

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: P1274460

Luminaire Tested: P3AS17R459830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274460
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

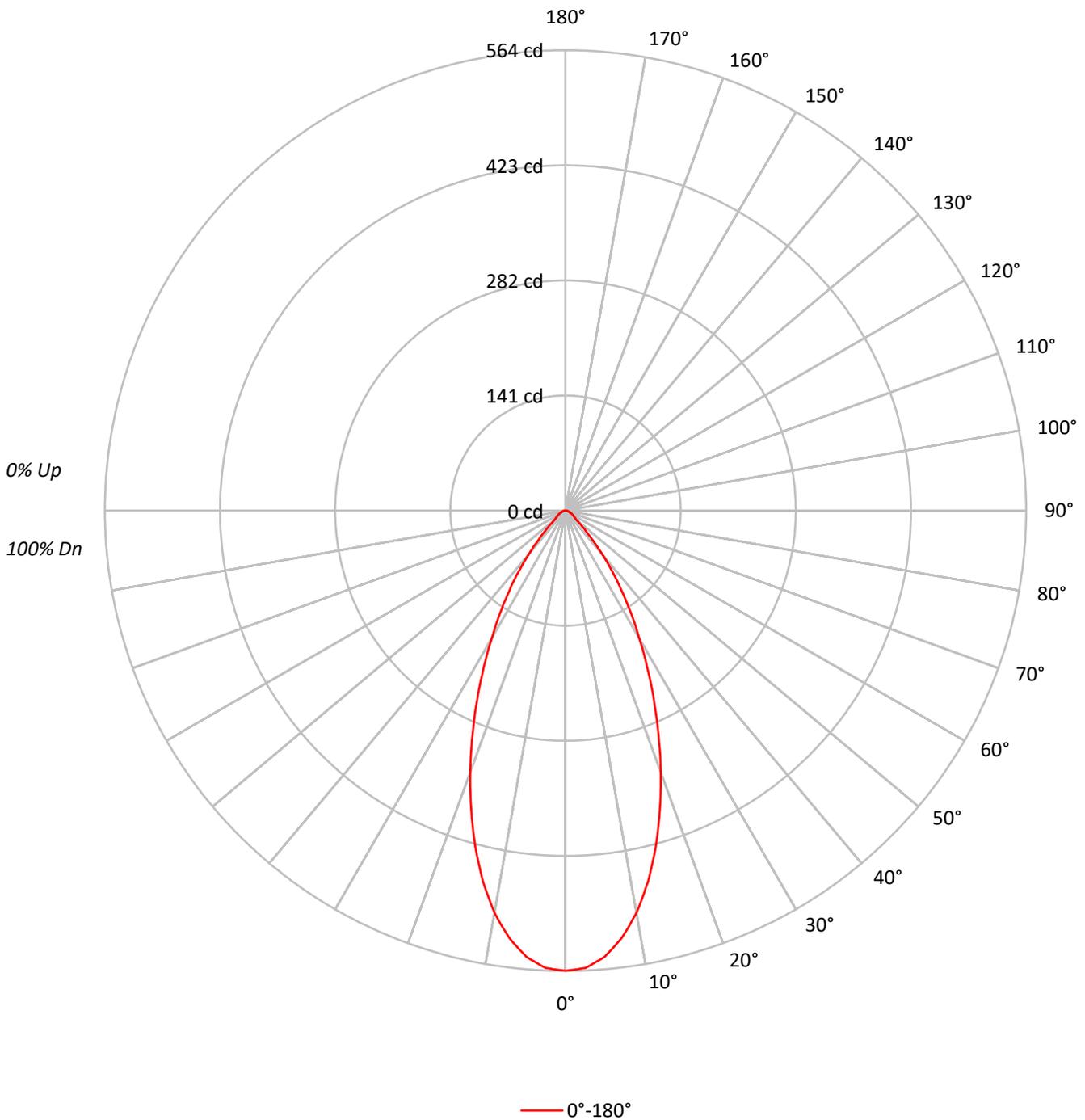
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 415.0 lumens
Efficiency: N/A
Efficacy: 20.3 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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				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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93	93	93	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86	86	86	86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79	79	79	79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74	74	74	74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69	69	69	69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64	64	64	64
7	83	73	67	63	81	72	67	62	71	66	62	70	65	62	69	65	61	60	60	60	60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56	56	56	56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53	53	53	53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50	50	50	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	123609
5°	120801
10°	111421
15°	96890
20°	79597
25°	61939
30°	45729
35°	32177
40°	20095
45°	10885
50°	5902
55°	5046
60°	4561
65°	3891
70°	3334
75°	3389
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10885 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.8	12.2
10°-20°	118.0	28.4
20°-30°	117.1	28.2
30°-40°	75.4	18.2
40°-50°	29.1	7.0
50°-60°	11.8	2.8
60°-70°	7.5	1.8
70°-80°	4.0	1.0
80°-90°	1.3	0.3
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°	286.0	68.9
0°-40°	361.4	87.1
0°-60°	402.3	96.9
0°-90°	415.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	415.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	564	
5°	549	51
15°	427	118
25°	256	117
35°	120	75
45°	35	29
55°	13	12
65°	8	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	563.7
2.5°	560.8
5°	548.8
7.5°	528.1
10°	500.4
12.5°	465.9
15°	426.8
17.5°	384.2
20°	341.1
22.5°	297.4
25°	256.0
27.5°	216.9
30°	180.6
32.5°	149.0
35°	120.2
37.5°	94.3
40°	70.2
42.5°	50.6
45°	35.1
47.5°	23.6
50°	17.3
52.5°	14.4
55°	13.2
57.5°	11.5
60°	10.4
62.5°	8.6
65°	7.5
67.5°	6.3
70°	5.2
72.5°	4.6
75°	4.0
77.5°	2.9
80°	2.3
82.5°	1.7
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)