

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: P1255451

Luminaire Tested: P3AS20R409035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255451
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R409035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

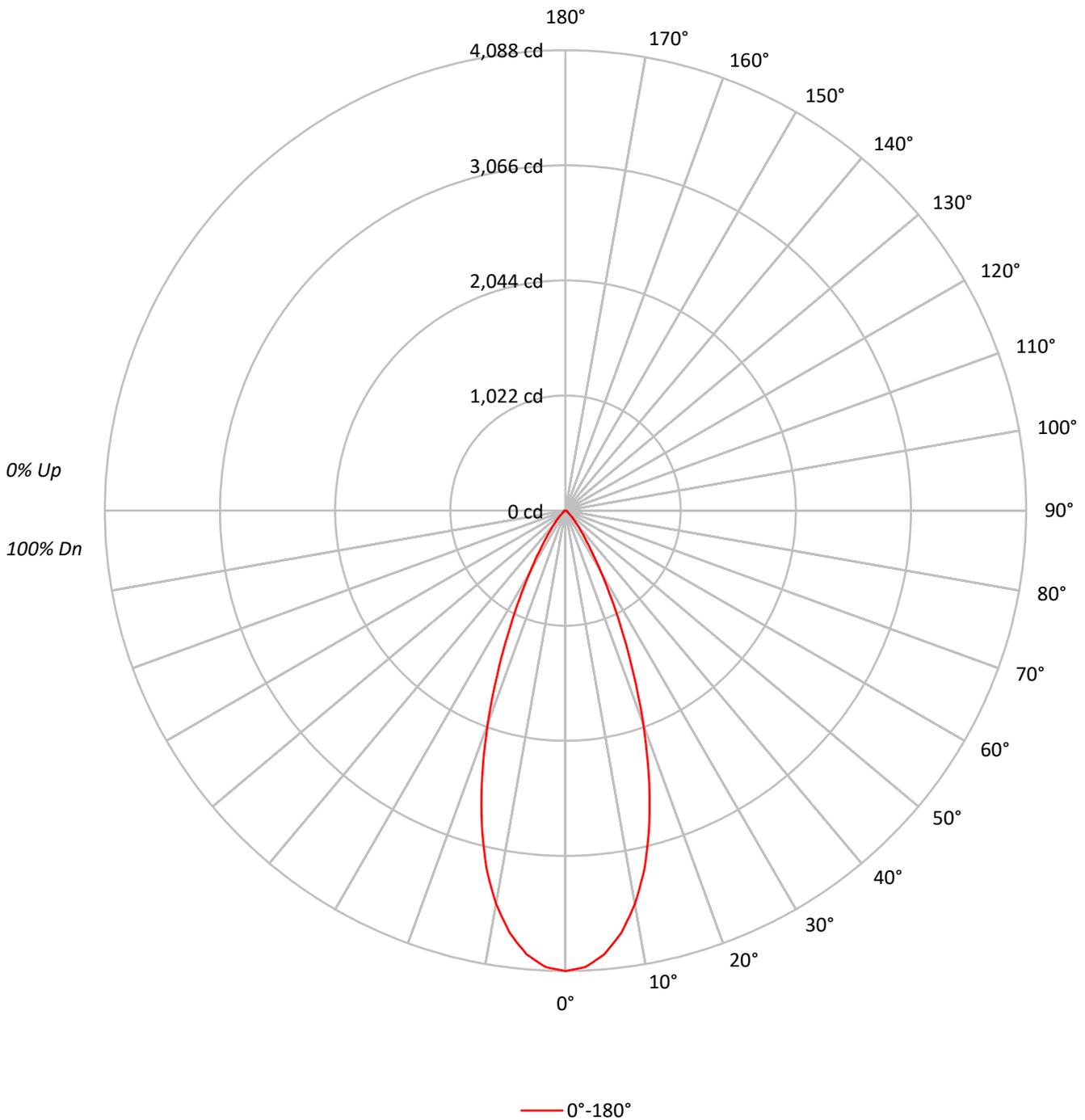
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2026.0 lumens
Efficiency: N/A
Efficacy: 70.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94	94	94	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89	89	89	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84	84	84	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80	80	80	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76	76	76	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72	72	72	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65	65	65	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63	63	63	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60	60	60	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	896485
5°	870436
10°	789899
15°	652558
20°	470721
25°	291162
30°	157645
35°	81459
40°	44312
45°	24809
50°	12452
55°	9290
60°	8377
65°	8146
70°	7822
75°	7371
80°	6566
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 24809 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	364.5	18.0
10°-20°	782.7	38.6
20°-30°	558.6	27.6
30°-40°	205.6	10.1
40°-50°	64.8	3.2
50°-60°	22.5	1.1
60°-70°	15.5	0.8
70°-80°	9.2	0.5
80°-90°	2.6	0.1
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°	1705.8	84.2
0°-40°	1911.5	94.3
0°-60°	1998.7	98.7
0°-90°	2026.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2026.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4088	
5°	3954	365
15°	2874	783
25°	1203	559
35°	304	206
45°	80	65
55°	24	22
65°	16	16
75°	9	9
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	4088.3
2.5°	4057.0
5°	3954.4
7.5°	3784.0
10°	3547.5
12.5°	3246.7
15°	2874.5
17.5°	2457.2
20°	2017.2
22.5°	1584.2
25°	1203.4
27.5°	883.4
30°	622.6
32.5°	436.5
35°	304.3
37.5°	215.6
40°	154.8
42.5°	111.3
45°	80.0
47.5°	53.9
50°	36.5
52.5°	26.1
55°	24.3
57.5°	22.6
60°	19.1
62.5°	17.4
65°	15.7
67.5°	13.9
70°	12.2
72.5°	10.4
75°	8.7
77.5°	7.0
80°	5.2
82.5°	3.5
85°	1.7
87.5°	1.7
90°	0.0

(END OF REPORT)