

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: P1258040

Luminaire Tested: P3AS20R209040D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258040
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209040D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

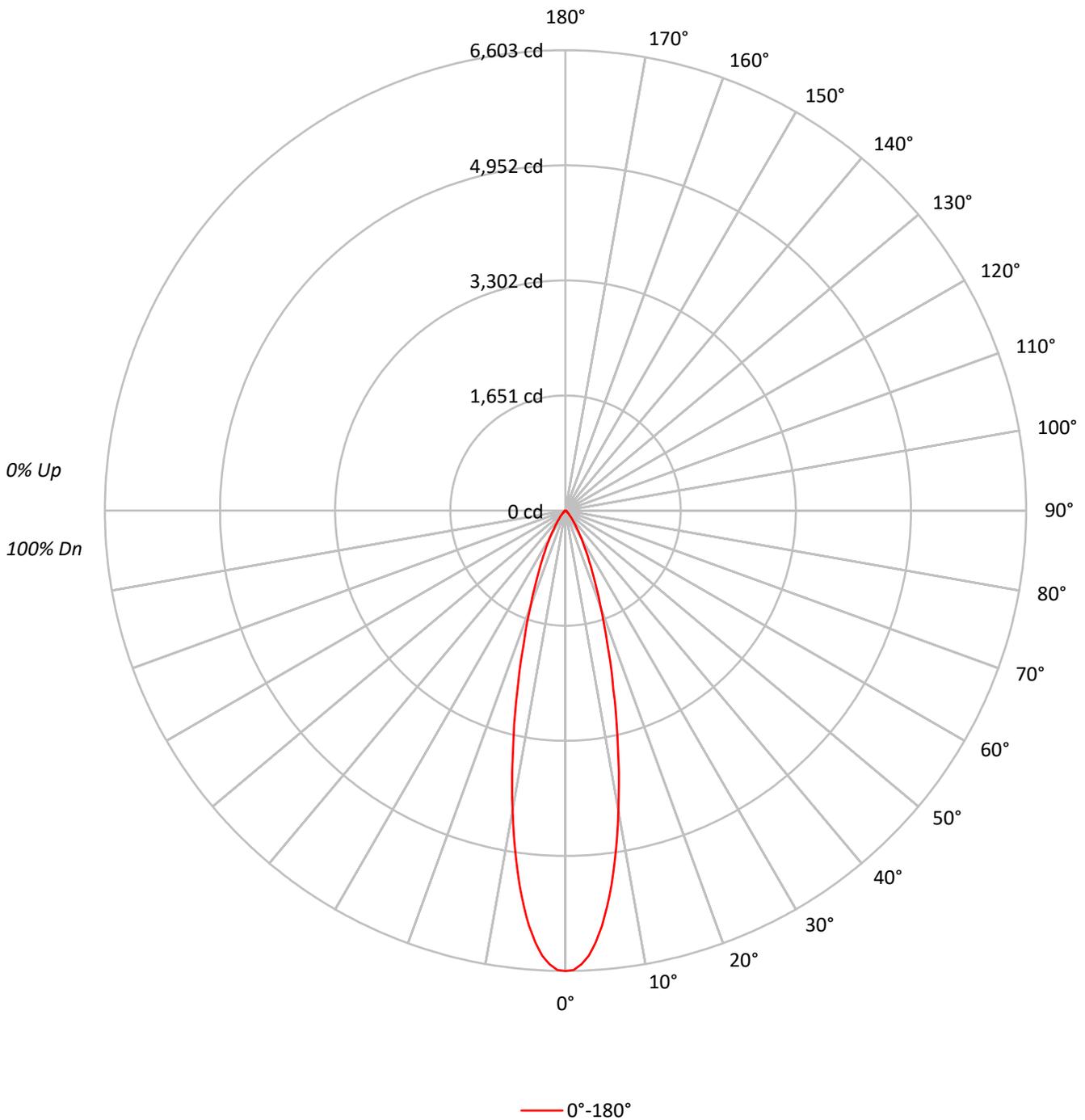
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1882.0 lumens
Efficiency: N/A
Efficacy: 65.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91		
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87		
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83		
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79		
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76		
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73		
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71		
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68		
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1447976
5°	1316241
10°	972794
15°	601774
20°	343660
25°	196197
30°	110017
35°	59856
40°	32776
45°	18048
50°	10541
55°	7646
60°	7192
65°	6590
70°	5834
75°	6185
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18048 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	517.8	27.5
10°-20°	739.2	39.3
20°-30°	385.8	20.5
30°-40°	149.2	7.9
40°-50°	48.4	2.6
50°-60°	19.1	1.0
60°-70°	12.6	0.7
70°-80°	7.4	0.4
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°	1642.9	87.3
0°-40°	1792.0	95.2
0°-60°	1859.5	98.8
0°-90°	1882.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1882.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6603	
5°	5980	518
15°	2651	739
25°	811	386
35°	224	149
45°	58	48
55°	20	19
65°	13	13
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	6603.3
1°	6590.6
2°	6512.4
3°	6392.4
4°	6207.0
5°	5979.7
6°	5710.7
7°	5412.5
8°	5067.0
9°	4730.7
10°	4368.9
12.5°	3472.6
15°	2650.8
17.5°	1983.5
20°	1472.7
22.5°	1090.9
25°	810.9
27.5°	598.2
30°	434.5
32.5°	314.5
35°	223.6
37.5°	161.8
40°	114.5
42.5°	81.8
45°	58.2
47.5°	41.8
50°	30.9
52.5°	23.6
55°	20.0
57.5°	18.2
60°	16.4
62.5°	14.5
65°	12.7
67.5°	10.9
70°	9.1
72.5°	9.1
75°	7.3
77.5°	5.5
80°	3.6
82.5°	3.6
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)