

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: P1276727

Luminaire Tested: P3AS20R209835D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276727
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R209835D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

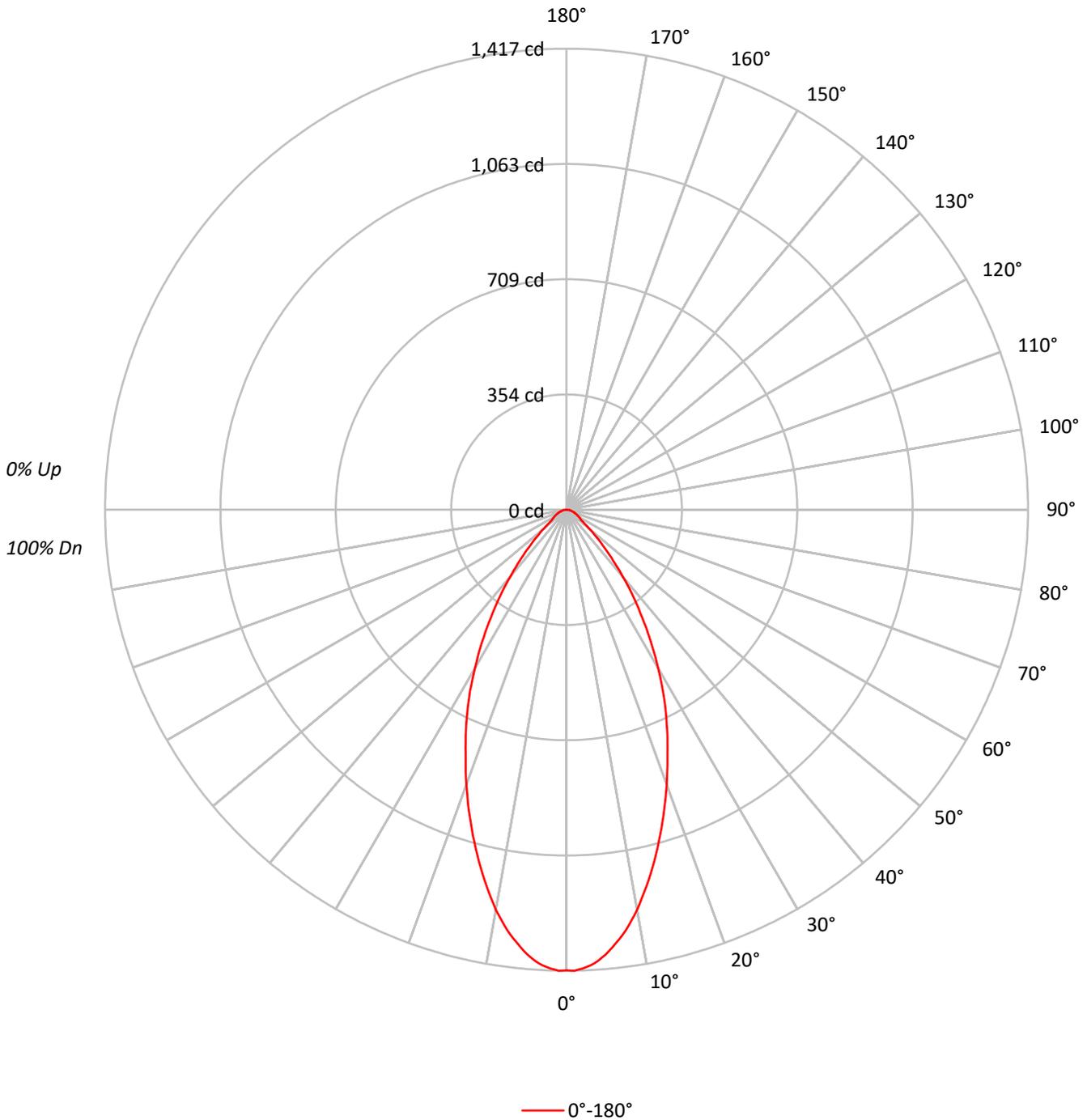
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1255.0 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83			83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76			76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65			65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55			55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52			52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48			48
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	310436
5°	302134
10°	277951
15°	244655
20°	209808
25°	176284
30°	142503
35°	108389
40°	77116
45°	50920
50°	31555
55°	20721
60°	18858
65°	17382
70°	16349
75°	14827
80°	14143
85°	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 50920 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.0	10.1
10°-20°	300.0	23.9
20°-30°	333.0	26.5
30°-40°	254.0	20.2
40°-50°	130.1	10.4
50°-60°	53.4	4.3
60°-70°	33.3	2.7
70°-80°	18.7	1.5
80°-90°	5.4	0.4
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°	760.0	60.6
0°-40°	1014.1	80.8
0°-60°	1197.6	95.4
0°-90°	1255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1255.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1416	
5°	1373	127
15°	1078	300
25°	729	333
35°	405	254
45°	164	130
55°	54	53
65°	34	33
75°	18	19
85°	5	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1415.7
1°	1417.2
2°	1410.9
3°	1402.9
4°	1390.1
5°	1372.6
6°	1351.9
7°	1329.6
8°	1305.7
9°	1277.0
10°	1248.3
12.5°	1165.4
15°	1077.7
17.5°	988.4
20°	899.1
22.5°	809.9
25°	728.6
27.5°	647.2
30°	562.8
32.5°	483.0
35°	404.9
37.5°	336.4
40°	269.4
42.5°	212.0
45°	164.2
47.5°	124.3
50°	92.5
52.5°	68.6
55°	54.2
57.5°	49.4
60°	43.0
62.5°	38.3
65°	33.5
67.5°	28.7
70°	25.5
72.5°	20.7
75°	17.5
77.5°	14.3
80°	11.2
82.5°	8.0
85°	4.8
87.5°	1.6
90°	0.0

(END OF REPORT)