

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: P1256824

Luminaire Tested: P3AS05R709040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256824
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R709040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

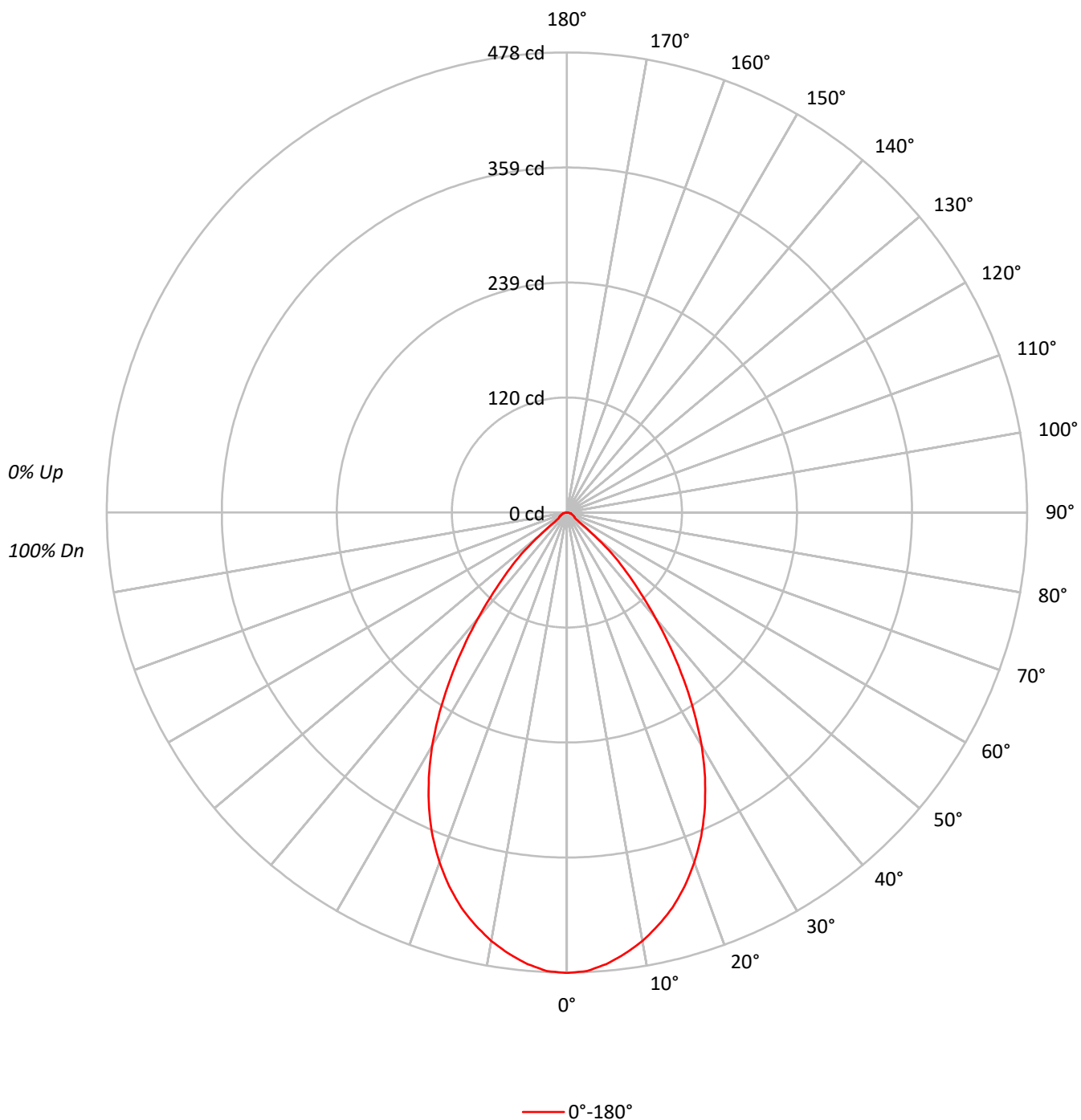
Lumens per Lamp: N/A
Luminaire Lumens: 542.0 lumens
Efficiency: N/A
Efficacy: 75.3 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104926
5°	103676
10°	100666
15°	96414
20°	90308
25°	82045
30°	70872
35°	56483
40°	41134
45°	27042
50°	12656
55°	3900
60°	3772
65°	3632
70°	3462
75°	3643
80°	3410
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27042 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.4	8.2
10°-20°	118.9	21.9
20°-30°	154.5	28.5
30°-40°	131.1	24.2
40°-50°	67.6	12.5
50°-60°	13.0	2.4
60°-70°	7.1	1.3
70°-80°	4.3	0.8
80°-90°	1.2	0.2
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°	317.7	58.6
0°-40°	448.8	82.8
0°-60°	529.3	97.7
0°-90°	542.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	542.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	478	
5°	471	44
15°	425	119
25°	339	154
35°	211	131
45°	87	68
55°	10	13
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	478.5
2.5°	476.9
5°	471.0
7.5°	462.4
10°	452.1
12.5°	439.2
15°	424.7
17.5°	406.9
20°	387.0
22.5°	364.4
25°	339.1
27.5°	310.6
30°	279.9
32.5°	246.0
35°	211.0
37.5°	176.5
40°	143.7
42.5°	113.0
45°	87.2
47.5°	64.1
50°	37.1
52.5°	16.1
55°	10.2
57.5°	9.7
60°	8.6
62.5°	8.1
65°	7.0
67.5°	6.5
70°	5.4
72.5°	4.8
75°	4.3
77.5°	3.2
80°	2.7
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)