

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: P1252959

Luminaire Tested: P3AS24R209030D010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252959
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209030D010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

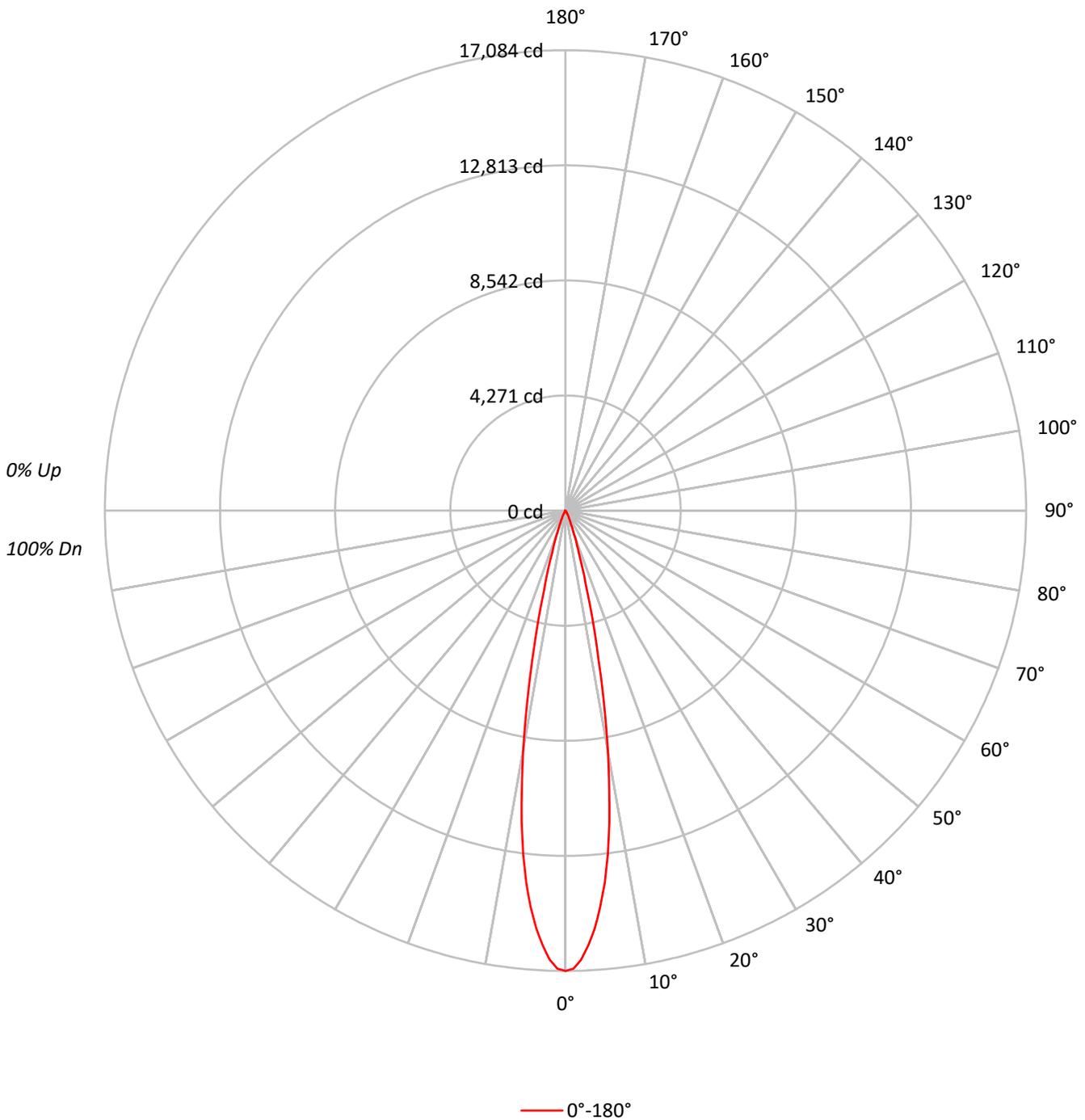
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2411.9 lumens
Efficiency: N/A
Efficacy: 83.7 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
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	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	98	98	98	98
2	112	109	107	104	110	108	105	103	104	103	101	102	100	99	99	98	97	97	97	97	95
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	95	95	95	93
4	107	102	99	96	105	101	98	96	99	97	95	97	95	93	96	94	92	92	92	92	91
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	91	91	91	90
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	89	89	89	88
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	87	87	87	86
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	85	85	85	85
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	84	84	84	83
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	87	84	82	82	82	82	82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	3746103
5°	3251499
10°	2009070
15°	697802
20°	214289
25°	75754
30°	28030
35°	11243
40°	6011
45°	2357
50°	1296
55°	1453
60°	1667
65°	986
70°	1218
75°	1610
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2357 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1225.9	50.8
10°-20°	972.7	40.3
20°-30°	168.4	7.0
30°-40°	30.6	1.3
40°-50°	7.0	0.3
50°-60°	3.4	0.1
60°-70°	2.1	0.1
70°-80°	1.8	0.1
80°-90°	0.0	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°	2367.0	98.1
0°-40°	2397.6	99.4
0°-60°	2408.1	99.8
0°-90°	2411.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2411.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	17084	
5°	14772	###
15°	3074	973
25°	313	168
35°	42	31
45°	8	7
55°	4	3
65°	2	2
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	17083.6
1°	17001.5
2°	16677.0
3°	16155.8
4°	15544.8
5°	14771.6
6°	13885.7
7°	12854.7
8°	11680.6
9°	10361.3
10°	9022.9
12.5°	5691.4
15°	3073.8
17.5°	1641.9
20°	918.3
22.5°	525.0
25°	313.1
27.5°	190.9
30°	110.7
32.5°	64.9
35°	42.0
37.5°	28.6
40°	21.0
42.5°	13.4
45°	7.6
47.5°	3.8
50°	3.8
52.5°	3.8
55°	3.8
57.5°	3.8
60°	3.8
62.5°	1.9
65°	1.9
67.5°	1.9
70°	1.9
72.5°	1.9
75°	1.9
77.5°	1.9
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)