

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: P1275021

Luminaire Tested: P3AS02R259835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275021
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

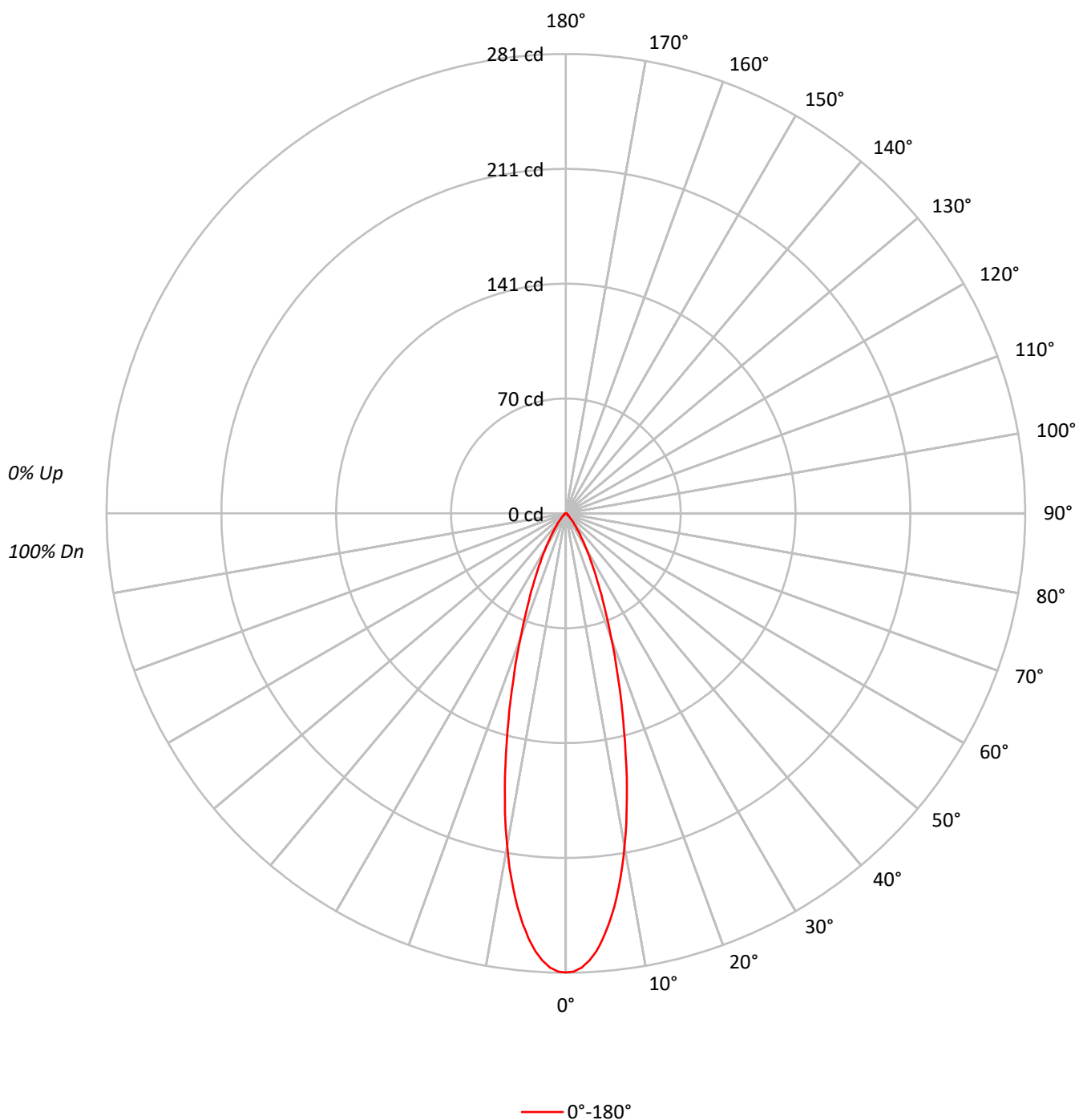
Lumens per Lamp: N/A
Luminaire Lumens: 96.0 lumens
Efficiency: N/A
Efficacy: 26.7 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76
6	94	86	81	78	92	86	81	77	84	80	77	83	79	76	82	78	76	75	74	73
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	71	70
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	68	67
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	65	64
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	63	62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	61574
5°	57451
10°	46025
15°	31237
20°	18902
25°	11057
30°	6305
35°	3453
40°	1832
45°	961
50°	580
55°	421
60°	351
65°	363
70°	385
75°	339
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 961 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.2	24.1
10°-20°	37.8	39.4
20°-30°	21.6	22.5
30°-40°	8.5	8.9
40°-50°	2.6	2.7
50°-60°	1.0	1.1
60°-70°	0.7	0.7
70°-80°	0.4	0.4
80°-90°	0.1	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°	82.6	86.0
0°-40°	91.2	94.9
0°-60°	94.8	98.7
0°-90°	96.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	96.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	281	
5°	261	23
15°	138	38
25°	46	22
35°	13	9
45°	3	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	280.8
1°	280.3
2°	278.0
3°	273.9
4°	268.4
5°	261.0
6°	252.4
7°	242.7
8°	231.4
9°	219.8
10°	206.7
11°	193.8
12°	179.5
13°	165.5
14°	151.1
15°	137.6
17.5°	106.7
20°	81.0
22.5°	60.8
25°	45.7
27.5°	33.9
30°	24.9
32.5°	18.0
35°	12.9
37.5°	9.2
40°	6.4
42.5°	4.4
45°	3.1
47.5°	2.2
50°	1.7
52.5°	1.3
55°	1.1
57.5°	1.0
60°	0.8
62.5°	0.7
65°	0.7
67.5°	0.6
70°	0.6
72.5°	0.5
75°	0.4
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)