

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: P1253154

Luminaire Tested: P3AS24R509030D010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253154
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: P3AS24R509030D010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

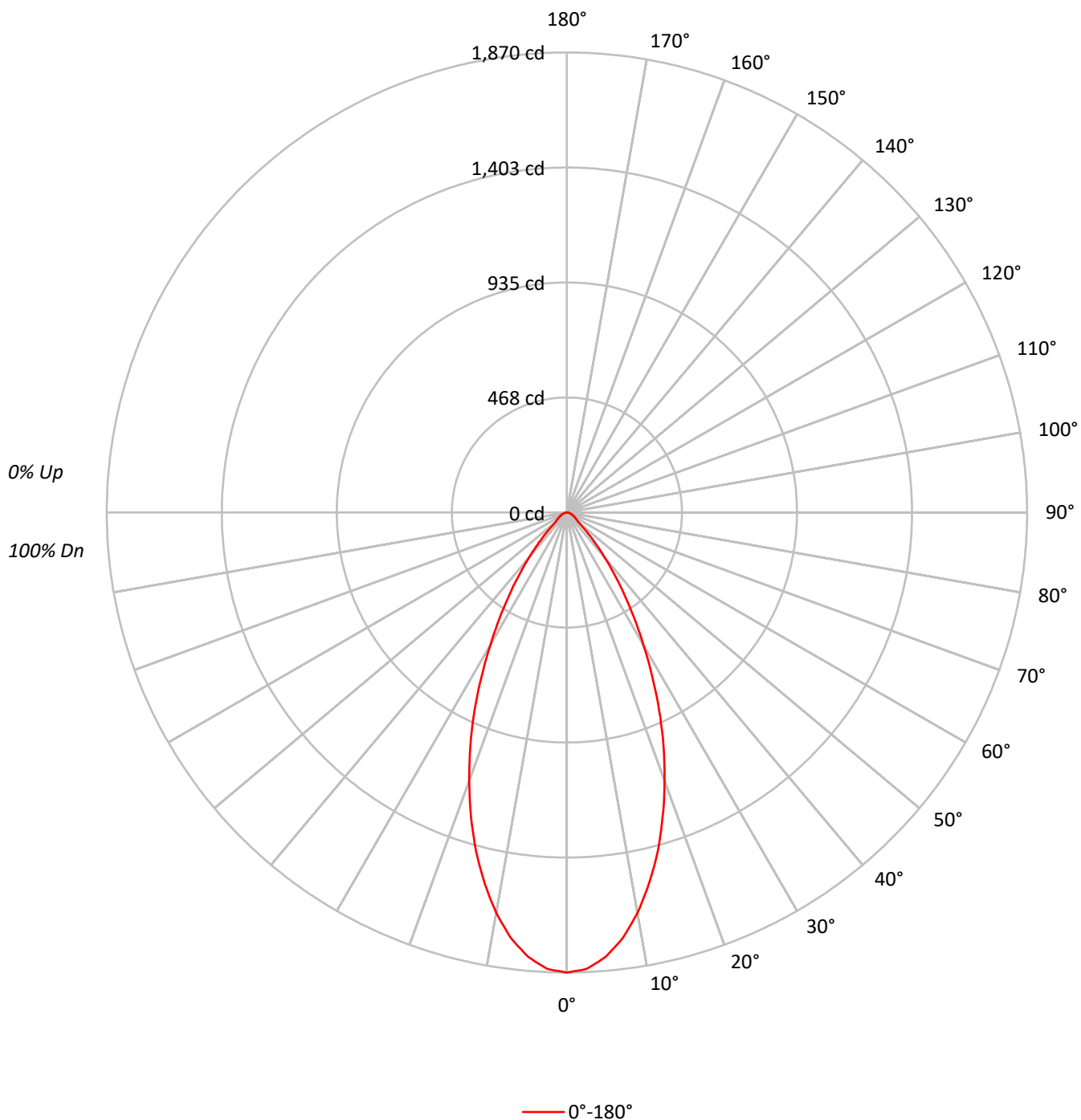
Lumens per Lamp: N/A
Luminaire Lumens: 1410.0 lumens
Efficiency: N/A
Efficacy: 49.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	410099
5°	399052
10°	367974
15°	323611
20°	270760
25°	214706
30°	157518
35°	108308
40°	68843
45°	38454
50°	20844
55°	17510
60°	15087
65°	13854
70°	12246
75°	11353
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38454 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	167.9	11.9
10°-20°	394.8	28.0
20°-30°	403.8	28.6
30°-40°	256.1	18.2
40°-50°	101.9	7.2
50°-60°	41.3	2.9
60°-70°	26.4	1.9
70°-80°	13.6	1.0
80°-90°	4.1	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°	966.6	68.6
0°-40°	1222.7	86.7
0°-60°	1365.9	96.9
0°-90°	1410.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1410.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1870	
5°	1813	168
15°	1426	395
25°	887	404
35°	405	256
45°	124	102
55°	46	41
65°	27	26
75°	13	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1870.2
2.5°	1856.8
5°	1812.9
7.5°	1744.2
10°	1652.6
12.5°	1543.9
15°	1425.5
17.5°	1295.8
20°	1160.3
22.5°	1024.8
25°	887.4
27.5°	750.0
30°	622.1
32.5°	507.6
35°	404.6
37.5°	316.8
40°	240.5
42.5°	177.5
45°	124.0
47.5°	84.0
50°	61.1
52.5°	51.5
55°	45.8
57.5°	40.1
60°	34.4
62.5°	30.5
65°	26.7
67.5°	22.9
70°	19.1
72.5°	15.3
75°	13.4
77.5°	9.5
80°	7.6
82.5°	5.7
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)