

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: P1269550

Luminaire Tested: P3AS09R559740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269550
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R559740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

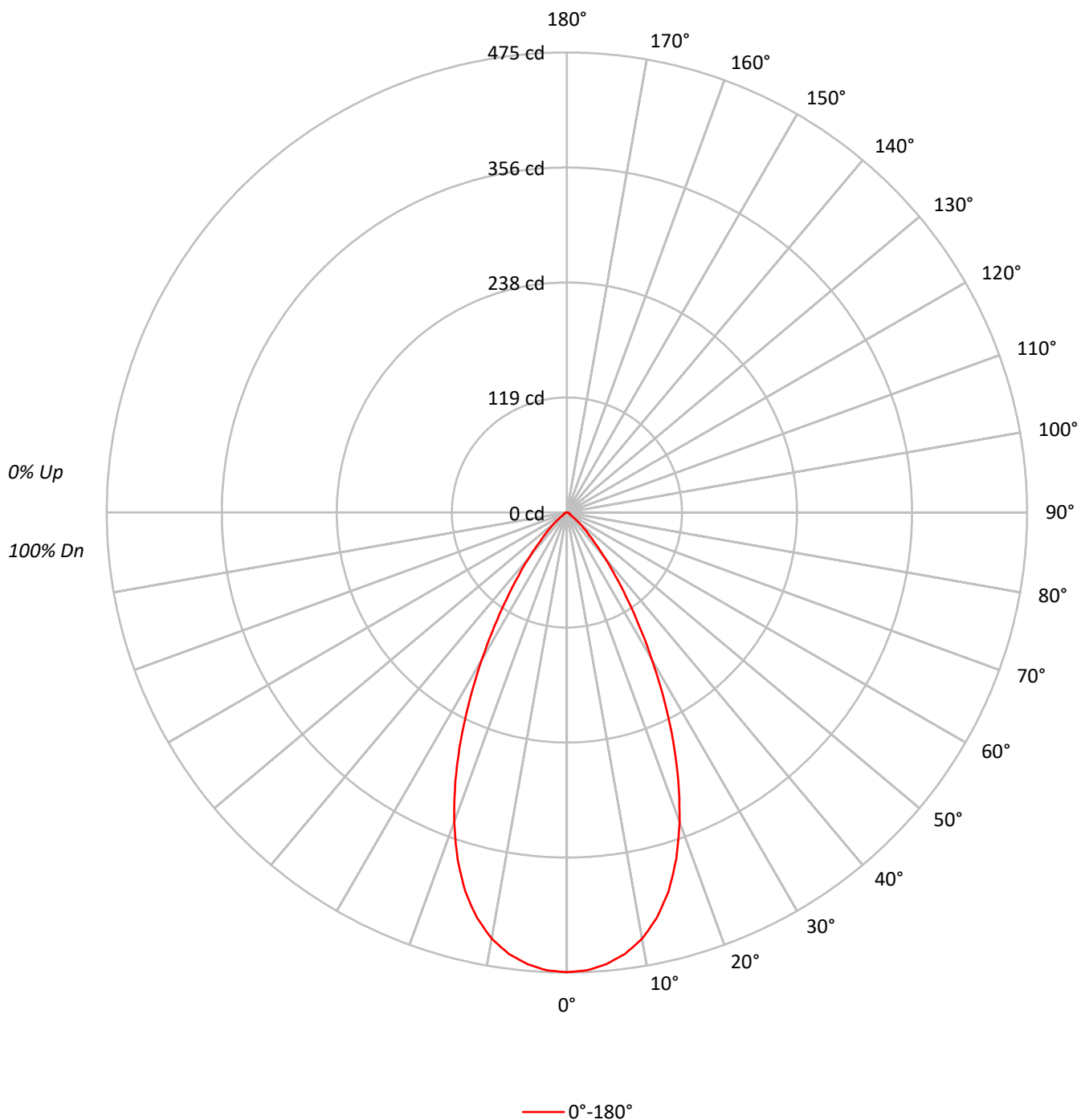
Lumens per Lamp: N/A
Luminaire Lumens: 379.0 lumens
Efficiency: N/A
Efficacy: 34.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70					50					30					10
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		
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93		
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87		
3	102	96	91	87	100	95	90	86	92	88	85	89	86	84	87	85	82	81		
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	83	79	77	75		
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70		
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66		
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62		
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58		
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55		
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104071
5°	103015
10°	99486
15°	91964
20°	79340
25°	62665
30°	44463
35°	28670
40°	17232
45°	9706
50°	5219
55°	1873
60°	1667
65°	1608
70°	1539
75°	1440
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9706 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.0	11.6
10°-20°	112.0	29.6
20°-30°	117.4	31.0
30°-40°	68.5	18.1
40°-50°	25.6	6.8
50°-60°	6.0	1.6
60°-70°	3.1	0.8
70°-80°	1.8	0.5
80°-90°	0.5	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°	273.4	72.1
0°-40°	341.9	90.2
0°-60°	373.6	98.6
0°-90°	379.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	379.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	475	
5°	468	44
15°	405	112
25°	259	117
35°	107	68
45°	31	26
55°	5	6
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	474.6
2.5°	473.2
5°	468.0
7.5°	459.6
10°	446.8
12.5°	428.7
15°	405.1
17.5°	375.2
20°	340.0
22.5°	300.8
25°	259.0
27.5°	216.3
30°	175.6
32.5°	138.7
35°	107.1
37.5°	81.4
40°	60.2
42.5°	43.1
45°	31.3
47.5°	22.6
50°	15.3
52.5°	8.7
55°	4.9
57.5°	4.2
60°	3.8
62.5°	3.5
65°	3.1
67.5°	2.8
70°	2.4
72.5°	2.1
75°	1.7
77.5°	1.4
80°	1.0
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)