

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: P1258558

Luminaire Tested: P3AS24R509040D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258558
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R509040D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

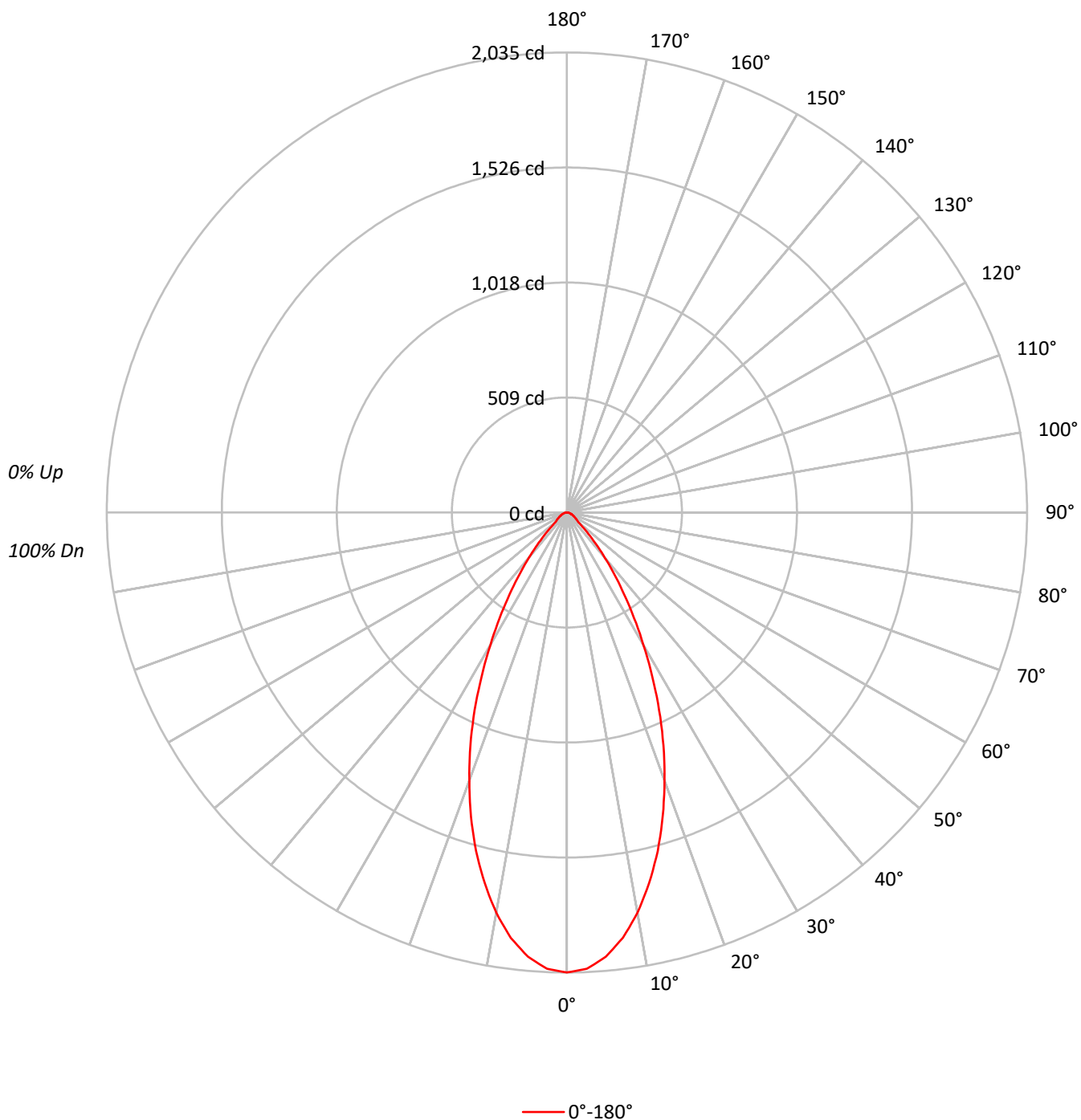
Lumens per Lamp: N/A
Luminaire Lumens: 1534.0 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	446148
5°	434161
10°	400349
15°	352079
20°	294562
25°	233578
30°	171368
35°	117811
40°	74883
45°	41865
50°	22652
55°	19039
60°	16402
65°	15099
70°	13336
75°	12285
80°	10481
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41865 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	182.7	11.9
10°-20°	429.5	28.0
20°-30°	439.3	28.6
30°-40°	278.6	18.2
40°-50°	110.9	7.2
50°-60°	44.9	2.9
60°-70°	28.8	1.9
70°-80°	14.8	1.0
80°-90°	4.5	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°	1051.6	68.6
0°-40°	1330.1	86.7
0°-60°	1486.0	96.9
0°-90°	1534.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1534.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2035	
5°	1972	183
15°	1551	430
25°	965	439
35°	440	279
45°	135	111
55°	50	45
65°	29	29
75°	14	15
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2034.6
2.5°	2020.1
5°	1972.4
7.5°	1897.6
10°	1798.0
12.5°	1679.6
15°	1550.9
17.5°	1409.7
20°	1262.3
22.5°	1114.9
25°	965.4
27.5°	815.9
30°	676.8
32.5°	552.3
35°	440.1
37.5°	344.6
40°	261.6
42.5°	193.1
45°	135.0
47.5°	91.4
50°	66.4
52.5°	56.1
55°	49.8
57.5°	43.6
60°	37.4
62.5°	33.2
65°	29.1
67.5°	24.9
70°	20.8
72.5°	16.6
75°	14.5
77.5°	10.4
80°	8.3
82.5°	6.2
85°	4.2
87.5°	2.1
90°	0.0

(END OF REPORT)