

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: P1255851

Luminaire Tested: P3A24R509035D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255851
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: P3A24R509035D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

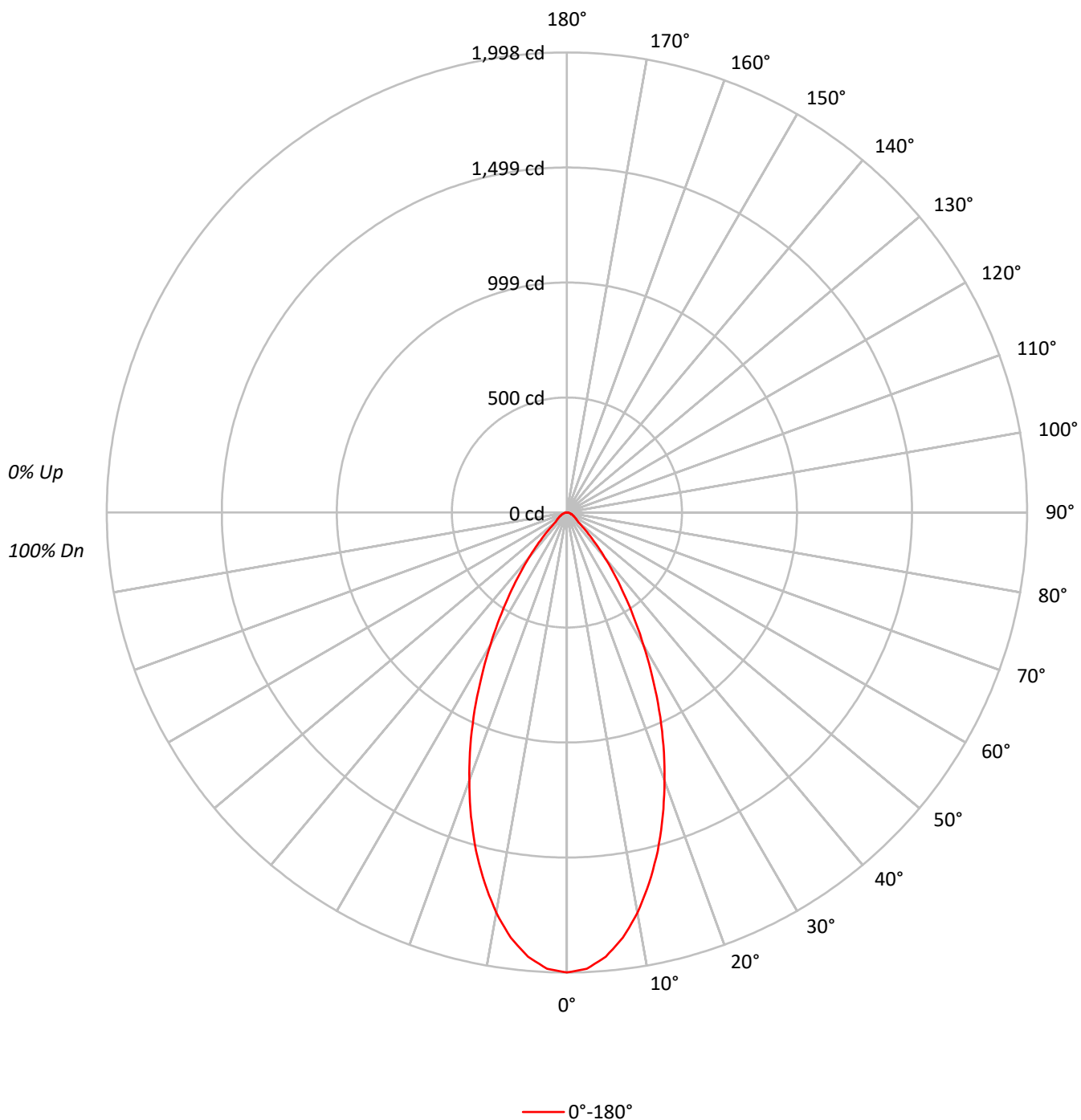
Lumens per Lamp: N/A
Luminaire Lumens: 1506.0 lumens
Efficiency: N/A
Efficacy: 52.3 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	438013
5°	426237
10°	393023
15°	345655
20°	289195
25°	229320
30°	168254
35°	115670
40°	73509
45°	41090
50°	22242
55°	18695
60°	16095
65°	14788
70°	13079
75°	12115
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41090 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.4	11.9
10°-20°	421.7	28.0
20°-30°	431.3	28.6
30°-40°	273.5	18.2
40°-50°	108.8	7.2
50°-60°	44.1	2.9
60°-70°	28.2	1.9
70°-80°	14.5	1.0
80°-90°	4.4	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°	1032.4	68.6
0°-40°	1305.9	86.7
0°-60°	1458.8	96.9
0°-90°	1506.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1506.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1998	
5°	1936	179
15°	1523	422
25°	948	431
35°	432	274
45°	132	109
55°	49	44
65°	28	28
75°	14	15
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1997.5
2.5°	1983.2
5°	1936.4
7.5°	1863.0
10°	1765.1
12.5°	1649.0
15°	1522.6
17.5°	1384.0
20°	1239.3
22.5°	1094.6
25°	947.8
27.5°	801.0
30°	664.5
32.5°	542.2
35°	432.1
37.5°	338.4
40°	256.8
42.5°	189.6
45°	132.5
47.5°	89.7
50°	65.2
52.5°	55.0
55°	48.9
57.5°	42.8
60°	36.7
62.5°	32.6
65°	28.5
67.5°	24.5
70°	20.4
72.5°	16.3
75°	14.3
77.5°	10.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)