

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: P1275196

Luminaire Tested: P3AS02R559835DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275196
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559835DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

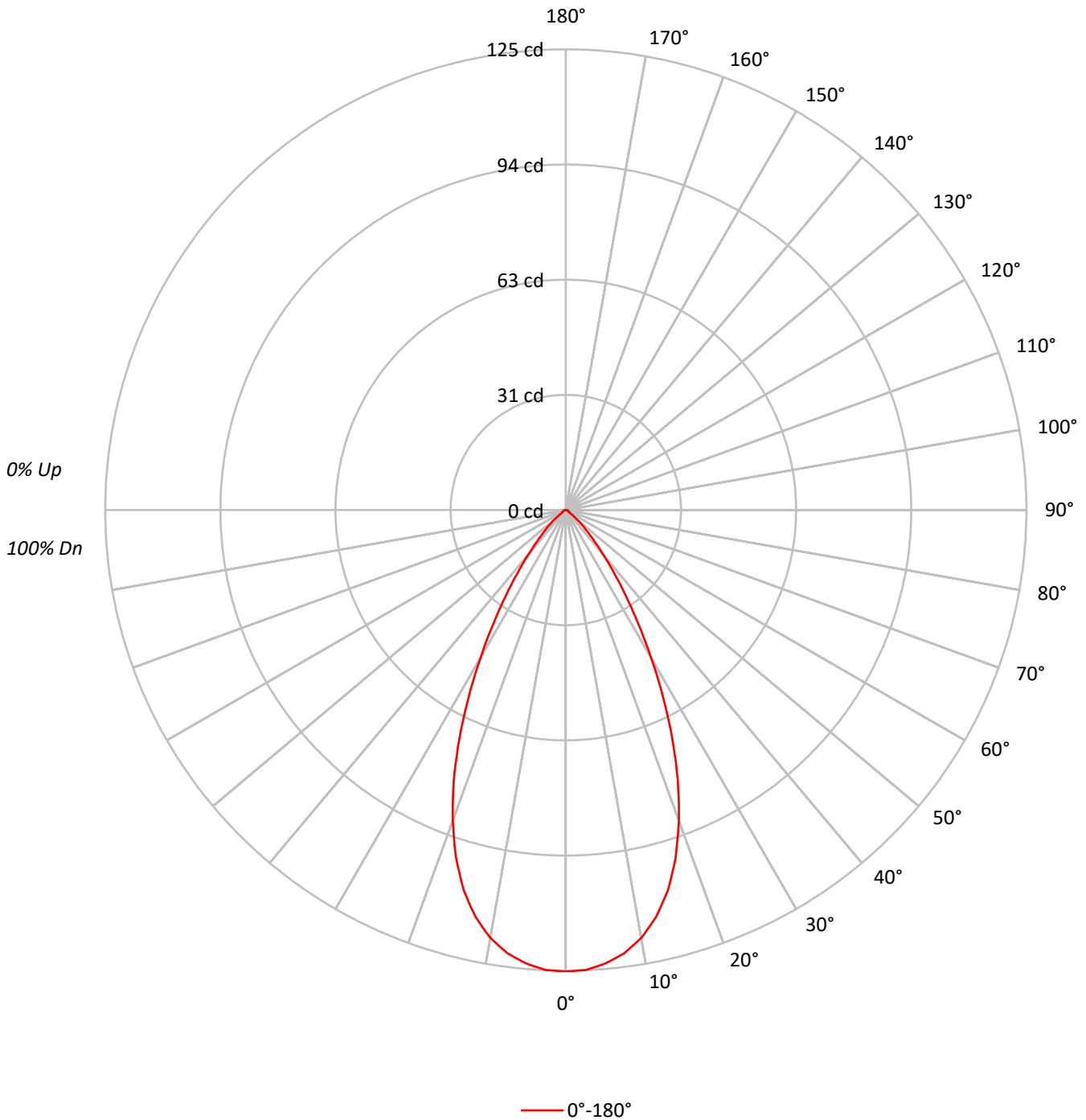
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 100.1 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (A_{in}): 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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	0
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93	93	93	93	93
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87	87	87	87	87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	81	81	81	81	81
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75	75
5	92	84	78	74	91	83	78	74	81	77	73	80	75	72	78	74	72	70	70	70	70	70
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62	62
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58	58	58	58	58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55	55	55	55	55
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	52	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	27454
5°	27185
10°	26252
15°	24268
20°	20932
25°	16525
30°	11723
35°	7576
40°	4551
45°	2574
50°	1365
55°	497
60°	439
65°	415
70°	385
75°	424
80°	379
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2574 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.6	11.6
10°-20°	29.6	29.5
20°-30°	31.0	31.0
30°-40°	18.1	18.1
40°-50°	6.8	6.8
50°-60°	1.6	1.6
60°-70°	0.8	0.8
70°-80°	0.5	0.5
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°	72.1	72.1
0°-40°	90.2	90.2
0°-60°	98.6	98.5
0°-90°	100.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	100.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	125	
5°	124	12
15°	107	30
25°	68	31
35°	28	18
45°	8	7
55°	1	2
65°	1	1
75°	0	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	125.2
2.5°	124.9
5°	123.5
7.5°	121.3
10°	117.9
12.5°	113.1
15°	106.9
17.5°	99.0
20°	89.7
22.5°	79.4
25°	68.3
27.5°	57.1
30°	46.3
32.5°	36.6
35°	28.3
37.5°	21.5
40°	15.9
42.5°	11.4
45°	8.3
47.5°	6.0
50°	4.0
52.5°	2.3
55°	1.3
57.5°	1.1
60°	1.0
62.5°	0.9
65°	0.8
67.5°	0.7
70°	0.6
72.5°	0.6
75°	0.5
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)