

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: P1262425

Luminaire Tested: P3AS09R559727DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262425
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: P3AS09R559727DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

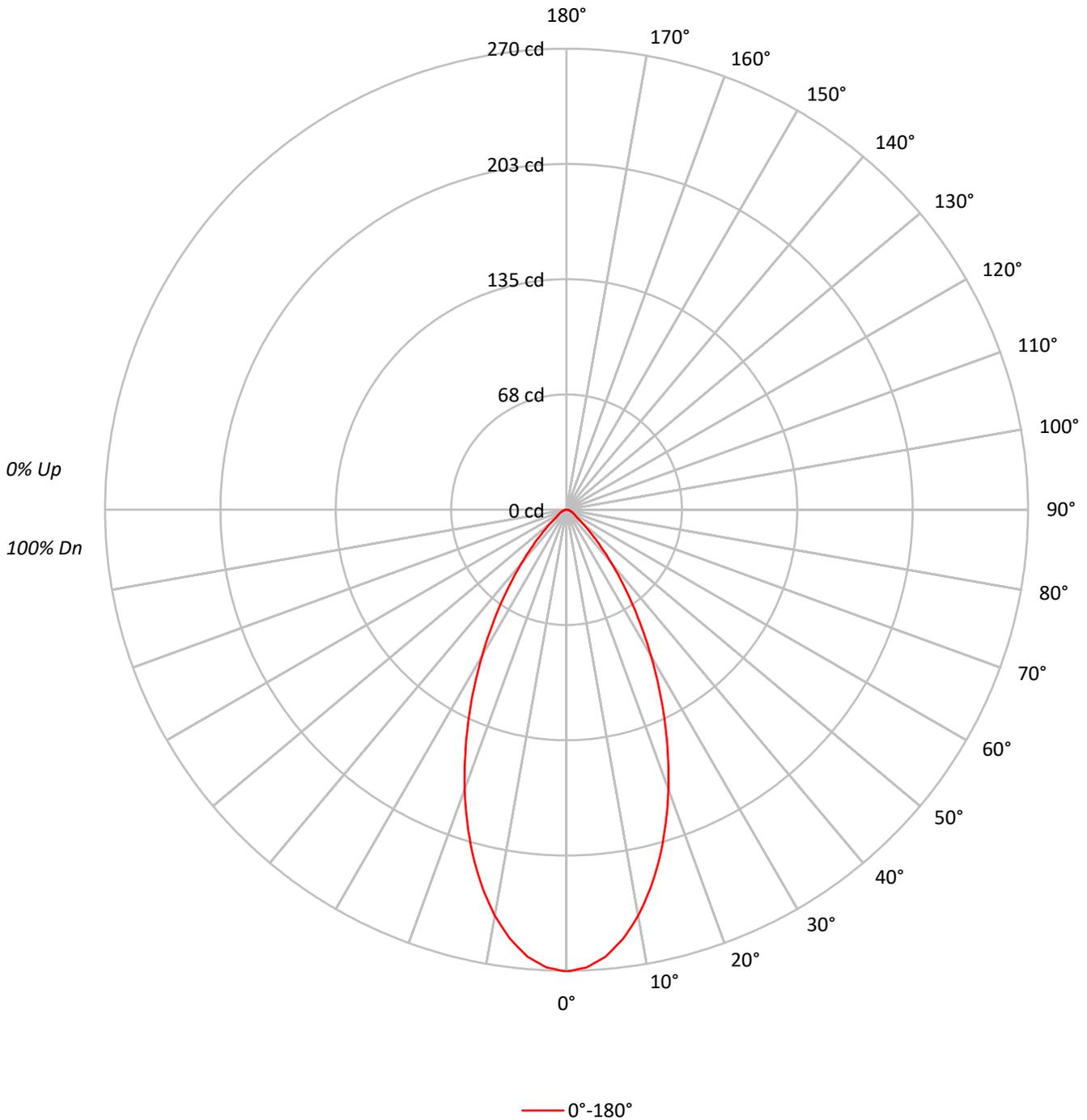
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 218.0 lumens
Efficiency: N/A
Efficacy: 19.6 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): 11.1
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	54	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49			49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59293
5°	57825
10°	53751
15°	47855
20°	40674
25°	32833
30°	25017
35°	17802
40°	11736
45°	6977
50°	4094
55°	2523
60°	2237
65°	2024
70°	1731
75°	1525
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6977 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.4	11.2
10°-20°	58.5	26.8
20°-30°	61.9	28.4
30°-40°	41.8	19.2
40°-50°	18.3	8.4
50°-60°	6.6	3.0
60°-70°	3.9	1.8
70°-80°	2.0	0.9
80°-90°	0.7	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°	144.7	66.4
0°-40°	186.6	85.6
0°-60°	211.5	97.0
0°-90°	218.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	218.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	270	
5°	263	24
15°	211	58
25°	136	62
35°	66	42
45°	22	18
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	270.4
2.5°	268.3
5°	262.7
7.5°	253.4
10°	241.4
12.5°	227.0
15°	210.8
17.5°	192.9
20°	174.3
22.5°	154.8
25°	135.7
27.5°	116.8
30°	98.8
32.5°	81.8
35°	66.5
37.5°	52.7
40°	41.0
42.5°	30.8
45°	22.5
47.5°	16.5
50°	12.0
52.5°	8.4
55°	6.6
57.5°	6.0
60°	5.1
62.5°	4.5
65°	3.9
67.5°	3.3
70°	2.7
72.5°	2.4
75°	1.8
77.5°	1.5
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)