

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: P1272970

Luminaire Tested: P3A02R259830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272970
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: P3A02R259830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

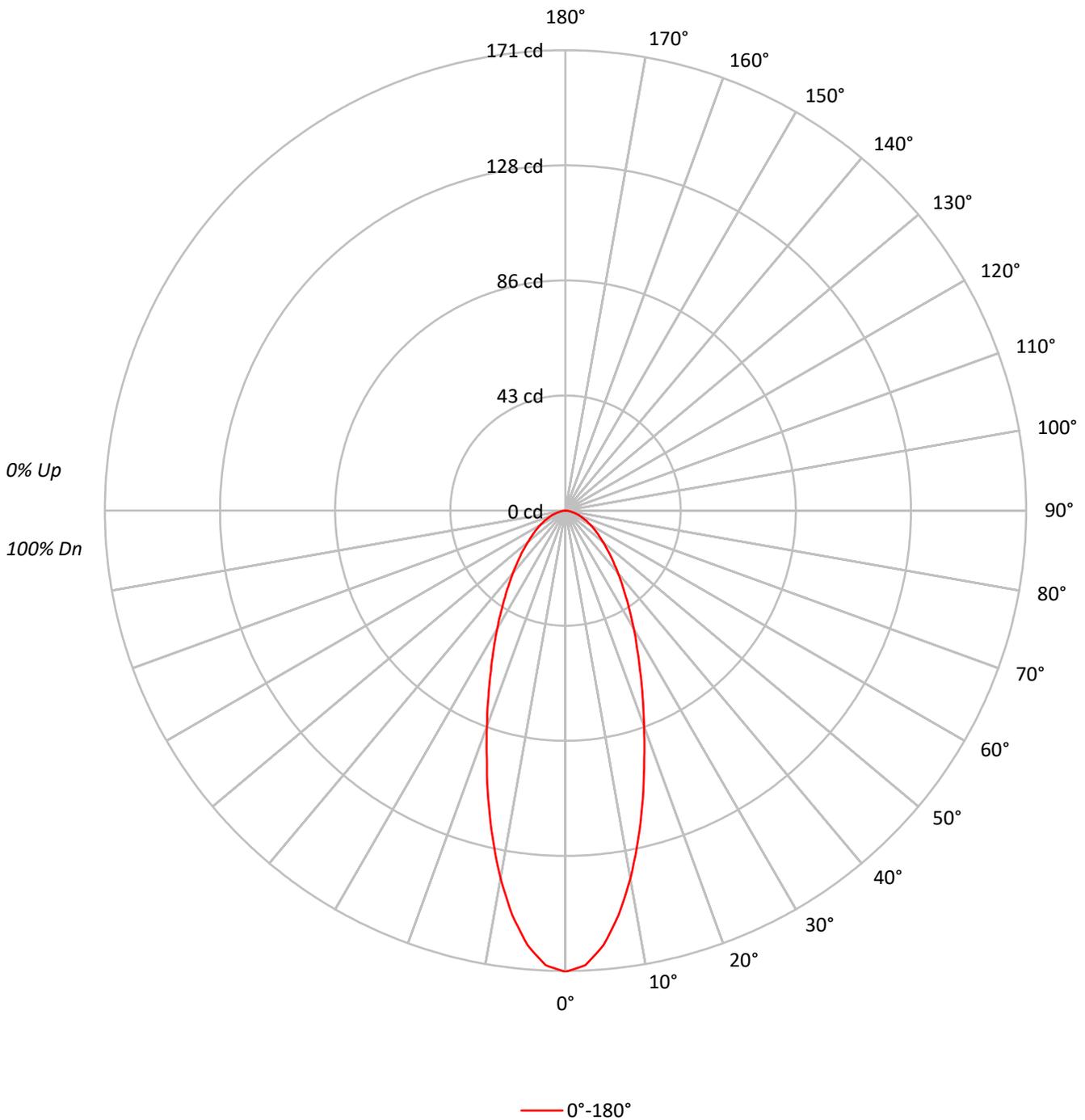
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 144.0 lumens
Efficiency: N/A
Efficacy: 40.0 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	100	100	100	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80	80	80	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72	72	72	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65	65	65	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59	59	59	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55	55	55	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50	50	50	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47	47	47	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44	44	44	44
10	65	54	47	43	64	53	47	43	53	47	43	52	46	43	51	46	42	41	41	41	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37563
5°	35659
10°	30883
15°	25153
20°	19882
25°	15848
30°	12837
35°	10467
40°	8673
45°	7319
50°	6175
55°	5429
60°	4780
65°	4151
70°	3654
75°	3050
80°	2273
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7319 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.7	10.2
10°-20°	30.7	21.3
20°-30°	30.3	21.0
30°-40°	24.6	17.1
40°-50°	18.3	12.7
50°-60°	12.7	8.9
60°-70°	8.0	5.5
70°-80°	3.9	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°	75.7	52.6
0°-40°	100.4	69.7
0°-60°	131.4	91.3
0°-90°	144.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	144.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	171	
5°	162	15
15°	111	31
25°	66	30
35°	39	25
45°	24	18
55°	14	13
65°	8	8
75°	4	4
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	171.3
2.5°	169.0
5°	162.0
7.5°	151.4
10°	138.7
12.5°	124.8
15°	110.8
17.5°	97.1
20°	85.2
22.5°	74.8
25°	65.5
27.5°	57.5
30°	50.7
32.5°	44.5
35°	39.1
37.5°	34.4
40°	30.3
42.5°	26.7
45°	23.6
47.5°	20.7
50°	18.1
52.5°	16.0
55°	14.2
57.5°	12.4
60°	10.9
62.5°	9.3
65°	8.0
67.5°	6.7
70°	5.7
72.5°	4.7
75°	3.6
77.5°	2.6
80°	1.8
82.5°	1.0
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)