

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: P1275119

Luminaire Tested: P3AS02R409835DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275119
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: P3AS02R409835DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

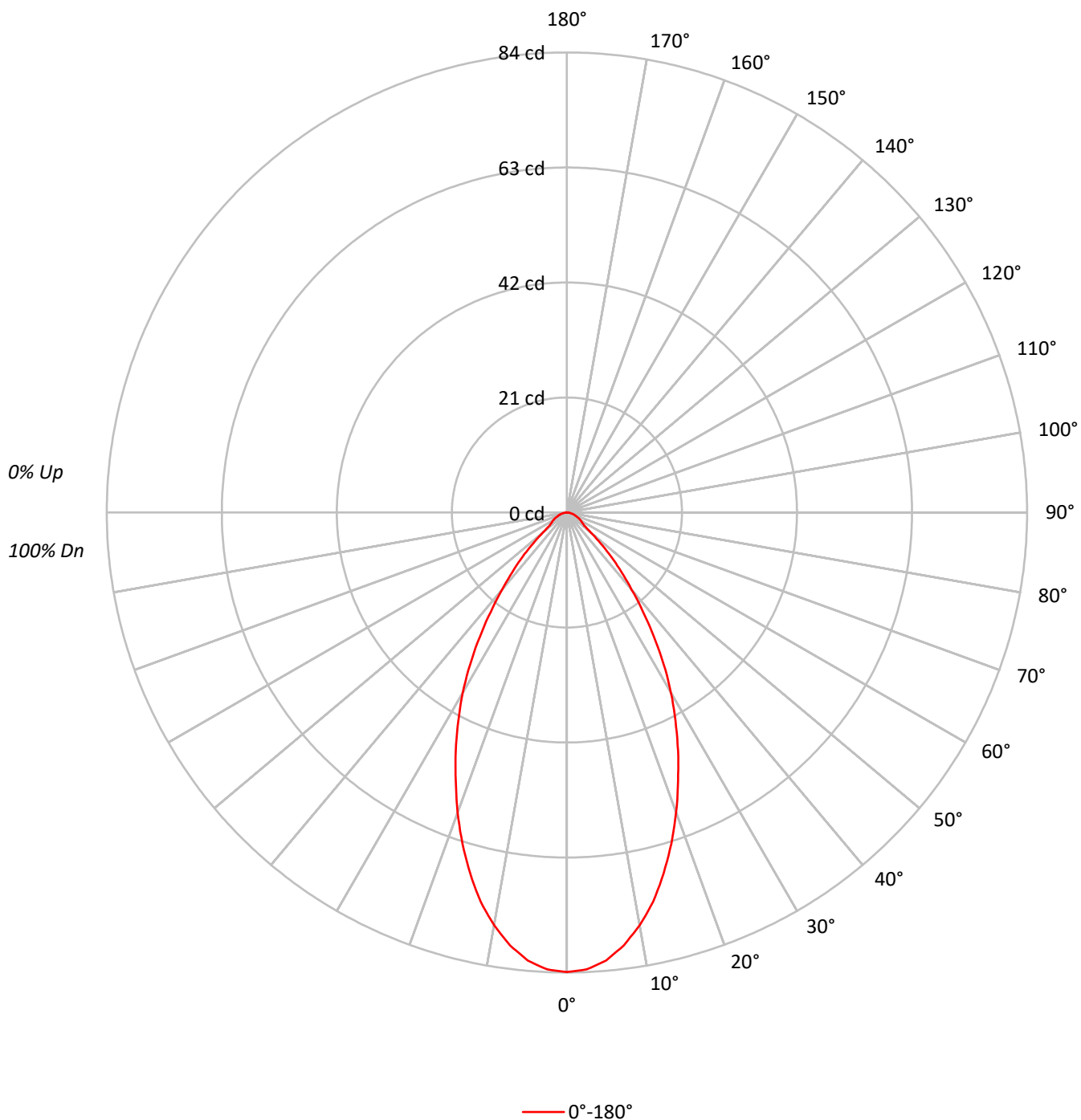
Lumens per Lamp: N/A
Luminaire Lumens: 82.0 lumens
Efficiency: N/A
Efficacy: 22.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	18398
5°	18072
10°	17034
15°	15482
20°	13605
25°	11614
30°	9622
35°	7415
40°	5267
45°	3566
50°	1944
55°	1376
60°	1272
65°	1193
70°	1090
75°	1017
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3566 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.7	9.3
10°-20°	19.0	23.2
20°-30°	21.9	26.8
30°-40°	17.3	21.1
40°-50°	8.9	10.8
50°-60°	3.4	4.1
60°-70°	2.3	2.7
70°-80°	1.2	1.5
80°-90°	0.4	0.5
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°	48.6	59.3
0°-40°	65.9	80.3
0°-60°	78.2	95.3
0°-90°	82.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	82.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	84	
5°	82	8
15°	68	19
25°	48	22
35°	28	17
45°	12	9
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	83.9
2.5°	83.5
5°	82.1
7.5°	79.7
10°	76.5
12.5°	72.8
15°	68.2
17.5°	63.4
20°	58.3
22.5°	53.0
25°	48.0
27.5°	42.9
30°	38.0
32.5°	32.9
35°	27.7
37.5°	22.8
40°	18.4
42.5°	14.7
45°	11.5
47.5°	8.3
50°	5.7
52.5°	4.1
55°	3.6
57.5°	3.2
60°	2.9
62.5°	2.6
65°	2.3
67.5°	1.9
70°	1.7
72.5°	1.4
75°	1.2
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)