

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: P1260519

Luminaire Tested: P3AS17R609050DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260519
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609050DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

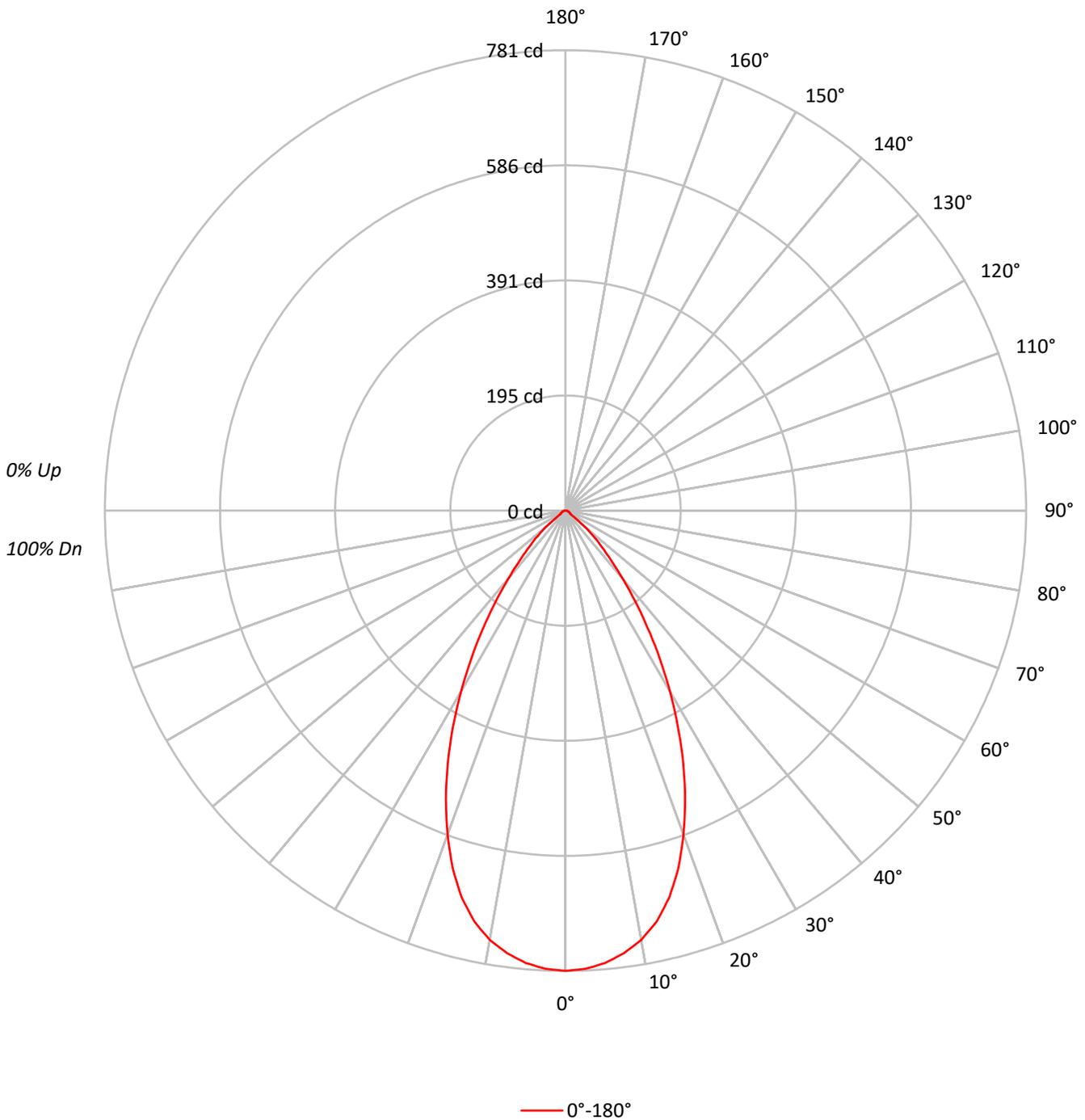
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 725.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
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	100			100
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79			79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73			73
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68			68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63			63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59			59
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55			55
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51			51
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48			48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171192
5°	169579
10°	164637
15°	154235
20°	136512
25°	114200
30°	89507
35°	64942
40°	43195
45°	26918
50°	14567
55°	4205
60°	3947
65°	3580
70°	3526
75°	3474
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26918 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.5	10.0
10°-20°	188.5	26.0
20°-30°	214.9	29.6
30°-40°	152.4	21.0
40°-50°	69.1	9.5
50°-60°	14.7	2.0
60°-70°	7.1	1.0
70°-80°	4.3	0.6
80°-90°	1.5	0.2
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°	475.9	65.6
0°-40°	628.3	86.7
0°-60°	712.1	98.2
0°-90°	725.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	725.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	781	
5°	770	73
15°	679	189
25°	472	215
35°	243	152
45°	87	69
55°	11	15
65°	7	7
75°	4	4
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	780.7
2.5°	778.0
5°	770.4
7.5°	757.3
10°	739.4
12.5°	713.9
15°	679.4
17.5°	636.0
20°	585.0
22.5°	529.9
25°	472.0
27.5°	412.8
30°	353.5
32.5°	297.0
35°	242.6
37.5°	194.3
40°	150.9
42.5°	114.4
45°	86.8
47.5°	64.8
50°	42.7
52.5°	20.0
55°	11.0
57.5°	9.6
60°	9.0
62.5°	8.3
65°	6.9
67.5°	6.2
70°	5.5
72.5°	4.8
75°	4.1
77.5°	3.4
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)