	56.3
32.5°	49.8
35°	43.6
37.5°	38.6
40°	33.9
42.5°	30.1
45°	26.5
47.5°	23.3
50°	20.6
52.5°	18.3
55°	15.9
57.5°	14.2
60°	12.4
62.5°	10.6
65°	9.1
67.5°	7.7
70°	6.5
72.5°	5.3
75°	4.1
77.5°	2.9
80°	2.1
82.5°	1.2
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)