

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: P1250380

Luminaire Tested: P3AS24R409027D010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250380
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409027D010 E3DL1H
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

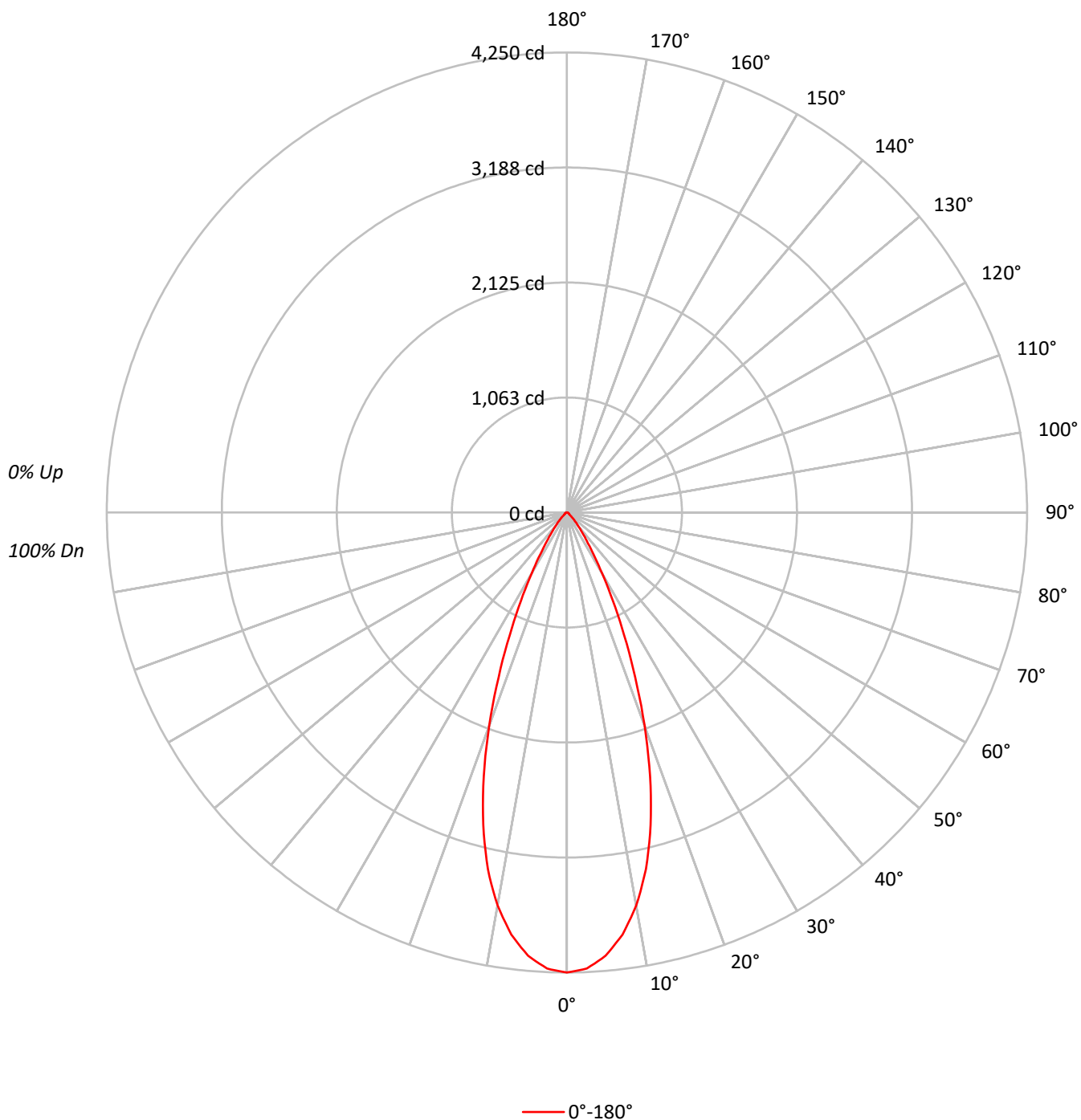
Lumens per Lamp: N/A
Luminaire Lumens: 2106.0 lumens
Efficiency: N/A
Efficacy: 73.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86
5	96	88	83	79	94	88	83	79	86	82	78		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	931899
5°	904818
10°	821094
15°	678324
20°	489319
25°	302655
30°	163848
35°	84671
40°	46058
45°	25801
50°	12963
55°	9672
60°	8727
65°	8457
70°	8142
75°	7625
80°	6819
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25801 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	378.9	18.0
10°-20°	813.6	38.6
20°-30°	580.7	27.6
30°-40°	213.7	10.1
40°-50°	67.3	3.2
50°-60°	23.4	1.1
60°-70°	16.1	0.8
70°-80°	9.5	0.5
80°-90°	2.7	0.1
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°	1773.2	84.2
0°-40°	1986.9	94.3
0°-60°	2077.7	98.7
0°-90°	2106.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2106.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4250	
5°	4111	379
15°	2988	814
25°	1251	581
35°	316	214
45°	83	67
55°	25	23
65°	16	16
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4249.8
2.5°	4217.2
5°	4110.6
7.5°	3933.4
10°	3687.6
12.5°	3374.9
15°	2988.0
17.5°	2554.2
20°	2096.9
22.5°	1646.8
25°	1250.9
27.5°	918.3
30°	647.1
32.5°	453.7
35°	316.3
37.5°	224.1
40°	160.9
42.5°	115.7
45°	83.2
47.5°	56.0
50°	38.0
52.5°	27.1
55°	25.3
57.5°	23.5
60°	19.9
62.5°	18.1
65°	16.3
67.5°	14.5
70°	12.7
72.5°	10.8
75°	9.0
77.5°	7.2
80°	5.4
82.5°	3.6
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)