

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: P1260441

Luminaire Tested: P3AS17R459050DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260441
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459050DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

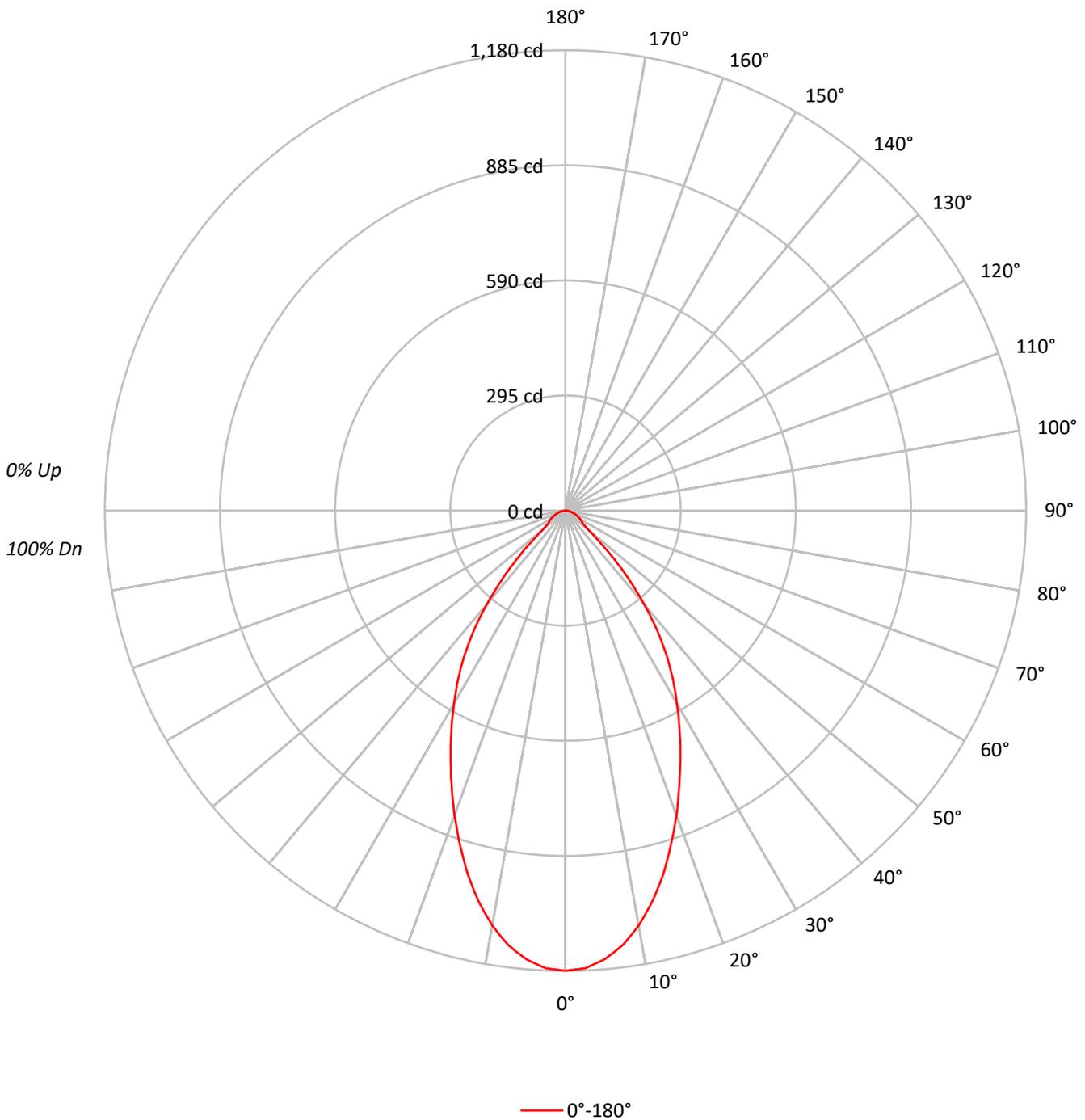
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1219.9 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	258663
5°	254083
10°	240432
15°	219275
20°	193894
25°	168397
30°	144529
35°	120435
40°	89740
45°	54951
50°	25415
55°	19880
60°	19121
65°	17486
70°	16221
75°	15504
80°	14143
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 54951 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.8	8.8
10°-20°	268.9	22.0
20°-30°	319.5	26.2
30°-40°	277.6	22.8
40°-50°	139.2	11.4
50°-60°	48.3	4.0
60°-70°	33.9	2.8
70°-80°	18.9	1.6
80°-90°	5.7	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°	696.3	57.1
0°-40°	973.9	79.8
0°-60°	1161.4	95.2
0°-90°	1219.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1219.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1180	
5°	1154	108
15°	966	269
25°	696	320
35°	450	278
45°	177	139
55°	52	48
65°	34	34
75°	18	19
85°	4	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1179.6
2.5°	1174.0
5°	1154.3
7.5°	1123.4
10°	1079.8
12.5°	1026.4
15°	965.9
17.5°	898.4
20°	830.9
22.5°	762.0
25°	696.0
27.5°	632.7
30°	570.8
32.5°	511.8
35°	449.9
37.5°	383.8
40°	313.5
42.5°	244.6
45°	177.2
47.5°	116.7
50°	74.5
52.5°	57.6
55°	52.0
57.5°	47.8
60°	43.6
62.5°	39.4
65°	33.7
67.5°	29.5
70°	25.3
72.5°	21.1
75°	18.3
77.5°	14.1
80°	11.2
82.5°	8.4
85°	4.2
87.5°	2.8
90°	0.0

(END OF REPORT)