

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: P1258440

Luminaire Tested: P3AS24R309040D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258440
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309040D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

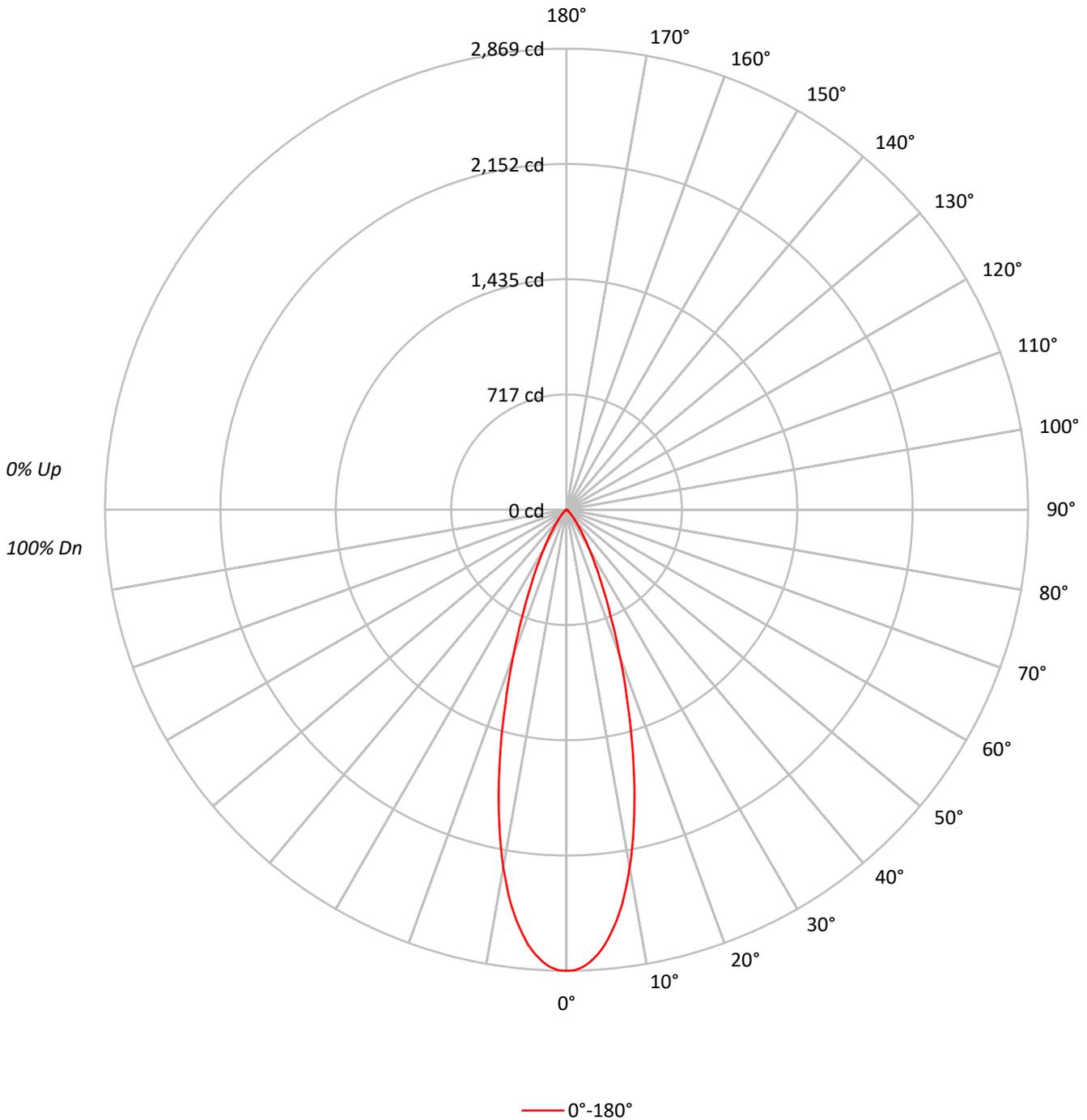
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1078.0 lumens
Efficiency: N/A
Efficacy: 37.4 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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			0	
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	98	97
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	85	82	79
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	81	78	76
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	79	75	73
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	76	72	70
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	73	70	67
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	71	67	65
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	69	66	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	629050
5°	598722
10°	503598
15°	363180
20°	225280
25°	128112
30°	71176
35°	38708
40°	20410
45°	11040
50°	5902
55°	3900
60°	3552
65°	3684
70°	3270
75°	2626
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11040 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	244.9	22.7
10°-20°	435.4	40.4
20°-30°	251.6	23.3
30°-40°	95.5	8.9
40°-50°	29.3	2.7
50°-60°	9.9	0.9
60°-70°	6.7	0.6
70°-80°	3.7	0.3
80°-90°	1.1	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°	931.9	86.4
0°-40°	1027.4	95.3
0°-60°	1066.6	98.9
0°-90°	1078.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1078.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2869	
5°	2720	245
15°	1600	435
25°	530	252
35°	145	96
45°	36	29
55°	10	10
65°	7	7
75°	3	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2868.7
1°	2866.6
2°	2849.3
3°	2816.7
4°	2776.0
5°	2720.0
6°	2648.7
7°	2569.3
8°	2480.7
9°	2374.8
10°	2261.7
11°	2139.5
12°	2010.2
13°	1874.8
14°	1737.3
15°	1599.8
17.5°	1261.7
20°	965.4
22.5°	715.9
25°	529.5
27.5°	384.9
30°	281.1
32.5°	202.7
35°	144.6
37.5°	100.8
40°	71.3
42.5°	49.9
45°	35.6
47.5°	24.4
50°	17.3
52.5°	12.2
55°	10.2
57.5°	9.2
60°	8.1
62.5°	7.1
65°	7.1
67.5°	6.1
70°	5.1
72.5°	4.1
75°	3.1
77.5°	3.1
80°	2.0
82.5°	2.0
85°	1.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)