

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: P1245755

Luminaire Tested: P3AS02R409024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245755
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: P3AS02R409024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

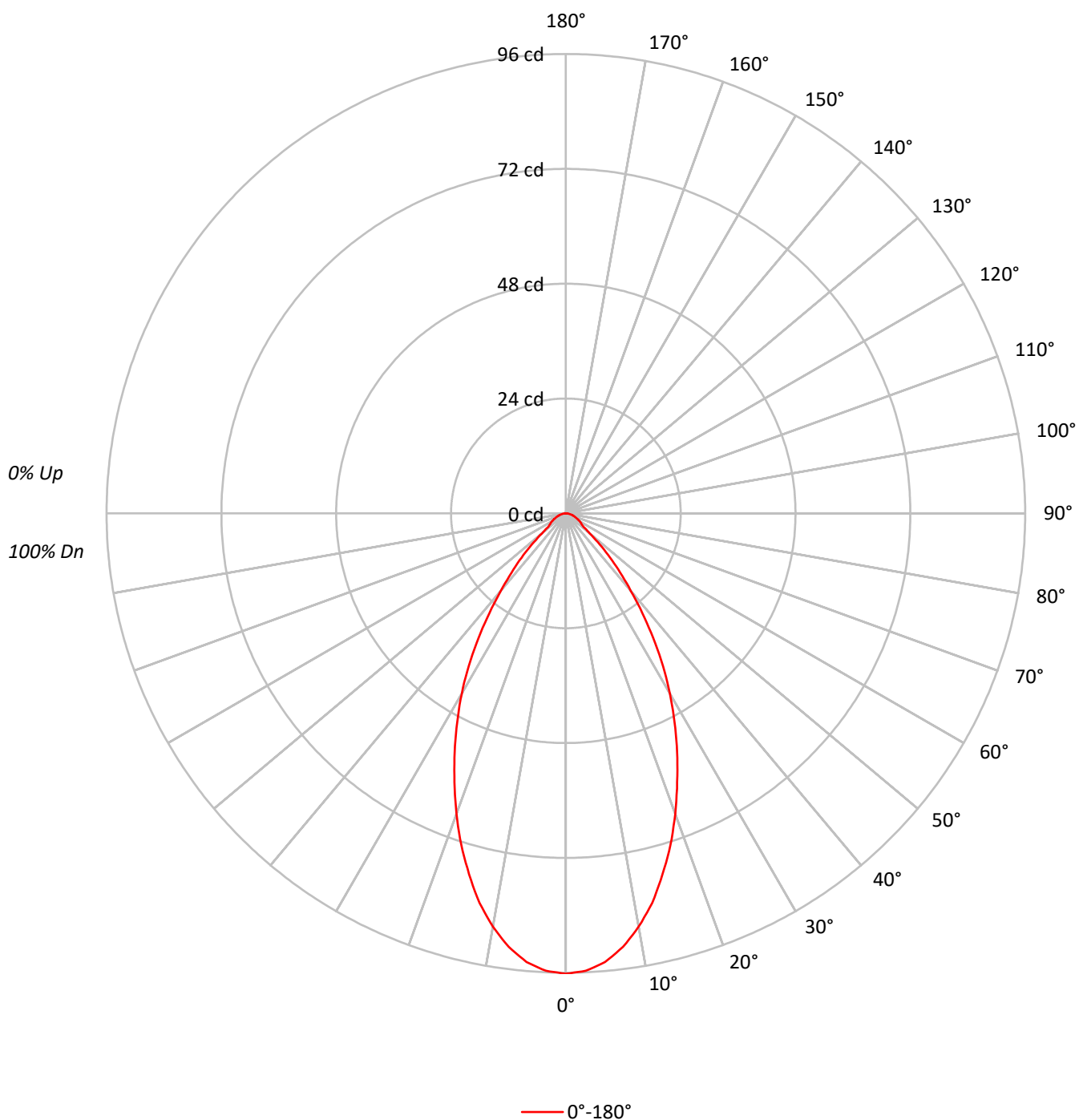
Lumens per Lamp: N/A
Luminaire Lumens: 94.0 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1245755

CATALOG NUMBER: P3AS02R409024DE010 E3DLD1GPH

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	62		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	58	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°	21095
5°	20713
10°	19528
15°	17730
20°	15588
25°	13307
30°	11014
35°	8513
40°	6040
45°	4062
50°	2217
55°	1567
60°	1491
65°	1349
70°	1218
75°	1186
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4062 cd/sqm

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CATALOG NUMBER: P3AS02R409024DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.8	9.3
10°-20°	21.8	23.2
20°-30°	25.2	26.8
30°-40°	19.8	21.1
40°-50°	10.2	10.8
50°-60°	3.9	4.1
60°-70°	2.6	2.7
70°-80°	1.4	1.5
80°-90°	0.4	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°	55.7	59.3
0°-40°	75.5	80.4
0°-60°	89.6	95.3
0°-90°	94.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	94.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	96	
5°	94	9
15°	78	22
25°	55	25
35°	32	20
45°	13	10
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	96.2
2.5°	95.7
5°	94.1
7.5°	91.4
10°	87.7
12.5°	83.4
15°	78.1
17.5°	72.7
20°	66.8
22.5°	60.8
25°	55.0
27.5°	49.2
30°	43.5
32.5°	37.8
35°	31.8
37.5°	26.2
40°	21.1
42.5°	16.8
45°	13.1
47.5°	9.6
50°	6.5
52.5°	4.7
55°	4.1
57.5°	3.7
60°	3.4
62.5°	2.9
65°	2.6
67.5°	2.2
70°	1.9
72.5°	1.6
75°	1.4
77.5°	1.1
80°	0.7
82.5°	0.6
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)