

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: P1256712

Luminaire Tested: P3AS05R509040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256712
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: P3AS05R509040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

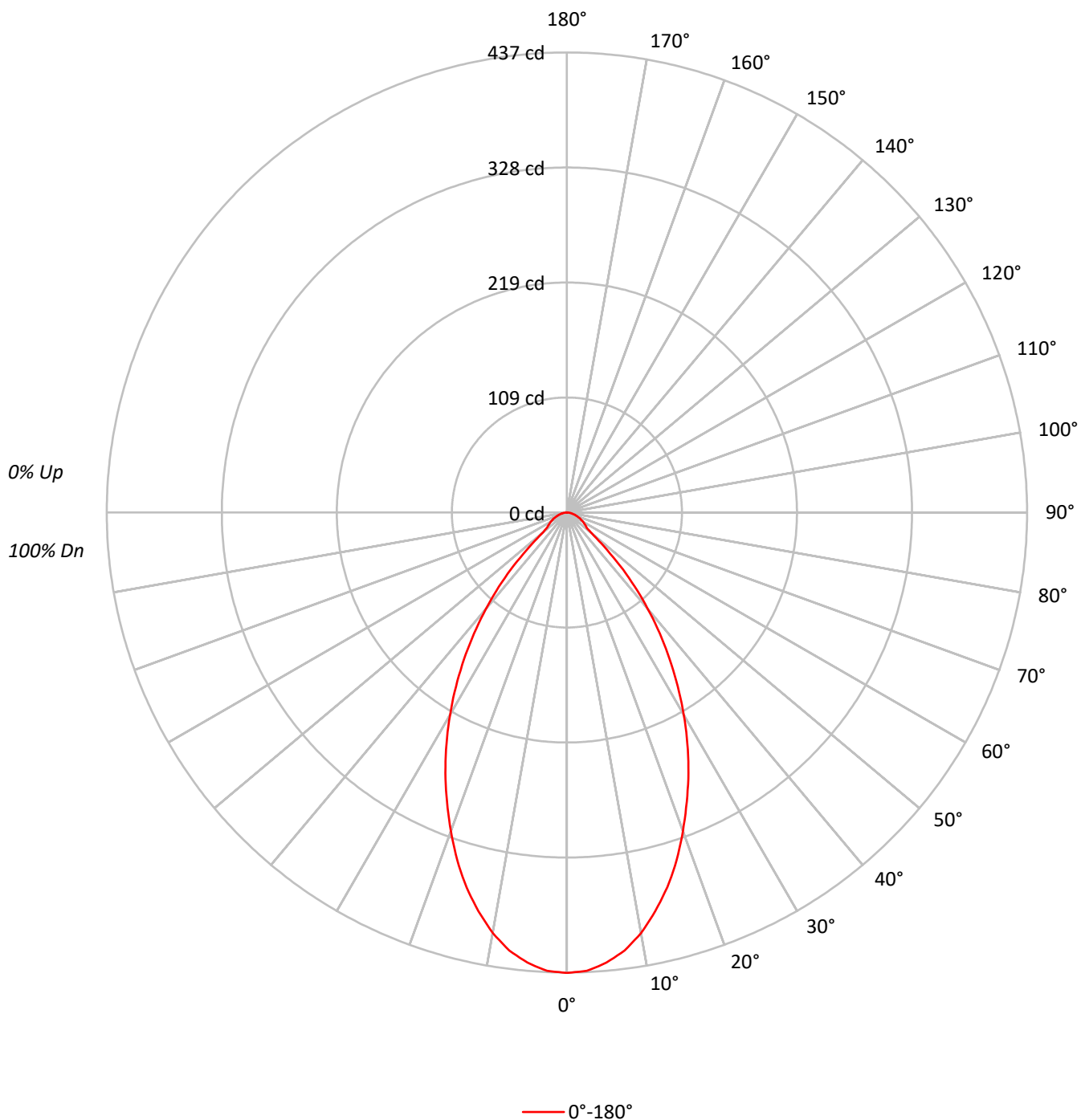
Lumens per Lamp: N/A
Luminaire Lumens: 472.0 lumens
Efficiency: N/A
Efficacy: 65.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		91
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		83
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		75
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		69
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		63
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		58
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		53
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		50
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		46
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	95913
5°	94497
10°	90312
15°	83655
20°	75163
25°	66076
30°	56186
35°	45561
40°	34236
45°	22049
50°	10473
55°	8220
60°	7806
65°	7264
70°	6540
75°	5931
80°	5430
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22049 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.2	8.5
10°-20°	102.7	21.8
20°-30°	124.8	26.4
30°-40°	105.8	22.4
40°-50°	55.0	11.7
50°-60°	19.8	4.2
60°-70°	13.7	2.9
70°-80°	7.4	1.6
80°-90°	2.4	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°	267.8	56.7
0°-40°	373.6	79.2
0°-60°	448.5	95.0
0°-90°	472.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	472.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	437	
5°	429	40
15°	368	103
25°	273	125
35°	170	106
45°	71	55
55°	22	20
65°	14	14
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	437.4
2.5°	435.8
5°	429.3
7.5°	419.7
10°	405.6
12.5°	387.9
15°	368.5
17.5°	346.4
20°	322.1
22.5°	297.4
25°	273.1
27.5°	247.8
30°	221.9
32.5°	196.1
35°	170.2
37.5°	144.9
40°	119.6
42.5°	95.4
45°	71.1
47.5°	47.4
50°	30.7
52.5°	23.7
55°	21.5
57.5°	19.4
60°	17.8
62.5°	15.6
65°	14.0
67.5°	11.9
70°	10.2
72.5°	8.6
75°	7.0
77.5°	5.4
80°	4.3
82.5°	3.2
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)