

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: P1258115

Luminaire Tested: P3AS20R309040D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258115
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309040D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

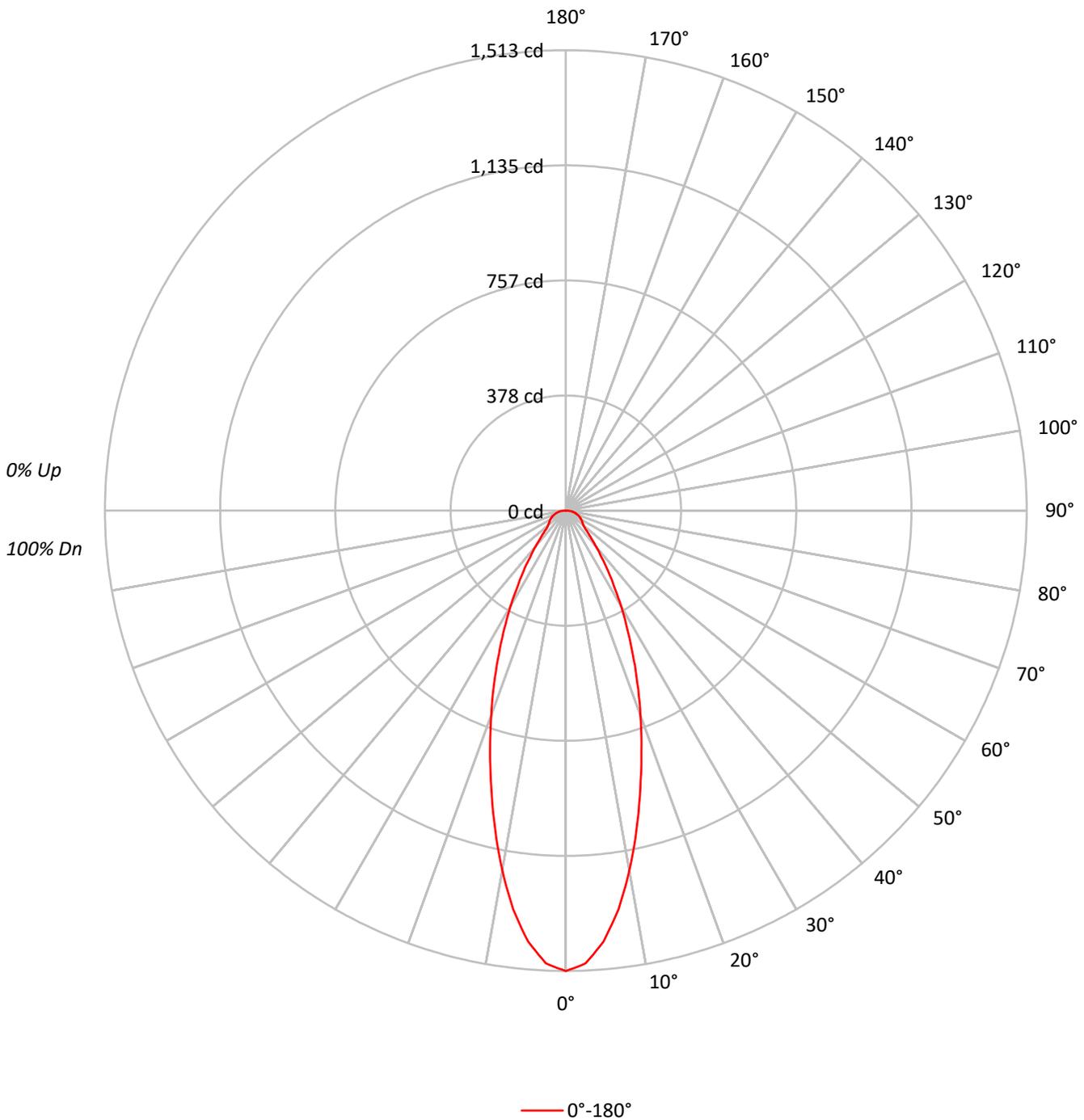
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1022.0 lumens
Efficiency: N/A
Efficacy: 35.5 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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				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	94	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59	59	59	59
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55	55	55	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51	51	51	51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	331816
5°	312876
10°	267441
15°	214326
20°	167081
25°	125644
30°	91634
35°	64594
40°	44283
45°	31724
50°	25961
55°	25079
60°	25305
65°	25839
70°	26928
75°	28891
80°	29802
85°	32959

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 35279 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.6	12.6
10°-20°	262.3	25.7
20°-30°	239.0	23.4
30°-40°	152.1	14.9
40°-50°	81.4	8.0
50°-60°	59.6	5.8
60°-70°	50.0	4.9
70°-80°	35.0	3.4
80°-90°	13.9	1.4
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°	630.0	61.6
0°-40°	782.1	76.5
0°-60°	923.1	90.3
0°-90°	1022.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1022.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1513	
5°	1421	129
15°	944	262
25°	519	239
35°	241	152
45°	102	81
55°	66	60
65°	50	50
75°	34	35
85°	13	14
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1513.2
2.5°	1489.6
5°	1421.4
7.5°	1321.8
10°	1201.1
12.5°	1072.6
15°	944.1
17.5°	826.1
20°	716.0
22.5°	613.7
25°	519.3
27.5°	435.4
30°	361.9
32.5°	293.7
35°	241.3
37.5°	191.4
40°	154.7
42.5°	123.3
45°	102.3
47.5°	83.9
50°	76.1
52.5°	70.8
55°	65.6
57.5°	62.9
60°	57.7
62.5°	55.1
65°	49.8
67.5°	47.2
70°	42.0
72.5°	36.7
75°	34.1
77.5°	28.8
80°	23.6
82.5°	21.0
85°	13.1
87.5°	5.2
90°	0.0

(END OF REPORT)