

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: P1261056

Luminaire Tested: P3AS24R309050D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261056
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: P3AS24R309050D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

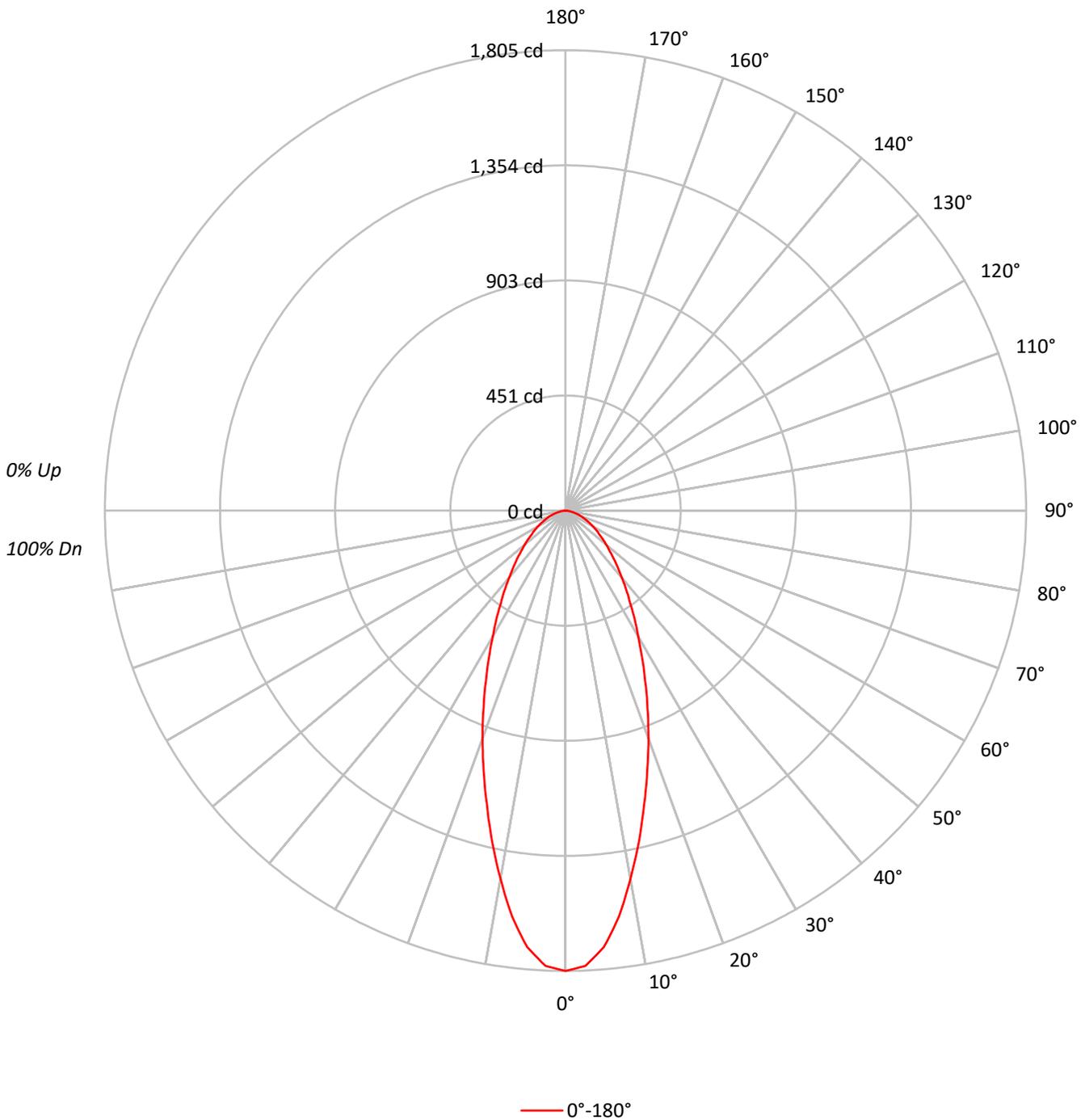
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1606.0 lumens
Efficiency: N/A
Efficacy: 55.8 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): 28.8
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	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°	395736
5°	378251
10°	326246
15°	270422
20°	221686
25°	178704
30°	144022
35°	117999
40°	98041
45°	83109
50°	71128
55°	61475
60°	54864
65°	47891
70°	41994
75°	35330
80°	26266
85°	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 83109 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.8	9.7
10°-20°	332.2	20.7
20°-30°	340.5	21.2
30°-40°	278.3	17.3
40°-50°	208.2	13.0
50°-60°	146.2	9.1
60°-70°	92.0	5.7
70°-80°	44.3	2.8
80°-90°	8.5	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°	828.4	51.6
0°-40°	1106.8	68.9
0°-60°	1461.2	91.0
0°-90°	1606.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1606.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1805	
5°	1718	156
15°	1191	332
25°	739	340
35°	441	278
45°	268	208
55°	161	146
65°	92	92
75°	42	44
85°	6	9
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1804.7
2.5°	1786.9
5°	1718.4
7.5°	1605.2
10°	1465.2
12.5°	1328.2
15°	1191.2
17.5°	1066.2
20°	950.0
22.5°	839.8
25°	738.6
27.5°	649.2
30°	568.8
32.5°	503.3
35°	440.8
37.5°	390.1
40°	342.5
42.5°	303.8
45°	268.0
47.5°	235.3
50°	208.5
52.5°	184.6
55°	160.8
57.5°	142.9
60°	125.1
62.5°	107.2
65°	92.3
67.5°	77.4
70°	65.5
72.5°	53.6
75°	41.7
77.5°	29.8
80°	20.8
82.5°	11.9
85°	6.0
87.5°	3.0
90°	0.0

(END OF REPORT)