

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: P1275553

Luminaire Tested: P3AS05R559835DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275553
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R559835DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

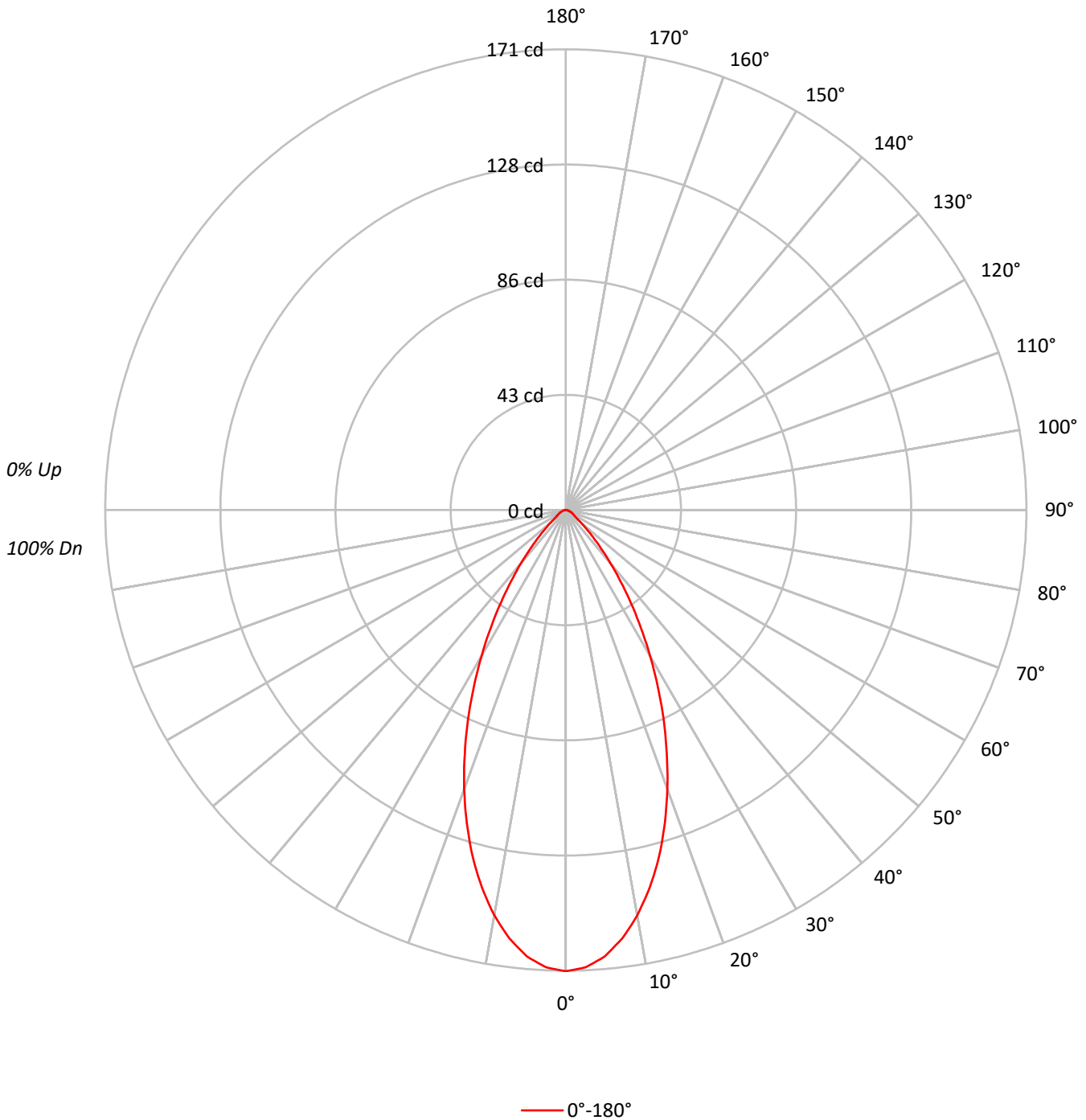
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 138.0 lumens
Efficiency: N/A
Efficacy: 19.2 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	110	108	105	103	104	102	100	100	98	97	97	95	94	92				92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79				79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67				67
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	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55				55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52				52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49				49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37541
5°	36606
10°	34023
15°	30307
20°	25739
25°	20783
30°	15851
35°	11270
40°	7443
45°	4404
50°	2593
55°	1606
60°	1403
65°	1297
70°	1090
75°	932
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4404 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.4	11.2
10°-20°	37.0	26.8
20°-30°	39.2	28.4
30°-40°	26.5	19.2
40°-50°	11.6	8.4
50°-60°	4.2	3.0
60°-70°	2.4	1.8
70°-80°	1.3	0.9
80°-90°	0.4	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°	91.6	66.4
0°-40°	118.1	85.6
0°-60°	133.9	97.0
0°-90°	138.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	138.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	171	
5°	166	15
15°	134	37
25°	86	39
35°	42	27
45°	14	12
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	171.2
2.5°	169.9
5°	166.3
7.5°	160.4
10°	152.8
12.5°	143.7
15°	133.5
17.5°	122.1
20°	110.3
22.5°	98.0
25°	85.9
27.5°	73.9
30°	62.6
32.5°	51.8
35°	42.1
37.5°	33.4
40°	26.0
42.5°	19.5
45°	14.2
47.5°	10.4
50°	7.6
52.5°	5.3
55°	4.2
57.5°	3.8
60°	3.2
62.5°	2.8
65°	2.5
67.5°	2.1
70°	1.7
72.5°	1.5
75°	1.1
77.5°	0.9
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)