

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: P1257700

Luminaire Tested: P3AS17R209040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257700
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: P3AS17R209040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

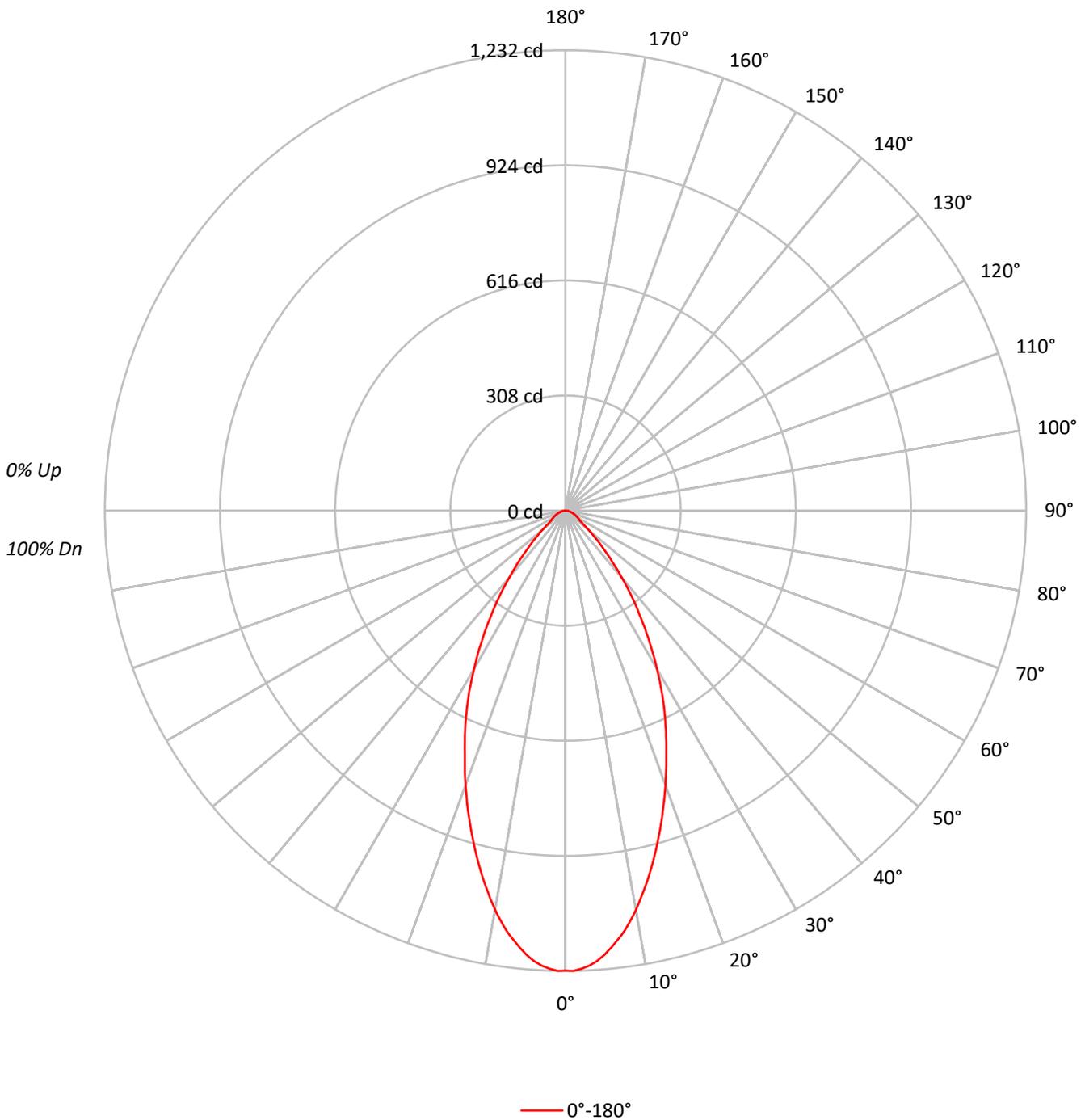
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1091.0 lumens
Efficiency: N/A
Efficacy: 51.5 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): 21.2
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°	269869
5°	262645
10°	241612
15°	212691
20°	182389
25°	153227
30°	123867
35°	94228
40°	67040
45°	44253
50°	27428
55°	18007
60°	16402
65°	15099
70°	14233
75°	12878
80°	12249
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 44253 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.4	10.1
10°-20°	260.8	23.9
20°-30°	289.5	26.5
30°-40°	220.8	20.2
40°-50°	113.1	10.4
50°-60°	46.4	4.3
60°-70°	29.0	2.7
70°-80°	16.3	1.5
80°-90°	4.7	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°	660.7	60.6
0°-40°	881.5	80.8
0°-60°	1041.0	95.4
0°-90°	1091.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1091.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1231	
5°	1193	110
15°	937	261
25°	633	289
35°	352	221
45°	143	113
55°	47	46
65°	29	29
75°	15	16
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1230.7
1°	1232.0
2°	1226.5
3°	1219.6
4°	1208.5
5°	1193.2
6°	1175.2
7°	1155.8
8°	1135.0
9°	1110.1
10°	1085.1
12.5°	1013.1
15°	936.9
17.5°	859.2
20°	781.6
22.5°	704.0
25°	633.3
27.5°	562.7
30°	489.2
32.5°	419.9
35°	352.0
37.5°	292.4
40°	234.2
42.5°	184.3
45°	142.7
47.5°	108.1
50°	80.4
52.5°	59.6
55°	47.1
57.5°	43.0
60°	37.4
62.5°	33.3
65°	29.1
67.5°	24.9
70°	22.2
72.5°	18.0
75°	15.2
77.5°	12.5
80°	9.7
82.5°	6.9
85°	4.2
87.5°	1.4
90°	0.0

(END OF REPORT)