

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: P1275869

Luminaire Tested: P3AS09R509835DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275869
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R509835DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

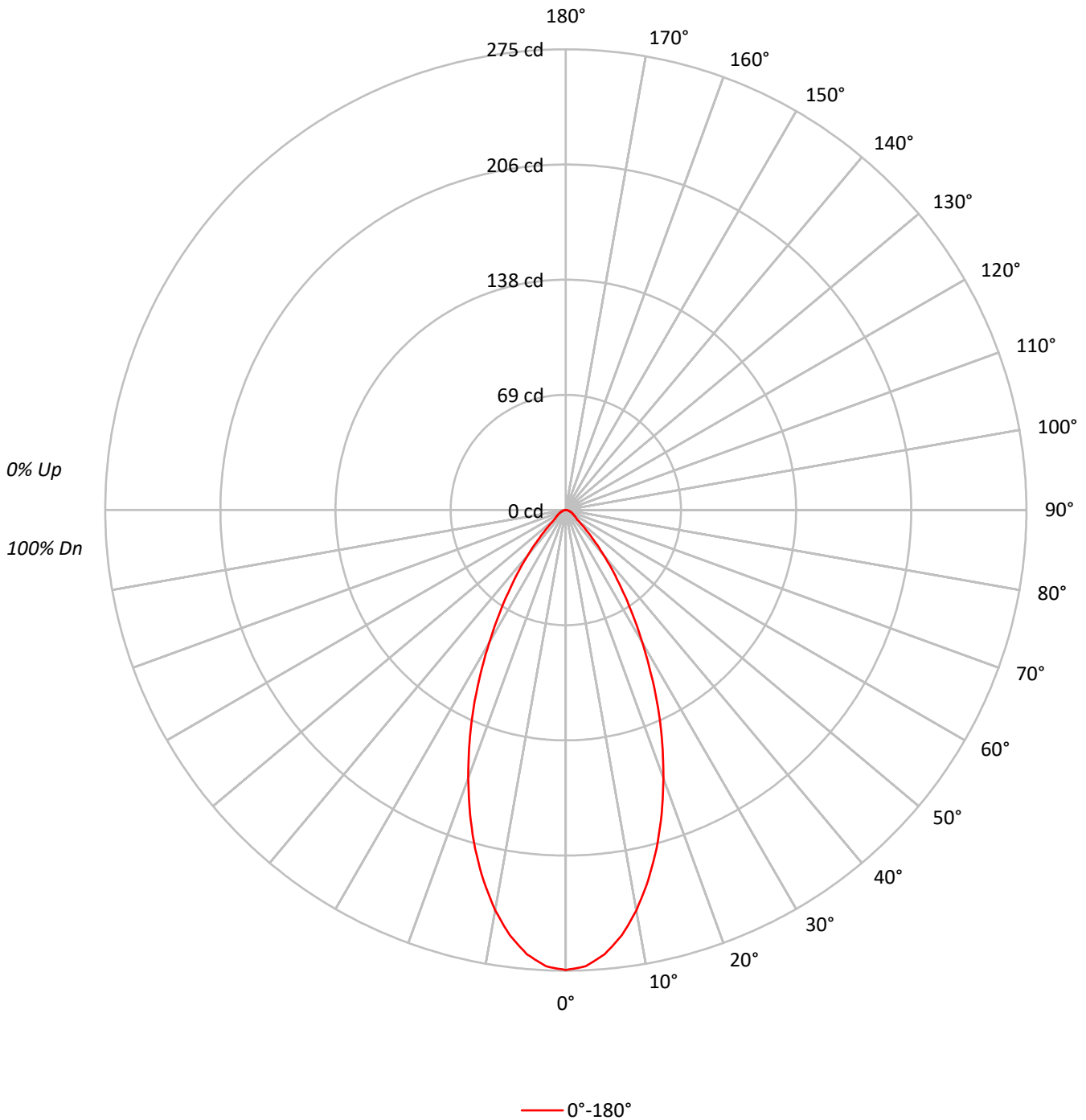
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 207.0 lumens
Efficiency: N/A
Efficacy: 18.8 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	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	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73				73
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	77	73	70	68				68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64				64
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60				60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56				56
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53				53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50				50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	60214
5°	58595
10°	54018
15°	47514
20°	39740
25°	31526
30°	23117
35°	15901
40°	10105
45°	5644
50°	3070
55°	2561
60°	2193
65°	2024
70°	1795
75°	1694
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5644 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	11.9
10°-20°	58.0	28.0
20°-30°	59.3	28.6
30°-40°	37.6	18.2
40°-50°	15.0	7.2
50°-60°	6.1	2.9
60°-70°	3.9	1.9
70°-80°	2.0	1.0
80°-90°	0.6	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°	141.9	68.5
0°-40°	179.5	86.7
0°-60°	200.5	96.9
0°-90°	207.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	207.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	275	
5°	266	25
15°	209	58
25°	130	59
35°	59	38
45°	18	15
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	274.6
2.5°	272.6
5°	266.2
7.5°	256.1
10°	242.6
12.5°	226.7
15°	209.3
17.5°	190.2
20°	170.3
22.5°	150.4
25°	130.3
27.5°	110.1
30°	91.3
32.5°	74.5
35°	59.4
37.5°	46.5
40°	35.3
42.5°	26.1
45°	18.2
47.5°	12.3
50°	9.0
52.5°	7.6
55°	6.7
57.5°	5.9
60°	5.0
62.5°	4.5
65°	3.9
67.5°	3.4
70°	2.8
72.5°	2.2
75°	2.0
77.5°	1.4
80°	1.1
82.5°	0.8
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)