

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: P1270900

Luminaire Tested: P3AS02R259827DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270900
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: P3AS02R259827DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

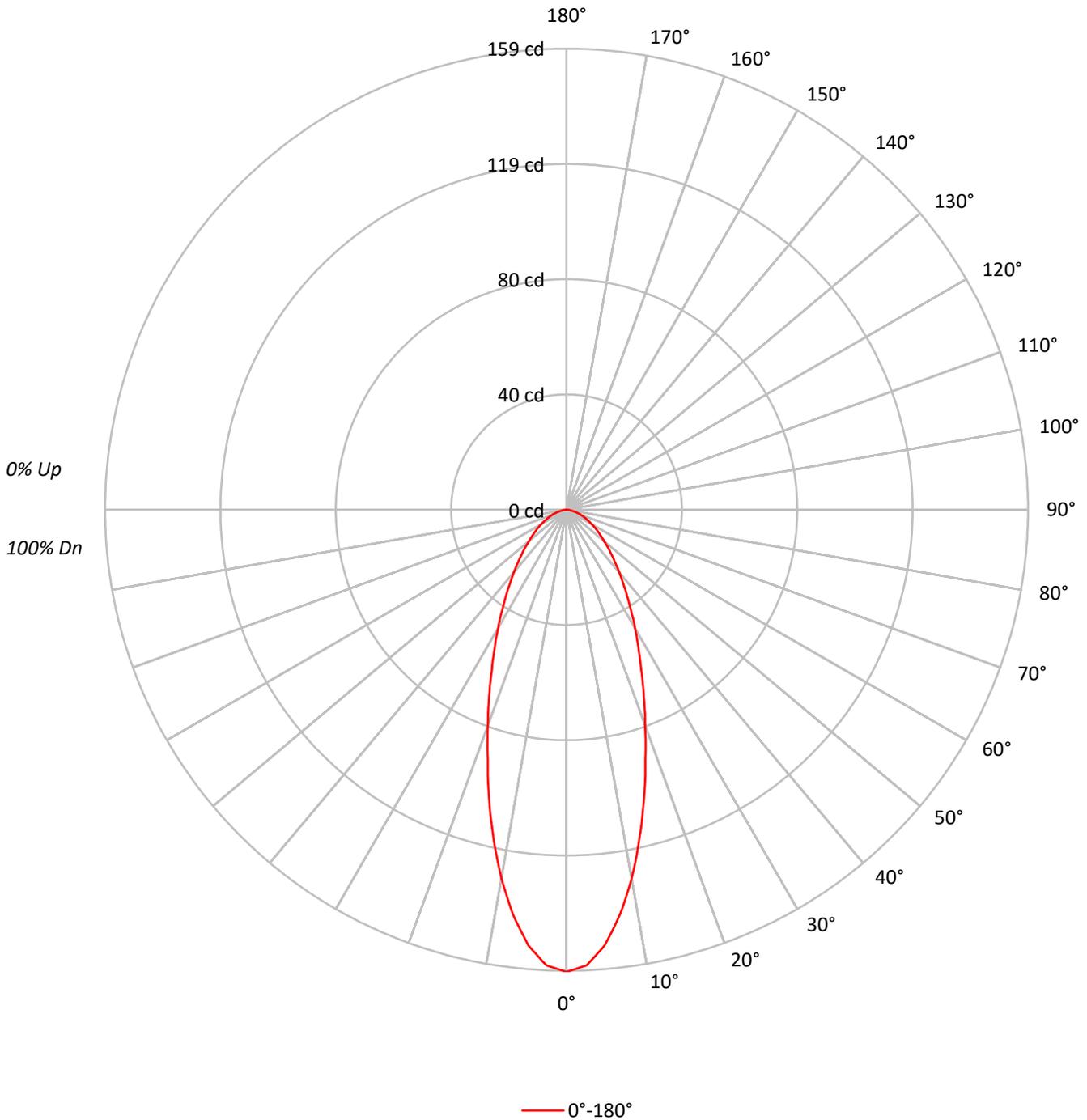
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 134.0 lumens
Efficiency: N/A
Efficacy: 37.2 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 (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
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	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65		
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59		
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55		
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47		
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	34953
5°	33194
10°	28746
15°	23405
20°	18482
25°	14735
30°	11951
35°	9744
40°	8072
45°	6791
50°	5765
55°	5046
60°	4429
65°	3891
70°	3398
75°	2881
80°	2147
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6791 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.7	10.2
10°-20°	28.6	21.3
20°-30°	28.2	21.0
30°-40°	22.9	17.1
40°-50°	17.0	12.7
50°-60°	11.9	8.9
60°-70°	7.5	5.6
70°-80°	3.6	2.7
80°-90°	0.7	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°	70.4	52.6
0°-40°	93.4	69.7
0°-60°	122.3	91.2
0°-90°	134.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	134.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	159	
5°	151	14
15°	103	29
25°	61	28
35°	36	23
45°	22	17
55°	13	12
65°	8	7
75°	3	4
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	159.4
2.5°	157.3
5°	150.8
7.5°	140.9
10°	129.1
12.5°	116.1
15°	103.1
17.5°	90.3
20°	79.2
22.5°	69.6
25°	60.9
27.5°	53.5
30°	47.2
32.5°	41.4
35°	36.4
37.5°	32.0
40°	28.2
42.5°	24.8
45°	21.9
47.5°	19.3
50°	16.9
52.5°	14.9
55°	13.2
57.5°	11.6
60°	10.1
62.5°	8.7
65°	7.5
67.5°	6.3
70°	5.3
72.5°	4.3
75°	3.4
77.5°	2.4
80°	1.7
82.5°	1.0
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)