

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: P1254953

Luminaire Tested: P3AS17R159035DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254953
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159035DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

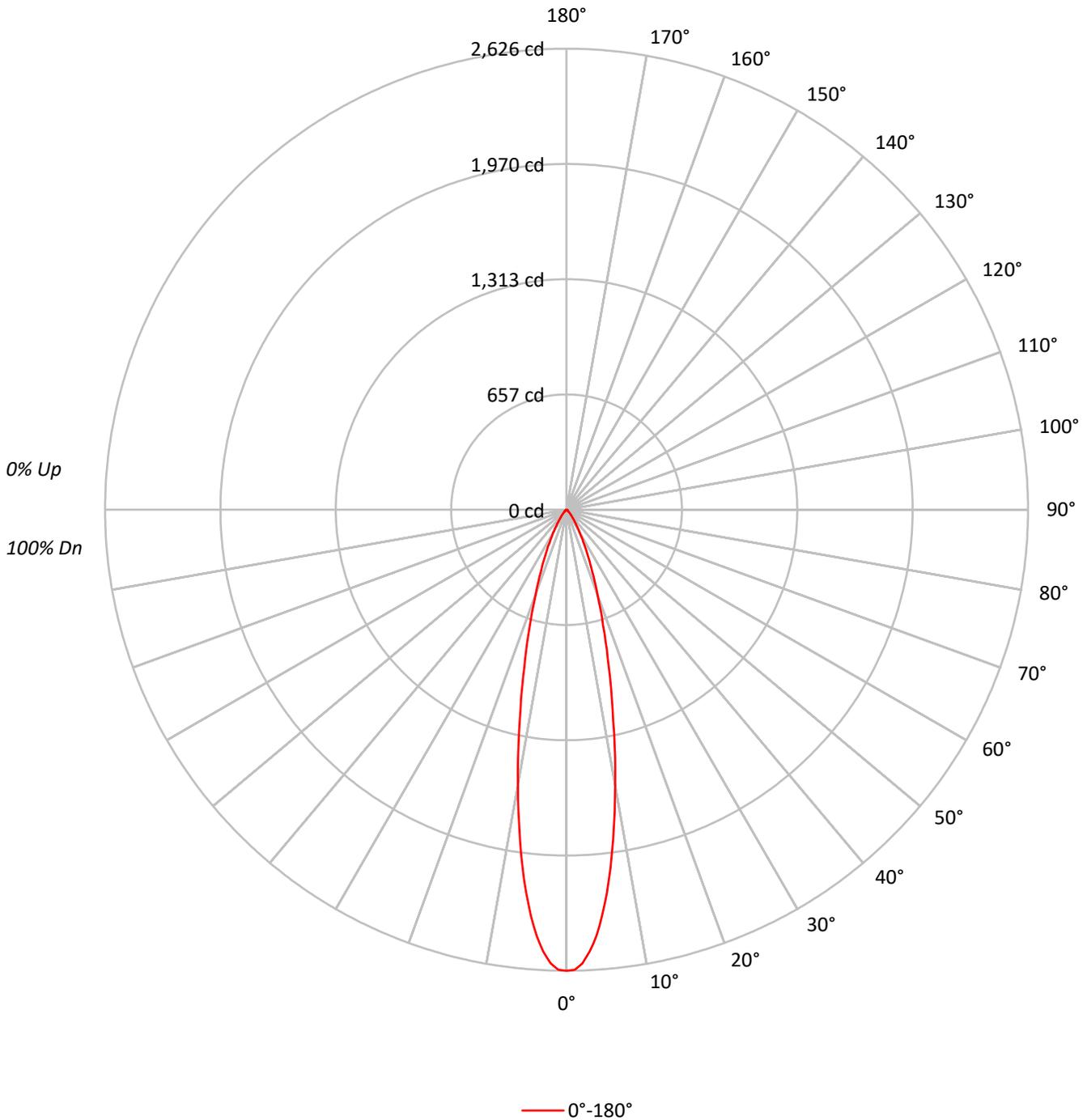
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 673.9 lumens
Efficiency: N/A
Efficacy: 31.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	96	94	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	88	92	90	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	89	87	83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	81	86	83	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	83	80	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	81	78	74
8	89	81	77	74	88	81	77	73	80	76	73	79	76	73	78	75	73	73	78	75	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	76	73	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	74	70	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	575765
5°	511093
10°	354926
15°	209899
20°	119547
25°	68327
30°	37803
35°	20157
40°	11164
45°	6047
50°	3753
55°	2982
60°	2544
65°	2335
70°	2052
75°	2203
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6047 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	197.4	29.3
10°-20°	260.6	38.7
20°-30°	134.2	19.9
30°-40°	50.4	7.5
40°-50°	16.5	2.4
50°-60°	7.1	1.1
60°-70°	4.5	0.7
70°-80°	2.6	0.4
80°-90°	0.7	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°	592.2	87.9
0°-40°	642.5	95.3
0°-60°	666.1	98.8
0°-90°	673.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	673.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2626	
5°	2322	197
15°	925	261
25°	282	134
35°	75	50
45°	20	16
55°	8	7
65°	4	4
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2625.7
1°	2620.5
2°	2586.1
3°	2520.5
4°	2434.2
5°	2321.9
6°	2194.6
7°	2055.0
8°	1899.8
9°	1746.6
10°	1594.0
12.5°	1226.5
15°	924.6
17.5°	692.1
20°	512.3
22.5°	382.4
25°	282.4
27.5°	205.8
30°	149.3
32.5°	105.8
35°	75.3
37.5°	53.9
40°	39.0
42.5°	27.9
45°	19.5
47.5°	14.3
50°	11.0
52.5°	9.1
55°	7.8
57.5°	6.5
60°	5.8
62.5°	5.2
65°	4.5
67.5°	3.9
70°	3.2
72.5°	3.2
75°	2.6
77.5°	1.9
80°	1.3
82.5°	1.3
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)