

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: P1255166

Luminaire Tested: P3AS17R509035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255166
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

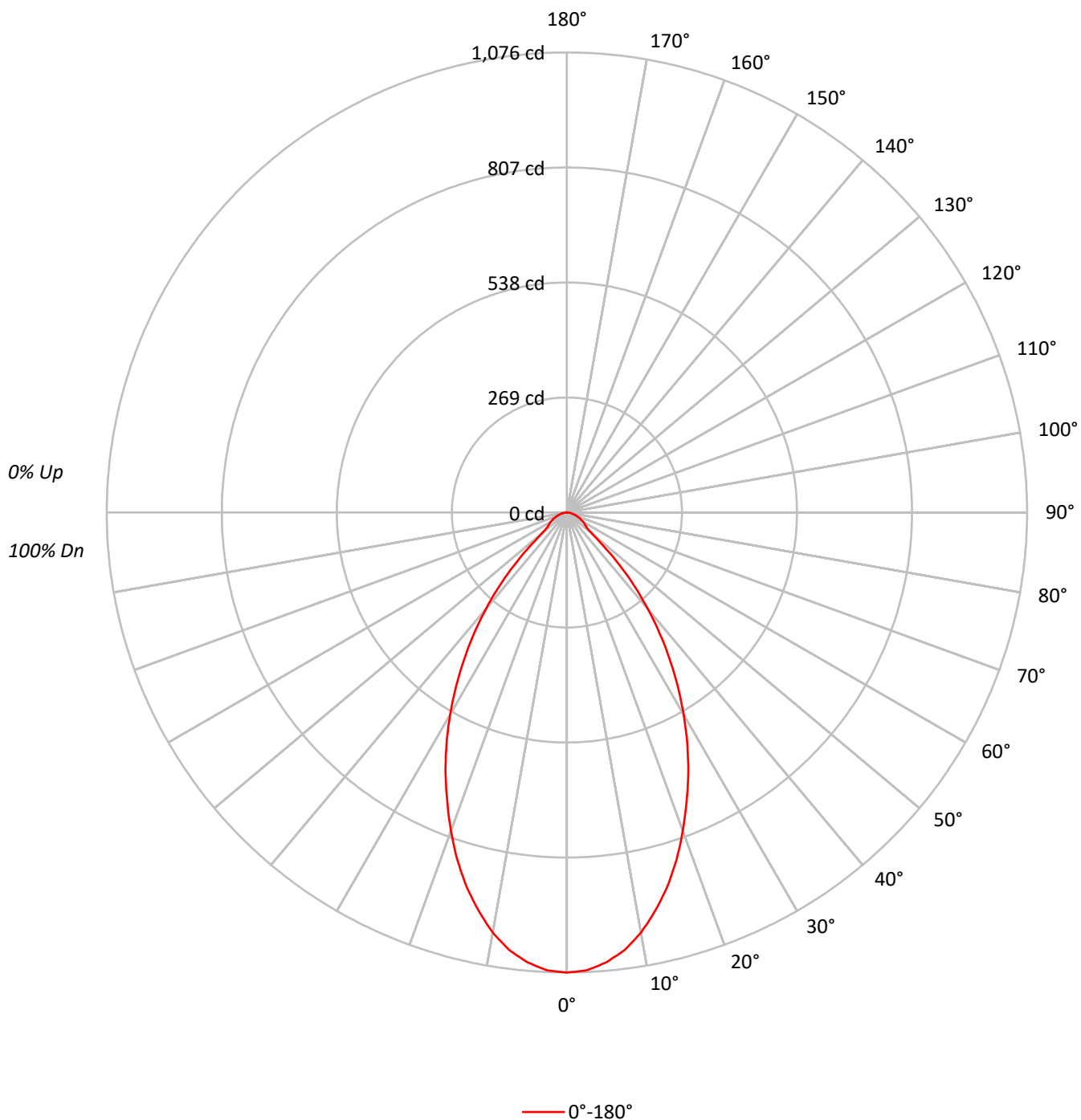
Lumens per Lamp: N/A
Luminaire Lumens: 1161.0 lumens
Efficiency: N/A
Efficacy: 54.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	235946
5°	232467
10°	222174
15°	205767
20°	184909
25°	162542
30°	138224
35°	112083
40°	84215
45°	54238
50°	25756
55°	20262
60°	19165
65°	17901
70°	16157
75°	14572
80°	13386
85°	13335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 54238 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.0	8.5
10°-20°	252.7	21.8
20°-30°	307.0	26.4
30°-40°	260.4	22.4
40°-50°	135.2	11.6
50°-60°	48.8	4.2
60°-70°	33.8	2.9
70°-80°	18.3	1.6
80°-90°	5.8	0.5
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°	658.7	56.7
0°-40°	919.1	79.2
0°-60°	1103.1	95.0
0°-90°	1161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1161.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1076	
5°	1056	99
15°	906	253
25°	672	307
35°	419	260
45°	175	135
55°	53	49
65°	34	34
75°	17	18
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1076.0
2.5°	1072.0
5°	1056.1
7.5°	1032.2
10°	997.8
12.5°	954.1
15°	906.4
17.5°	852.0
20°	792.4
22.5°	731.4
25°	671.8
27.5°	609.5
30°	545.9
32.5°	482.3
35°	418.7
37.5°	356.4
40°	294.2
42.5°	234.5
45°	174.9
47.5°	116.6
50°	75.5
52.5°	58.3
55°	53.0
57.5°	47.7
60°	43.7
62.5°	38.4
65°	34.5
67.5°	29.2
70°	25.2
72.5°	21.2
75°	17.2
77.5°	13.3
80°	10.6
82.5°	8.0
85°	5.3
87.5°	2.7
90°	0.0

(END OF REPORT)