

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: P1257697

Luminaire Tested: P3AS17R209040DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257697
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 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

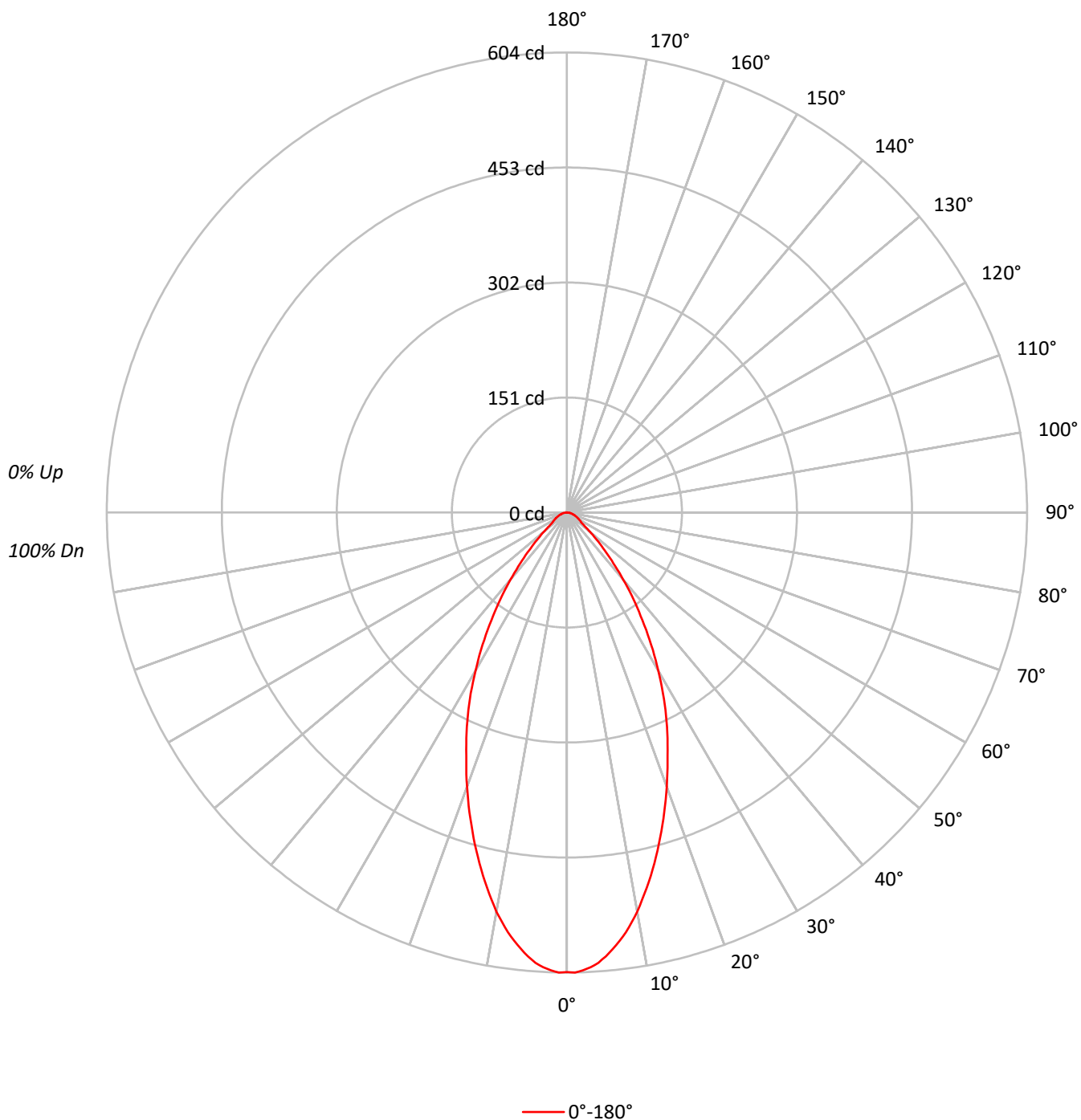
Lumens per Lamp: N/A
Luminaire Lumens: 535.0 lumens
Efficiency: N/A
Efficacy: 25.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	132336
5°	128791
10°	118479
15°	104291
20°	89444
25°	75150
30°	60744
35°	46204
40°	32890
45°	21708
50°	13441
55°	8831
60°	8026
65°	7420
70°	6988
75°	6354
80°	6061
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21708 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.1	10.1
10°-20°	127.9	23.9
20°-30°	142.0	26.5
30°-40°	108.3	20.2
40°-50°	55.5	10.4
50°-60°	22.8	4.3
60°-70°	14.2	2.7
70°-80°	8.0	1.5
80°-90°	2.3	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°	324.0	60.6
0°-40°	432.3	80.8
0°-60°	510.5	95.4
0°-90°	535.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	535.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	604	
5°	585	54
15°	459	128
25°	311	142
35°	173	108
45°	70	55
55°	23	23
65°	14	14
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	603.5
1°	604.2
2°	601.4
3°	598.0
4°	592.6
5°	585.1
6°	576.3
7°	566.8
8°	556.6
9°	544.4
10°	532.1
12.5°	496.8
15°	459.4
17.5°	421.4
20°	383.3
22.5°	345.2
25°	310.6
27.5°	275.9
30°	239.9
32.5°	205.9
35°	172.6
37.5°	143.4
40°	114.9
42.5°	90.4
45°	70.0
47.5°	53.0
50°	39.4
52.5°	29.2
55°	23.1
57.5°	21.1
60°	18.3
62.5°	16.3
65°	14.3
67.5°	12.2
70°	10.9
72.5°	8.8
75°	7.5
77.5°	6.1
80°	4.8
82.5°	3.4
85°	2.0
87.5°	0.7
90°	0.0

(END OF REPORT)