

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: P1260925

Luminaire Tested: P3AS20R709050D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260925
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709050D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

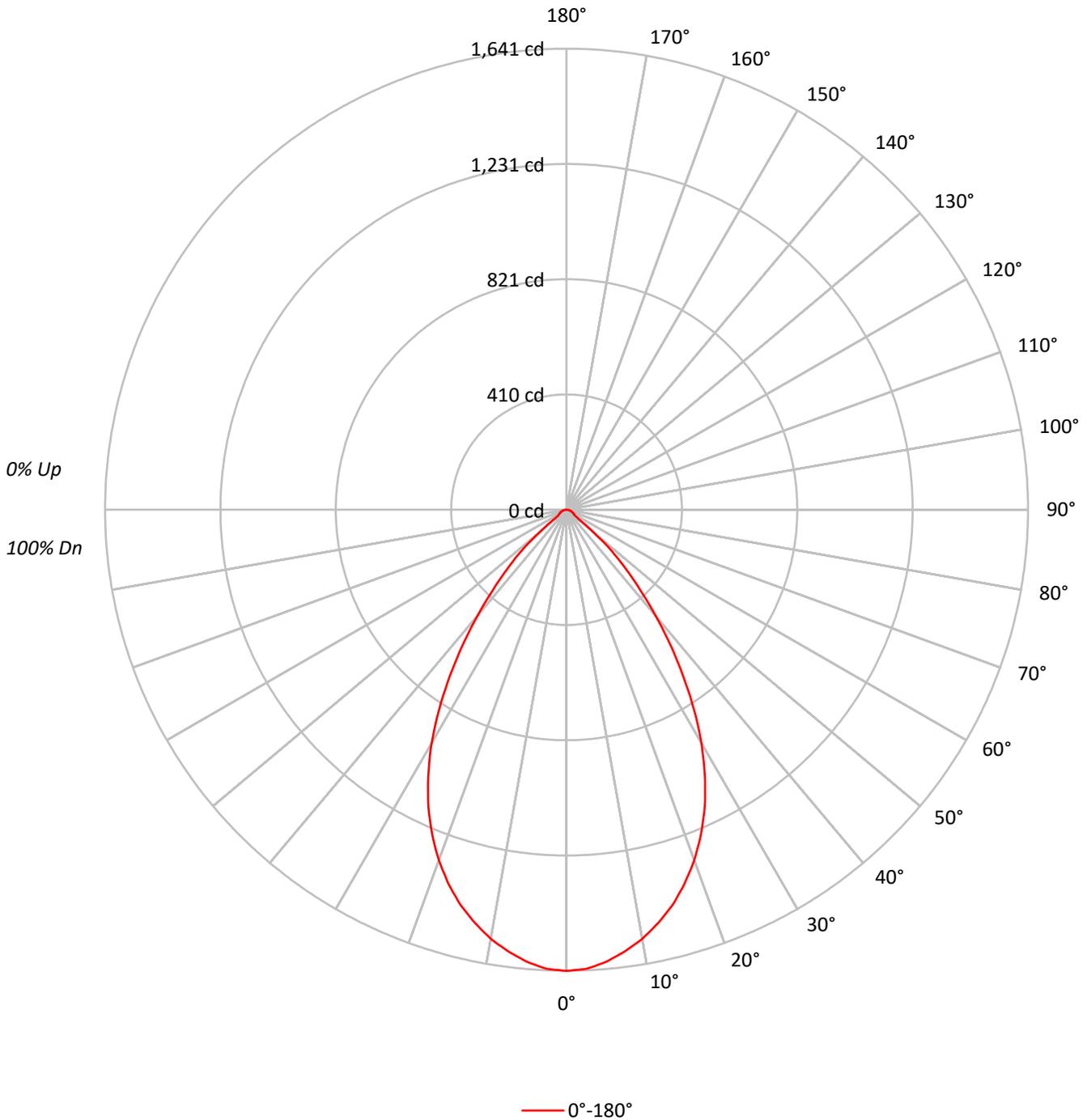
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1859.0 lumens
Efficiency: N/A
Efficacy: 64.5 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
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				
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	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92	92	92	92
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84	84	84	84
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77	77	77	77
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70	70	70	70
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60	60
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48	48
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44	44	44	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	359883
5°	355579
10°	345306
15°	330672
20°	309754
25°	281411
30°	243075
35°	193729
40°	141093
45°	92754
50°	43461
55°	13419
60°	12938
65°	12453
70°	11861
75°	12539
80°	11618
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 92754 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.1	8.2
10°-20°	407.7	21.9
20°-30°	529.8	28.5
30°-40°	449.6	24.2
40°-50°	231.8	12.5
50°-60°	44.7	2.4
60°-70°	24.2	1.3
70°-80°	14.9	0.8
80°-90°	4.2	0.2
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°	1089.6	58.6
0°-40°	1539.2	82.8
0°-60°	1815.7	97.7
0°-90°	1859.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1859.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1641	
5°	1615	152
15°	1457	408
25°	1163	530
35°	724	450
45°	299	232
55°	35	45
65°	24	24
75°	15	15
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1641.2
2.5°	1635.7
5°	1615.4
7.5°	1585.8
10°	1550.8
12.5°	1506.4
15°	1456.6
17.5°	1395.7
20°	1327.4
22.5°	1249.8
25°	1163.1
27.5°	1065.2
30°	960.0
32.5°	843.7
35°	723.7
37.5°	605.5
40°	492.9
42.5°	387.7
45°	299.1
47.5°	219.7
50°	127.4
52.5°	55.4
55°	35.1
57.5°	33.2
60°	29.5
62.5°	27.7
65°	24.0
67.5°	22.2
70°	18.5
72.5°	16.6
75°	14.8
77.5°	11.1
80°	9.2
82.5°	5.5
85°	3.7
87.5°	1.8
90°	0.0

(END OF REPORT)