

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: P1256655

Luminaire Tested: P3AS05R409040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256655
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R409040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

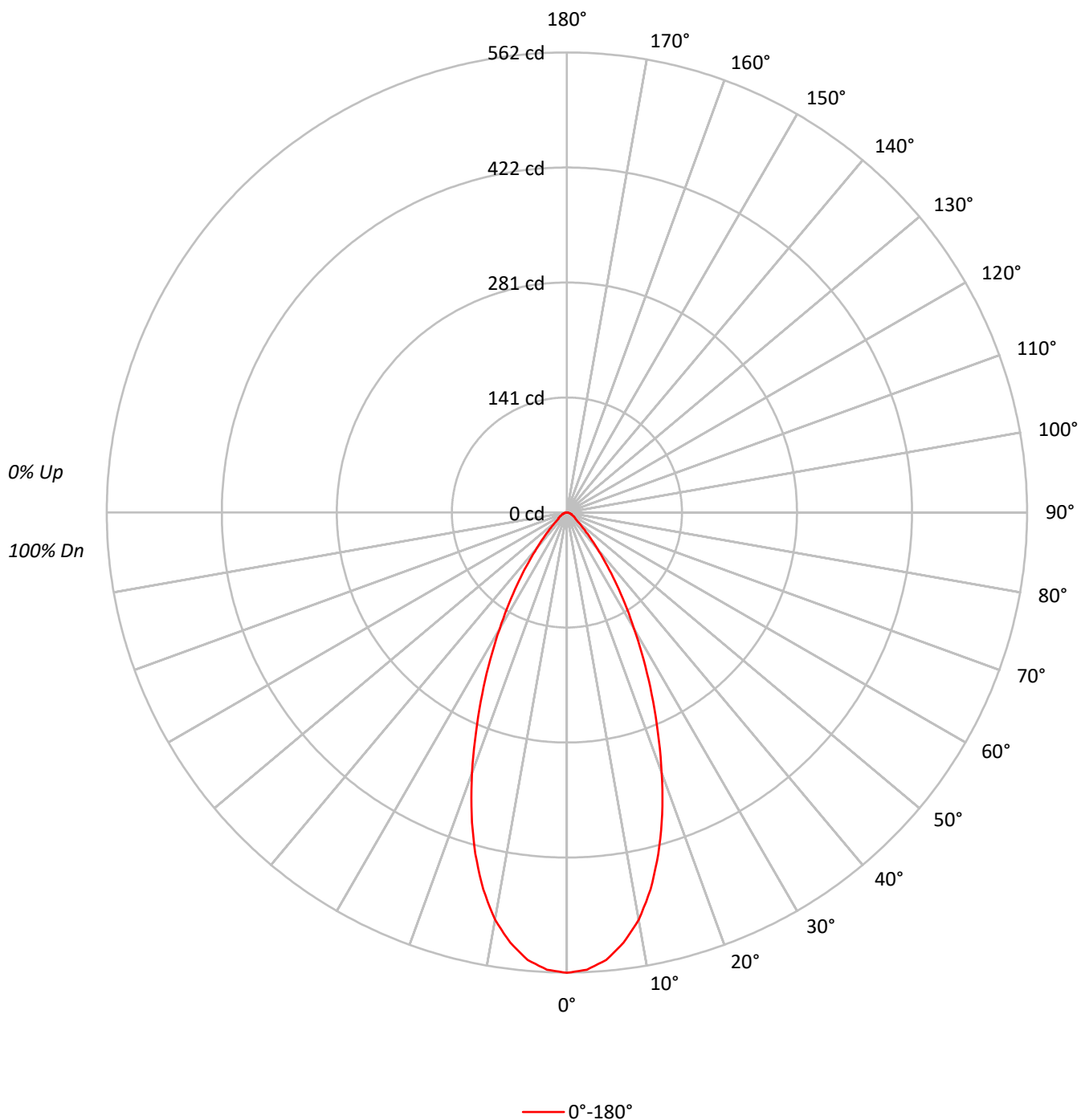
Lumens per Lamp: N/A
Luminaire Lumens: 396.0 lumens
Efficiency: N/A
Efficacy: 55.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	108	105	111	108	106	104	104	102	100		100	99	97		93
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		80
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		69
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		65
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		61
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		58
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		54
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	123302
5°	120801
10°	112490
15°	98026
20°	79014
25°	59229
30°	41627
35°	27278
40°	16517
45°	9861
50°	5902
55°	4741
60°	4254
65°	3632
70°	3462
75°	2711
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9861 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.0	12.9
10°-20°	118.9	30.0
20°-30°	112.1	28.3
30°-40°	64.8	16.4
40°-50°	25.8	6.5
50°-60°	11.4	2.9
60°-70°	7.1	1.8
70°-80°	3.7	0.9
80°-90°	1.2	0.3
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°	282.0	71.2
0°-40°	346.8	87.6
0°-60°	384.1	97.0
0°-90°	396.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	396.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	562	
5°	549	51
15°	432	119
25°	245	112
35°	102	65
45°	32	26
55°	12	11
65°	7	7
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	562.3
2.5°	559.1
5°	548.8
7.5°	530.0
10°	505.2
12.5°	471.7
15°	431.8
17.5°	387.1
20°	338.6
22.5°	290.1
25°	244.8
27.5°	202.7
30°	164.4
32.5°	131.0
35°	101.9
37.5°	77.1
40°	57.7
42.5°	43.1
45°	31.8
47.5°	23.2
50°	17.3
52.5°	14.0
55°	12.4
57.5°	11.3
60°	9.7
62.5°	8.1
65°	7.0
67.5°	5.9
70°	5.4
72.5°	4.3
75°	3.2
77.5°	2.7
80°	2.2
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)