

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: P1259166

Luminaire Tested: P3AS05R209050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259166
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: P3AS05R209050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

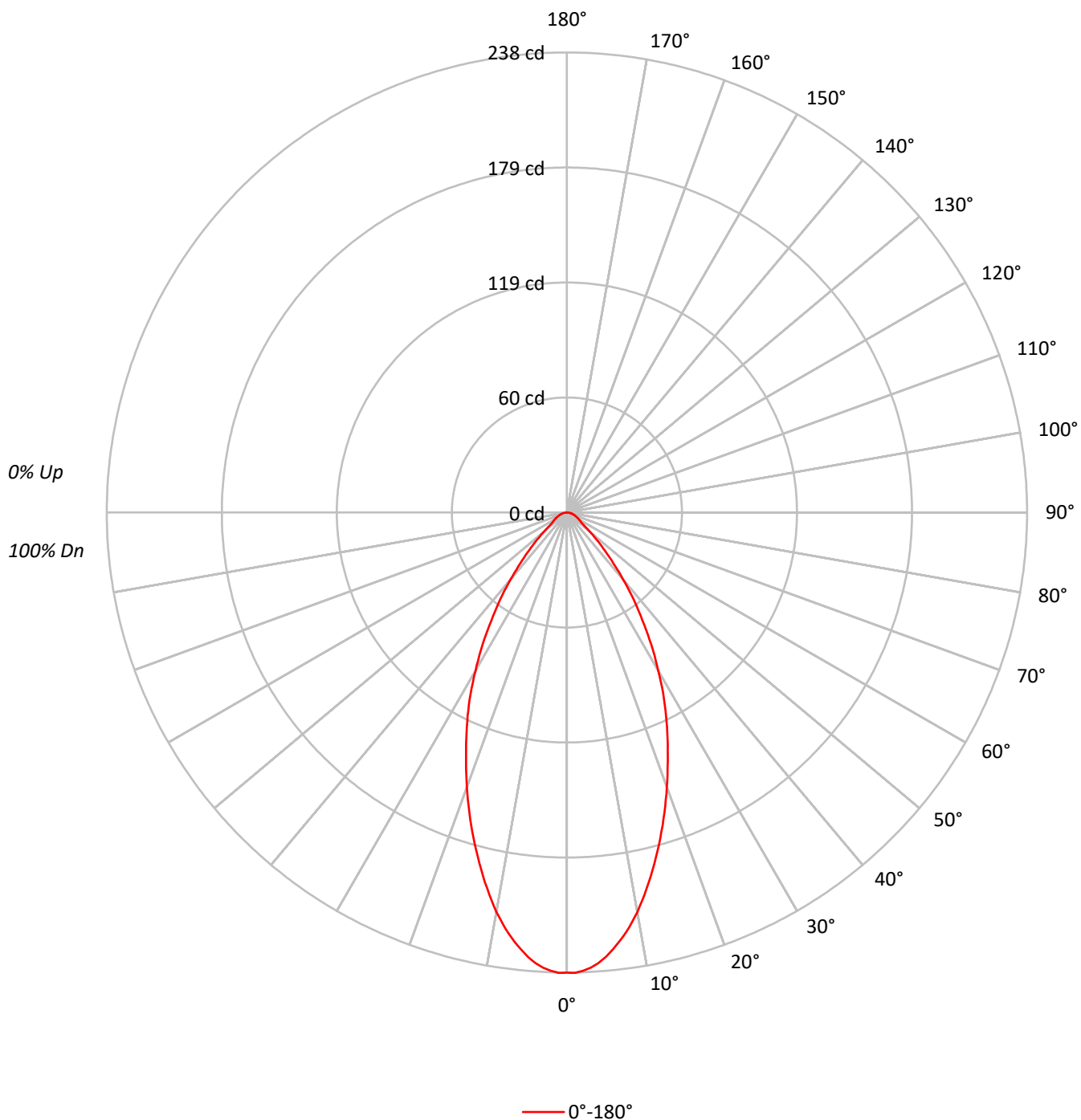
Lumens per Lamp: N/A
Luminaire Lumens: 210.9 lumens
Efficiency: N/A
Efficacy: 29.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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				0
RW	70	50	30	10	70	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		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		83
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		76
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		70
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		65
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		60
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		55
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		52
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		48
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52189
5°	50803
10°	46737
15°	41135
20°	35283
25°	29639
30°	23953
35°	18230
40°	12967
45°	8559
50°	5288
55°	3479
60°	3158
65°	2906
70°	2757
75°	2457
80°	2399
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	10.1
10°-20°	50.4	23.9
20°-30°	56.0	26.5
30°-40°	42.7	20.3
40°-50°	21.9	10.4
50°-60°	9.0	4.2
60°-70°	5.6	2.6
70°-80°	3.1	1.5
80°-90°	0.9	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°	127.8	60.6
0°-40°	170.5	80.8
0°-60°	201.3	95.4
0°-90°	210.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	210.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	238	
5°	231	21
15°	181	50
25°	122	56
35°	68	43
45°	28	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	238.0
1°	238.3
2°	237.2
3°	235.9
4°	233.7
5°	230.8
6°	227.3
7°	223.5
8°	219.5
9°	214.7
10°	209.9
12.5°	195.9
15°	181.2
17.5°	166.2
20°	151.2
22.5°	136.2
25°	122.5
27.5°	108.8
30°	94.6
32.5°	81.2
35°	68.1
37.5°	56.6
40°	45.3
42.5°	35.6
45°	27.6
47.5°	20.9
50°	15.5
52.5°	11.5
55°	9.1
57.5°	8.3
60°	7.2
62.5°	6.4
65°	5.6
67.5°	4.8
70°	4.3
72.5°	3.5
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.3
85°	0.8
87.5°	0.3
90°	0.0

(END OF REPORT)