

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: P1252631

Luminaire Tested: P3AS20R209030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252631
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: P3AS20R209030D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

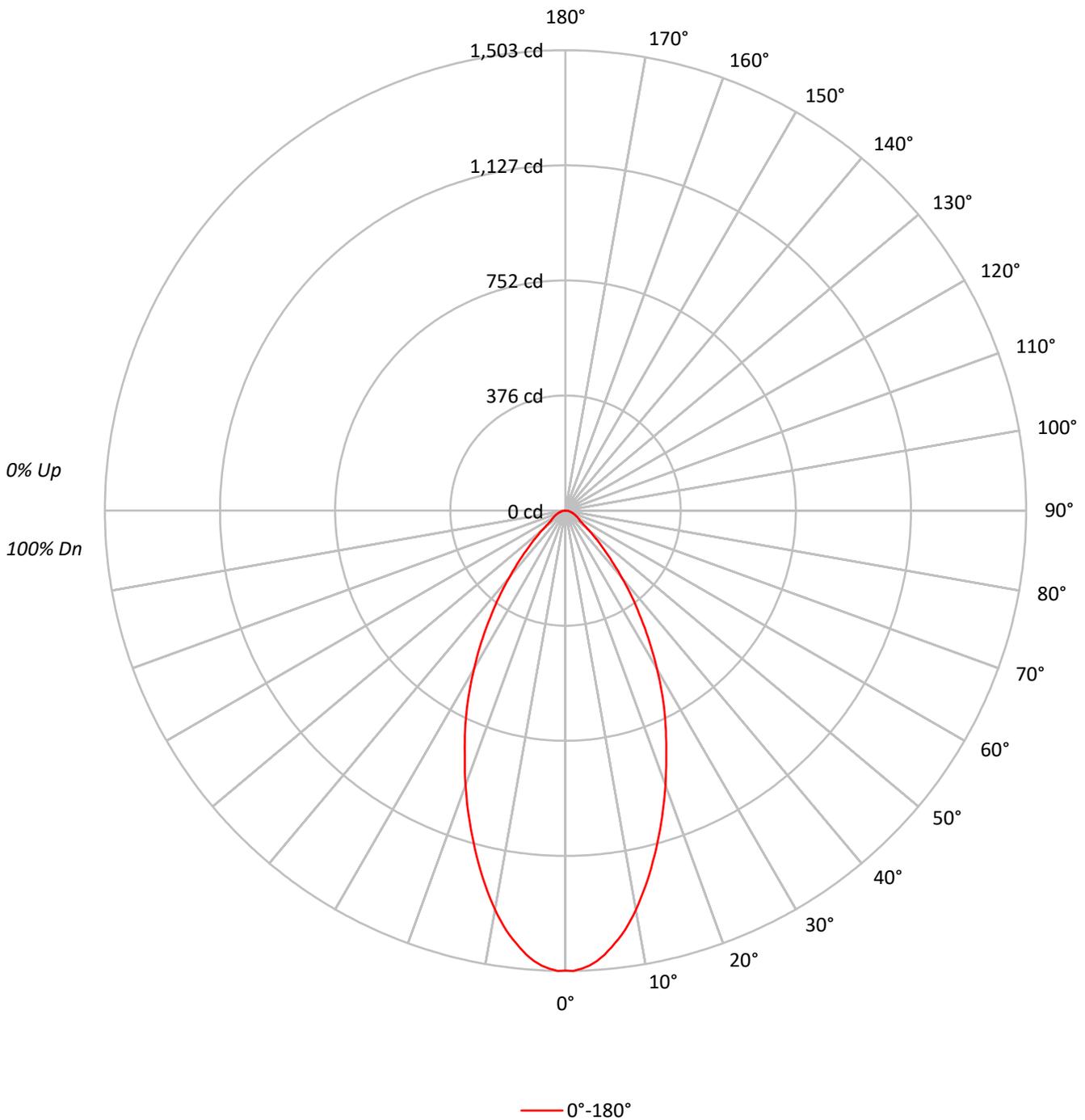
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1331.0 lumens
Efficiency: N/A
Efficacy: 46.2 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): 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				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°	329228
5°	320426
10°	294784
15°	259457
20°	222526
25°	186954
30°	151112
35°	114947
40°	81782
45°	53990
50°	33466
55°	21982
60°	20042
65°	18420
70°	17375
75°	15759
80°	14901
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 53990 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.7	10.1
10°-20°	318.2	23.9
20°-30°	353.2	26.5
30°-40°	269.4	20.2
40°-50°	138.0	10.4
50°-60°	56.7	4.3
60°-70°	35.3	2.7
70°-80°	19.8	1.5
80°-90°	5.8	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°	806.0	60.6
0°-40°	1075.4	80.8
0°-60°	1270.1	95.4
0°-90°	1331.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1331.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1501	
5°	1456	135
15°	1143	318
25°	773	353
35°	429	269
45°	174	138
55°	58	57
65°	36	35
75°	19	20
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1501.4
1°	1503.1
2°	1496.3
3°	1487.9
4°	1474.3
5°	1455.7
6°	1433.8
7°	1410.1
8°	1384.7
9°	1354.3
10°	1323.9
12.5°	1235.9
15°	1142.9
17.5°	1048.3
20°	953.6
22.5°	858.9
25°	772.7
27.5°	686.4
30°	596.8
32.5°	512.3
35°	429.4
37.5°	356.7
40°	285.7
42.5°	224.9
45°	174.1
47.5°	131.9
50°	98.1
52.5°	72.7
55°	57.5
57.5°	52.4
60°	45.7
62.5°	40.6
65°	35.5
67.5°	30.4
70°	27.1
72.5°	22.0
75°	18.6
77.5°	15.2
80°	11.8
82.5°	8.5
85°	5.1
87.5°	1.7
90°	0.0

(END OF REPORT)