

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: P1252981

Luminaire Tested: P3AS24R209030D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209030D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

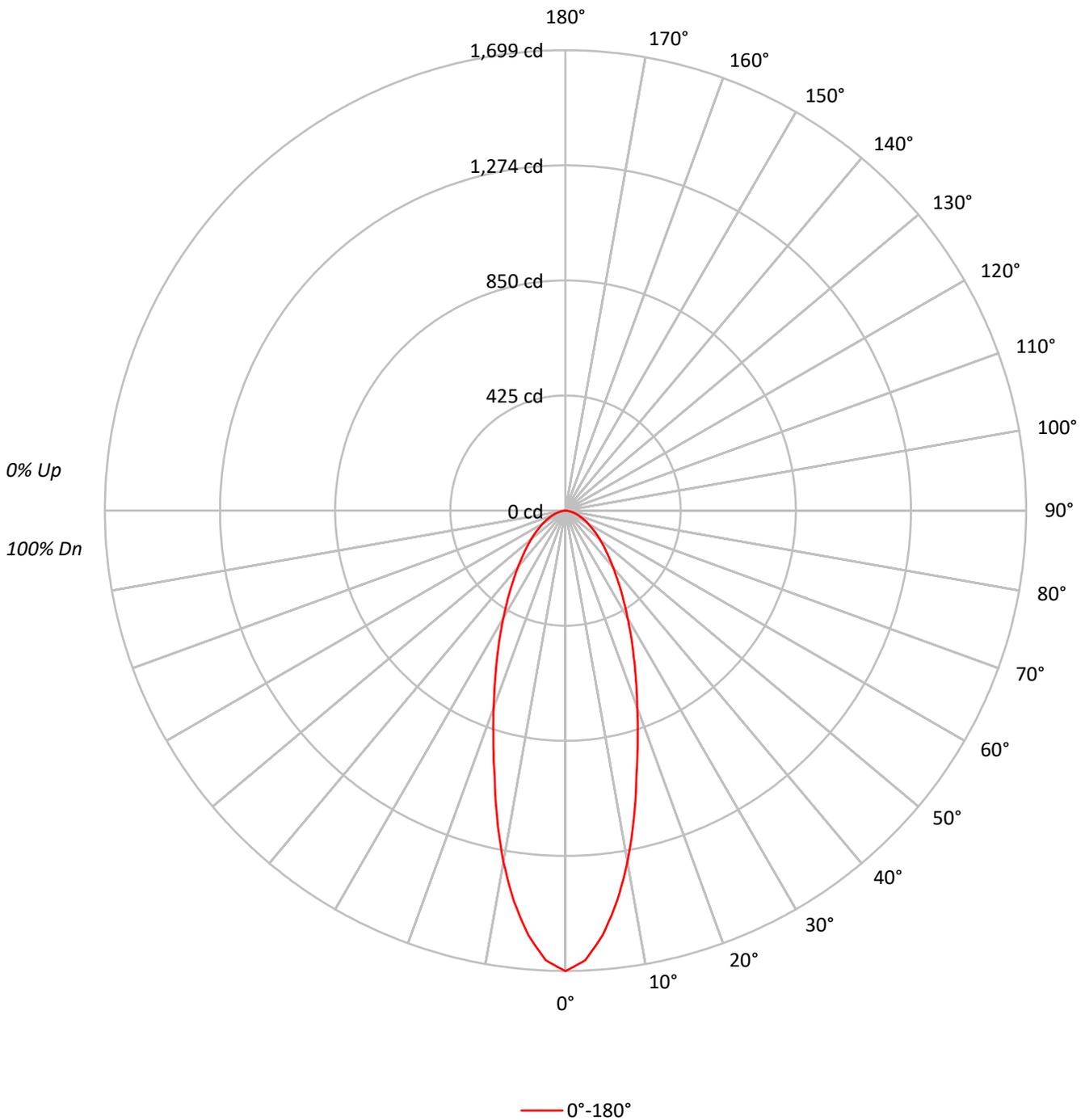
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1314.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
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	100	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74	72	72	72	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60	60
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55	55	55	55
7	76	66	59	54	75	65	58	53	63	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	47	47	47	47
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43	41	41	41	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	372646
5°	346180
10°	293159
15°	229468
20°	180616
25°	143936
30°	115765
35°	94388
40°	78061
45°	65774
50°	56390
55°	48438
60°	42277
65°	37151
70°	31800
75°	28043
80°	20836
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 65774 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.0	10.8
10°-20°	283.0	21.5
20°-30°	274.8	20.9
30°-40°	222.0	16.9
40°-50°	165.0	12.6
50°-60°	114.6	8.7
60°-70°	71.8	5.5
70°-80°	34.8	2.7
80°-90°	6.0	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°	699.8	53.3
0°-40°	921.8	70.1
0°-60°	1201.4	91.4
0°-90°	1314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1699	
5°	1573	142
15°	1011	283
25°	595	275
35°	353	222
45°	212	165
55°	127	115
65°	72	72
75°	33	35
85°	6	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1699.4
2.5°	1660.9
5°	1572.7
7.5°	1454.3
10°	1316.6
12.5°	1165.1
15°	1010.8
17.5°	884.1
20°	774.0
22.5°	677.6
25°	594.9
27.5°	523.3
30°	457.2
32.5°	402.1
35°	352.6
37.5°	308.5
40°	272.7
42.5°	239.6
45°	212.1
47.5°	187.3
50°	165.3
52.5°	146.0
55°	126.7
57.5°	110.2
60°	96.4
62.5°	85.4
65°	71.6
67.5°	60.6
70°	49.6
72.5°	41.3
75°	33.1
77.5°	24.8
80°	16.5
82.5°	8.3
85°	5.5
87.5°	0.0
90°	0.0

(END OF REPORT)