

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: P1252096

Luminaire Tested: P3AS13R559030DE010 E3CD1MMS

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252096
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-36)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R559030DE010 E3CD1MMS
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3CD1MMS TRIM
Light Source: -
Ballast/Driver: -

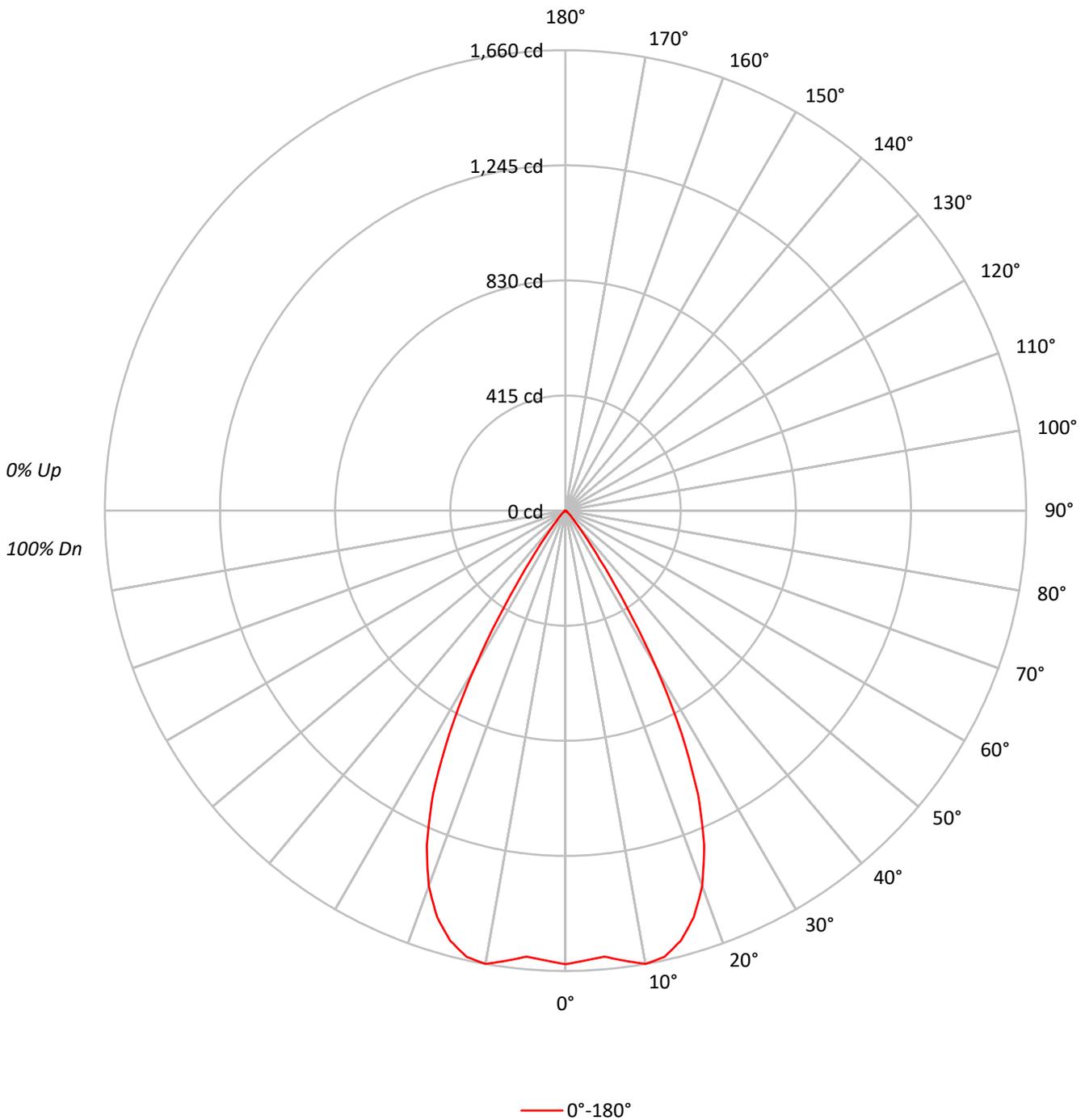
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1293.0 lumens
Efficiency: N/A
Efficacy: 88.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	114	111	109	107	112	109	107	105	105	104	102	101	100	99	98	97	96	94			94
2	109	104	101	98	107	103	99	96	100	97	94	97	94	92	94	92	90	89			89
3	104	98	94	90	102	97	93	89	94	91	88	92	89	86	90	87	85	84			84
4	99	92	87	84	98	91	87	83	89	85	82	87	84	81	86	83	80	79			79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74			74
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	72	70			70
7	87	78	73	69	85	78	72	69	76	72	68	75	71	68	74	70	68	66			66
8	83	74	69	65	82	74	69	65	73	68	65	72	67	64	71	67	64	63			63
9	79	71	65	61	78	70	65	61	69	64	61	68	64	61	68	64	61	60			60
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57			57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	358612
5°	355293
10°	369555
15°	364429
20°	336053
25°	273427
30°	166076
35°	57500
40°	16402
45°	7846
50°	3309
55°	1491
60°	1710
65°	1505
70°	1218
75°	1610
80°	1263
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7846 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.0	12.1
10°-20°	446.2	34.5
20°-30°	497.4	38.5
30°-40°	162.7	12.6
40°-50°	21.4	1.7
50°-60°	4.5	0.4
60°-70°	2.6	0.2
70°-80°	1.6	0.1
80°-90°	0.4	0.0
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°	1099.6	85.0
0°-40°	1262.3	97.6
0°-60°	1288.3	99.6
0°-90°	1293.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1293.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1635	
5°	1614	156
15°	1605	446
25°	1130	497
35°	215	163
45°	25	21
55°	4	5
65°	3	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1635.4
2.5°	1623.8
5°	1614.1
7.5°	1637.4
10°	1659.7
12.5°	1648.1
15°	1605.3
17.5°	1537.3
20°	1440.1
22.5°	1306.0
25°	1130.1
27.5°	906.6
30°	655.9
32.5°	402.3
35°	214.8
37.5°	108.8
40°	57.3
42.5°	36.9
45°	25.3
47.5°	17.5
50°	9.7
52.5°	5.8
55°	3.9
57.5°	3.9
60°	3.9
62.5°	2.9
65°	2.9
67.5°	1.9
70°	1.9
72.5°	1.9
75°	1.9
77.5°	1.0
80°	1.0
82.5°	1.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)