

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: P1258504

Luminaire Tested: P3AS24R409040D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258504
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: P3AS24R409040D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

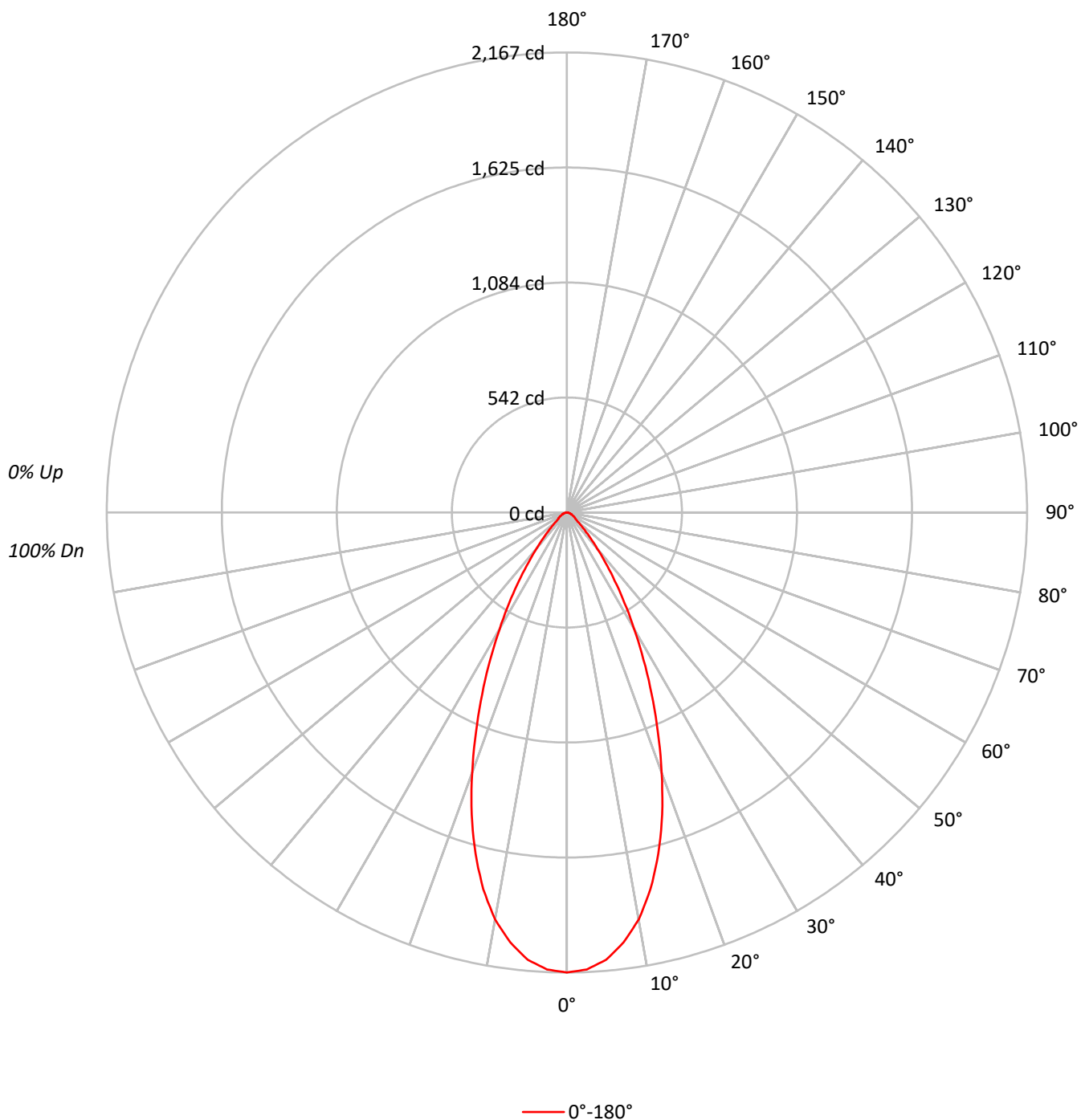
Lumens per Lamp: N/A
Luminaire Lumens: 1526.0 lumens
Efficiency: N/A
Efficacy: 53.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	475159
5°	465550
10°	433459
15°	377777
20°	304456
25°	228207
30°	160455
35°	105123
40°	63634
45°	38019
50°	22686
55°	18274
60°	16402
65°	14009
70°	13336
75°	10590
80°	10481
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38019 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	196.4	12.9
10°-20°	458.4	30.0
20°-30°	431.9	28.3
30°-40°	249.8	16.4
40°-50°	99.5	6.5
50°-60°	44.0	2.9
60°-70°	27.2	1.8
70°-80°	14.2	0.9
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°	1086.7	71.2
0°-40°	1336.5	87.6
0°-60°	1480.0	97.0
0°-90°	1526.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1526.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2167	
5°	2115	196
15°	1664	458
25°	943	432
35°	393	250
45°	123	100
55°	48	44
65°	27	27
75°	12	14
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2166.9
2.5°	2154.4
5°	2115.0
7.5°	2042.3
10°	1946.7
12.5°	1817.9
15°	1664.1
17.5°	1491.7
20°	1304.7
22.5°	1117.7
25°	943.2
27.5°	781.2
30°	633.7
32.5°	504.8
35°	392.7
37.5°	297.1
40°	222.3
42.5°	166.2
45°	122.6
47.5°	89.3
50°	66.5
52.5°	54.0
55°	47.8
57.5°	43.6
60°	37.4
62.5°	31.2
65°	27.0
67.5°	22.9
70°	20.8
72.5°	16.6
75°	12.5
77.5°	10.4
80°	8.3
82.5°	6.2
85°	4.2
87.5°	2.1
90°	0.0

(END OF REPORT)