

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: P1258506

Luminaire Tested: P3AS24R409040D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258506
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R409040D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

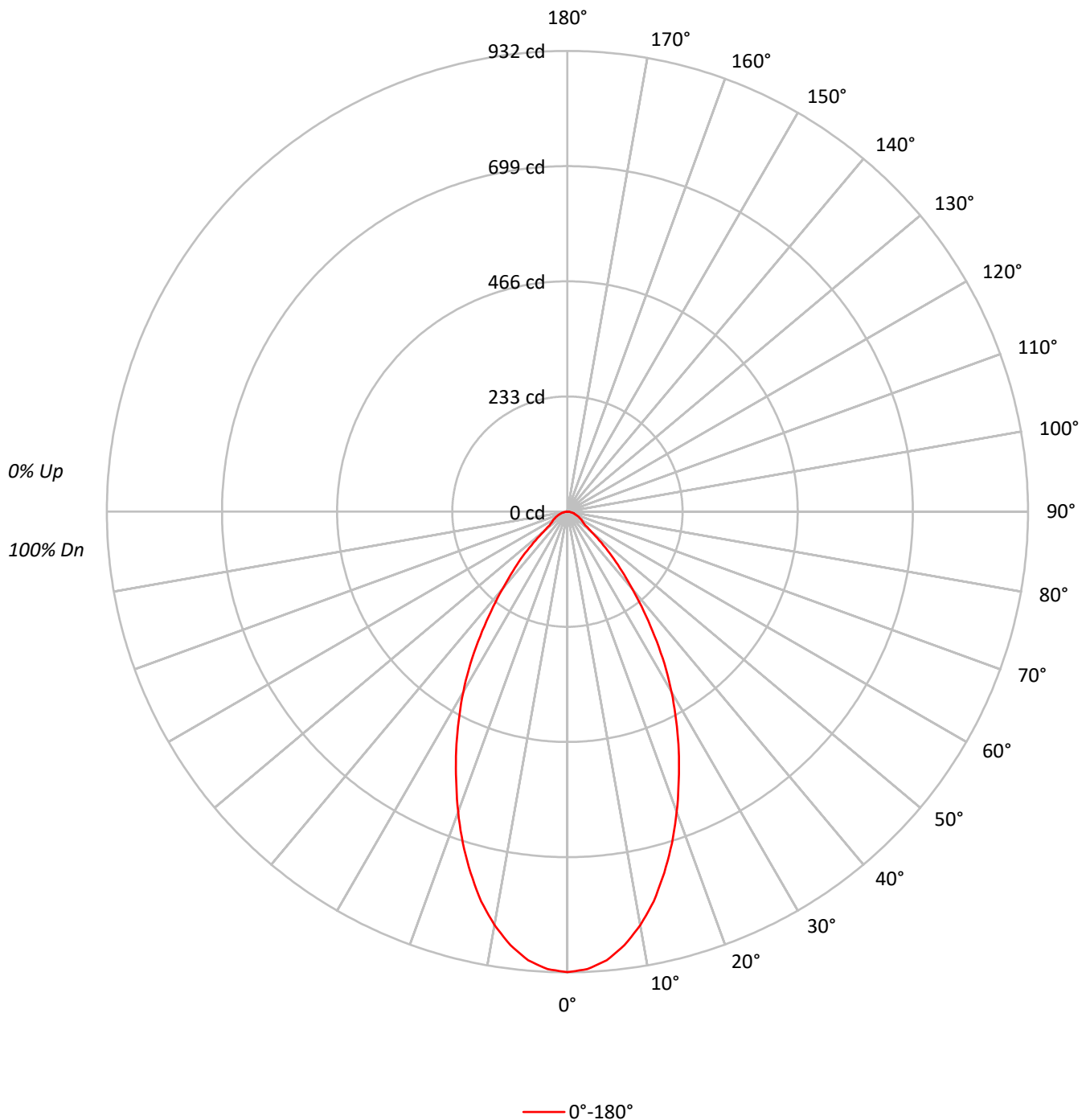
Lumens per Lamp: N/A
Luminaire Lumens: 910.0 lumens
Efficiency: N/A
Efficacy: 31.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	204282
5°	200572
10°	189064
15°	171738
20°	150863
25°	128838
30°	106725
35°	82315
40°	58567
45°	39477
50°	21526
55°	15177
60°	14297
65°	13231
70°	11733
75°	11184
80°	8966
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39477 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.0	9.3
10°-20°	210.7	23.2
20°-30°	243.6	26.8
30°-40°	192.0	21.1
40°-50°	98.5	10.8
50°-60°	37.7	4.1
60°-70°	24.9	2.7
70°-80°	13.6	1.5
80°-90°	4.0	0.4
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°	539.3	59.3
0°-40°	731.3	80.4
0°-60°	867.5	95.3
0°-90°	910.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	910.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	932	
5°	911	85
15°	756	211
25°	532	244
35°	308	192
45°	127	99
55°	40	38
65°	26	25
75°	13	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	931.6
2.5°	926.5
5°	911.2
7.5°	884.7
10°	849.1
12.5°	807.4
15°	756.5
17.5°	703.5
20°	646.5
22.5°	588.5
25°	532.5
27.5°	476.5
30°	421.5
32.5°	365.5
35°	307.5
37.5°	253.5
40°	204.6
42.5°	162.9
45°	127.3
47.5°	92.6
50°	63.1
52.5°	45.8
55°	39.7
57.5°	35.6
60°	32.6
62.5°	28.5
65°	25.5
67.5°	21.4
70°	18.3
72.5°	15.3
75°	13.2
77.5°	10.2
80°	7.1
82.5°	6.1
85°	3.1
87.5°	2.0
90°	0.0

(END OF REPORT)