

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: P1254993

Luminaire Tested: P3AS17R209035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254993
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: P3AS17R209035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

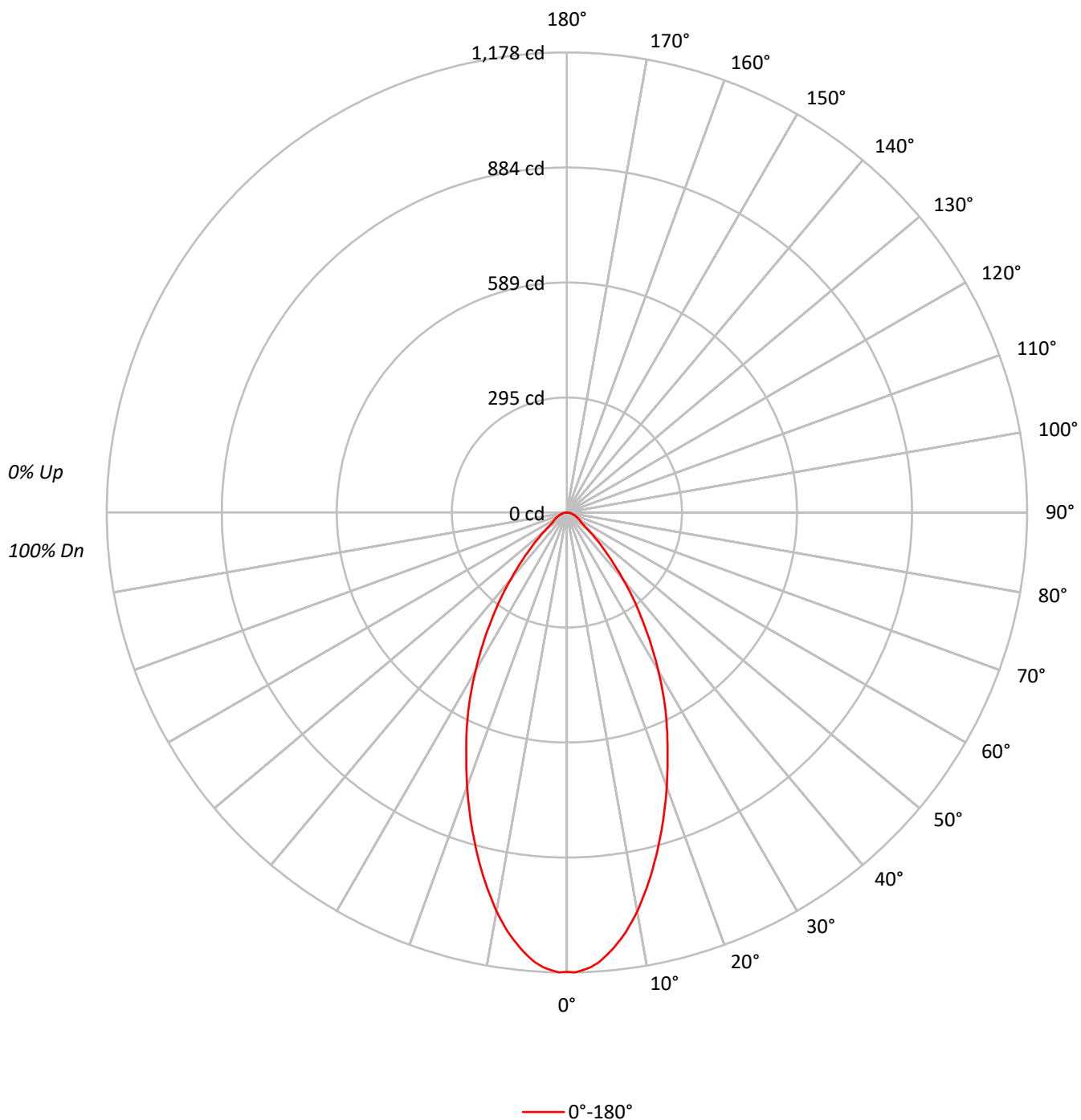
Lumens per Lamp: N/A
Luminaire Lumens: 1043.0 lumens
Efficiency: N/A
Efficacy: 49.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	257984
5°	251089
10°	230991
15°	203316
20°	174362
25°	146500
30°	118423
35°	90078
40°	64092
45°	42330
50°	26200
55°	17204
60°	15700
65°	14424
70°	13592
75°	12370
80°	11744
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42330 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.5	10.1
10°-20°	249.3	23.9
20°-30°	276.8	26.5
30°-40°	211.1	20.2
40°-50°	108.1	10.4
50°-60°	44.4	4.3
60°-70°	27.7	2.7
70°-80°	15.5	1.5
80°-90°	4.5	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°	631.6	60.6
0°-40°	842.7	80.8
0°-60°	995.2	95.4
0°-90°	1043.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1043.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1176	
5°	1141	106
15°	896	249
25°	606	277
35°	336	211
45°	136	108
55°	45	44
65°	28	28
75°	15	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1176.5
1°	1177.8
2°	1172.5
3°	1165.9
4°	1155.3
5°	1140.7
6°	1123.5
7°	1105.0
8°	1085.1
9°	1061.2
10°	1037.4
12.5°	968.5
15°	895.6
17.5°	821.4
20°	747.2
22.5°	673.1
25°	605.5
27.5°	537.9
30°	467.7
32.5°	401.4
35°	336.5
37.5°	279.6
40°	223.9
42.5°	176.2
45°	136.5
47.5°	103.3
50°	76.8
52.5°	57.0
55°	45.0
57.5°	41.1
60°	35.8
62.5°	31.8
65°	27.8
67.5°	23.8
70°	21.2
72.5°	17.2
75°	14.6
77.5°	11.9
80°	9.3
82.5°	6.6
85°	4.0
87.5°	1.3
90°	0.0

(END OF REPORT)