

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: P1260916

Luminaire Tested: P3AS20R709050D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260916
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709050D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

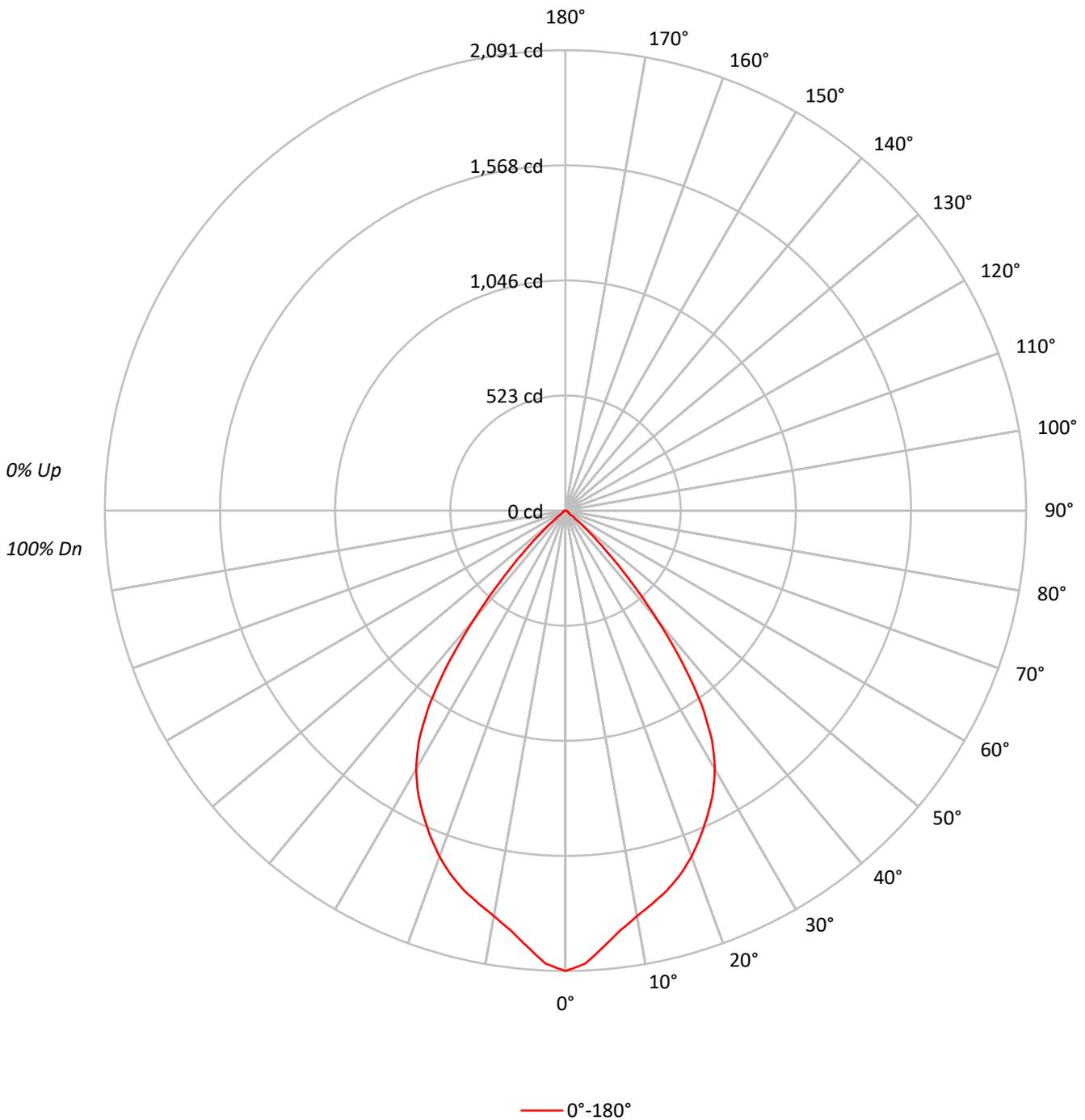
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2308.9 lumens
Efficiency: N/A
Efficacy: 80.2 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
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
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	97	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	82	80	78			78
4	95	87	81	77	94	86	81	76	84	79	75	82	78	75	80	77	74	72			72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	64	59	68	63	59	67	62	59	66	62	58	57			57
8	76	66	59	55	75	65	59	55	64	58	55	63	58	54	62	57	54	53			53
9	72	62	55	51	71	61	55	51	60	55	51	59	54	50	58	54	50	49			49
10	68	58	52	47	67	57	51	47	56	51	47	56	51	47	55	50	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	458494
5°	437507
10°	416269
15°	405133
20°	390167
25°	369263
30°	343445
35°	288519
40°	185948
45°	86428
50°	22652
55°	5658
60°	5657
65°	4774
70°	4744
75°	4660
80°	4672
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 86428 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.1	8.1
10°-20°	501.4	21.7
20°-30°	700.6	30.3
30°-40°	649.6	28.1
40°-50°	232.9	10.1
50°-60°	19.7	0.9
60°-70°	9.8	0.4
70°-80°	6.3	0.3
80°-90°	2.5	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°	1388.1	60.1
0°-40°	2037.7	88.3
0°-60°	2290.3	99.2
0°-90°	2308.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2308.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2091	
5°	1988	186
15°	1785	501
25°	1526	701
35°	1078	650
45°	279	233
55°	15	20
65°	9	10
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2090.9
2.5°	2059.6
5°	1987.6
7.5°	1921.2
10°	1869.5
12.5°	1827.0
15°	1784.6
17.5°	1732.9
20°	1672.0
22.5°	1601.9
25°	1526.2
27.5°	1448.7
30°	1356.4
32.5°	1238.3
35°	1077.8
37.5°	872.9
40°	649.6
42.5°	442.9
45°	278.7
47.5°	155.0
50°	66.4
52.5°	22.1
55°	14.8
57.5°	12.9
60°	12.9
62.5°	11.1
65°	9.2
67.5°	9.2
70°	7.4
72.5°	7.4
75°	5.5
77.5°	5.5
80°	3.7
82.5°	3.7
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)