

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: P1260711

Luminaire Tested: P3AS20R309050D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260711
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: P3AS20R309050D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

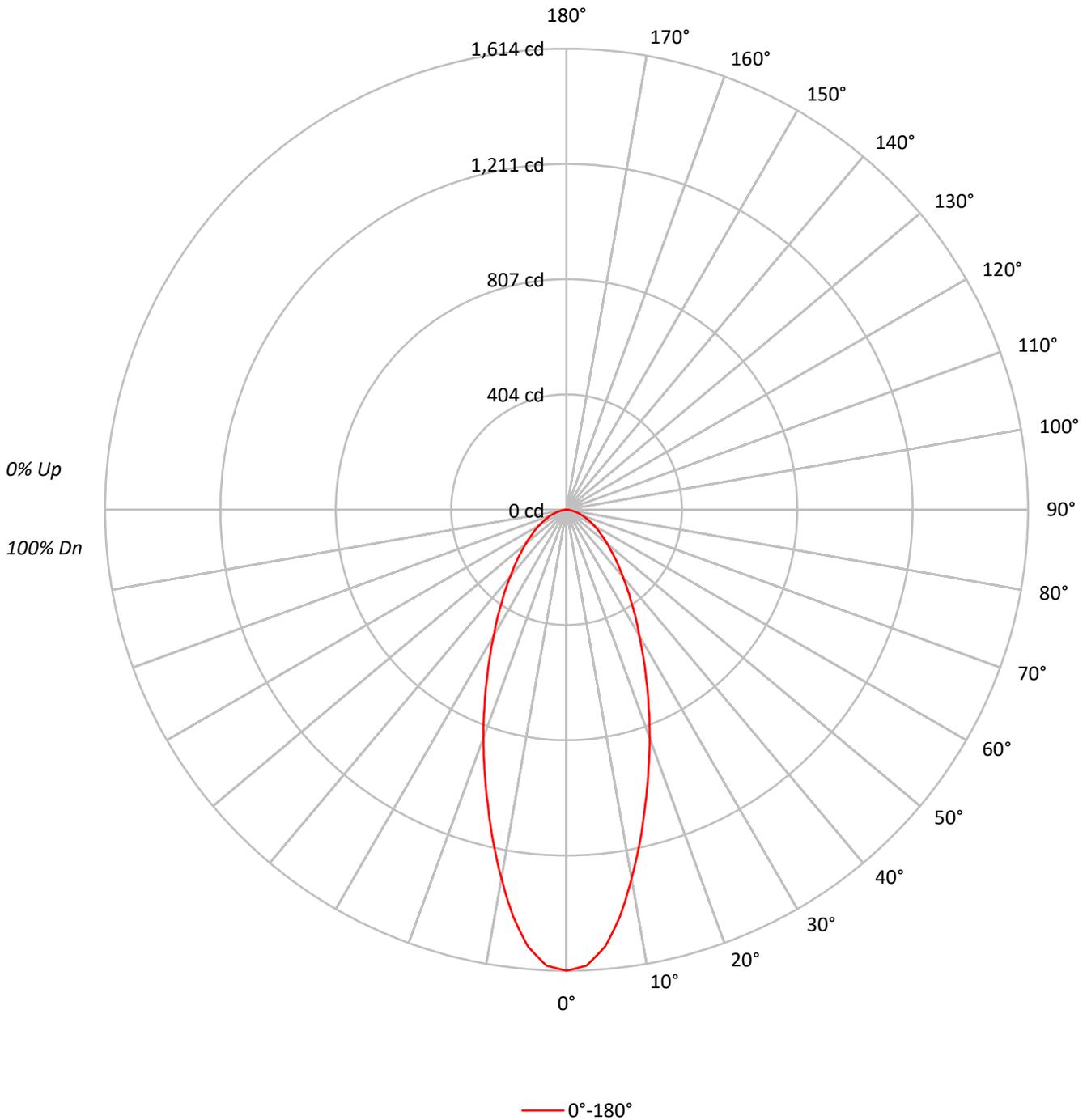
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1436.0 lumens
Efficiency: N/A
Efficacy: 49.9 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
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°	353853
5°	338212
10°	291711
15°	241795
20°	198234
25°	159783
30°	128779
35°	105498
40°	87650
45°	74333
50°	63589
55°	54975
60°	49031
65°	42806
70°	37570
75°	31602
80°	23488
85°	13335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 74333 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.3	9.7
10°-20°	297.0	20.7
20°-30°	304.4	21.2
30°-40°	248.8	17.3
40°-50°	186.1	13.0
50°-60°	130.7	9.1
60°-70°	82.2	5.7
70°-80°	39.6	2.8
80°-90°	7.6	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°	740.8	51.6
0°-40°	989.6	68.9
0°-60°	1306.5	91.0
0°-90°	1436.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1436.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1614	
5°	1536	139
15°	1065	297
25°	660	304
35°	394	249
45°	240	186
55°	144	131
65°	82	82
75°	37	40
85°	5	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1613.7
2.5°	1597.7
5°	1536.5
7.5°	1435.3
10°	1310.1
12.5°	1187.6
15°	1065.1
17.5°	953.3
20°	849.5
22.5°	750.9
25°	660.4
27.5°	580.5
30°	508.6
32.5°	450.0
35°	394.1
37.5°	348.8
40°	306.2
42.5°	271.6
45°	239.7
47.5°	210.4
50°	186.4
52.5°	165.1
55°	143.8
57.5°	127.8
60°	111.8
62.5°	95.9
65°	82.5
67.5°	69.2
70°	58.6
72.5°	47.9
75°	37.3
77.5°	26.6
80°	18.6
82.5°	10.7
85°	5.3
87.5°	2.7
90°	0.0

(END OF REPORT)