

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: P1271663

Luminaire Tested: P3AS09R409827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271663
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

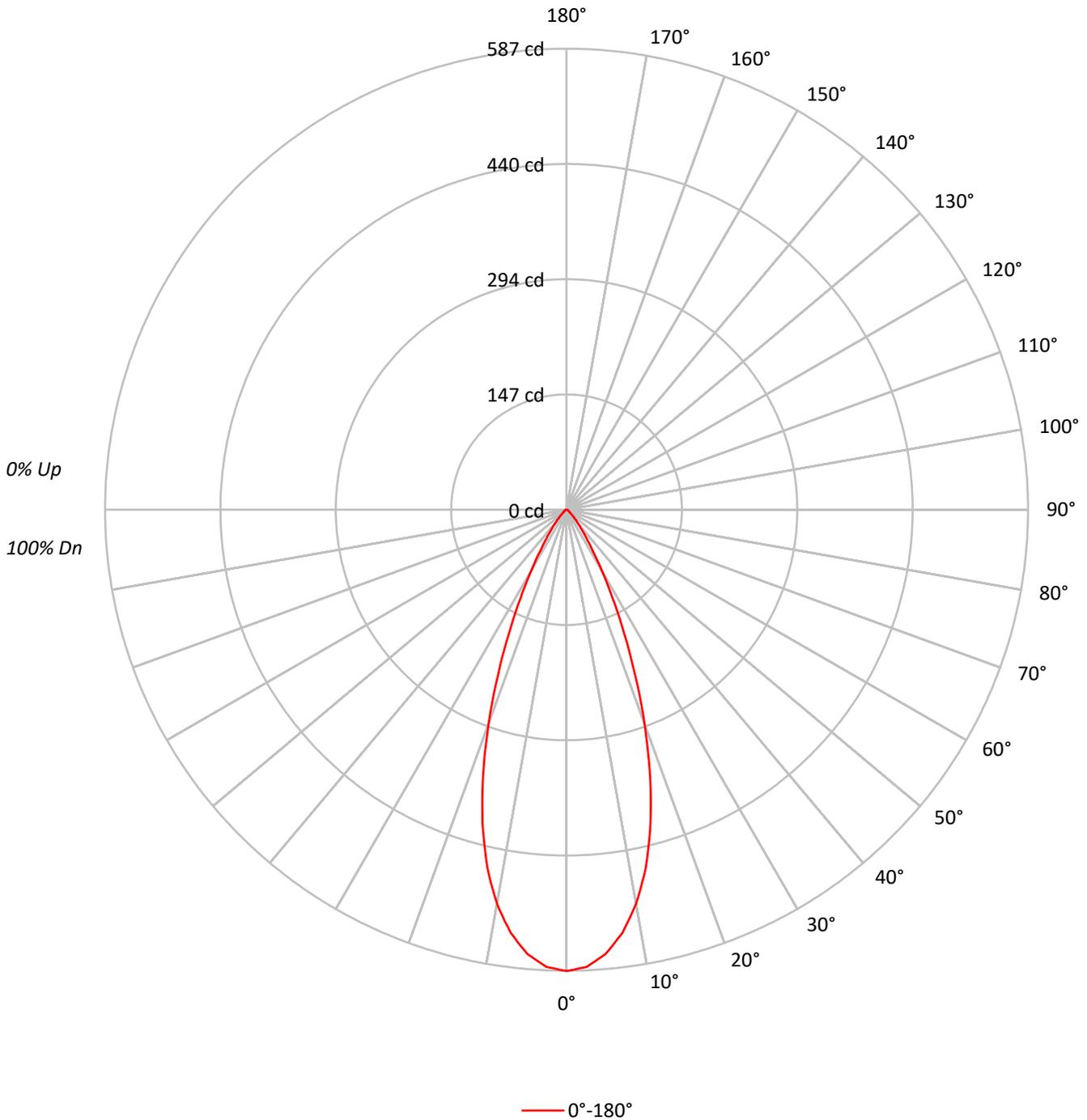
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 290.9 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
Input Voltage (V): NR
Input Current (A_{in}): 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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95				95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89				89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84				84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80				80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76				76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72				72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69				69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65				65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63				63
10	79	70	65	62	78	70	65	62	69	64	61	68	64	61	67	64	61	60				60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	128762
5°	125027
10°	113447
15°	93735
20°	67603
25°	41809
30°	22636
35°	11698
40°	6355
45°	3566
50°	1774
55°	1338
60°	1184
65°	1141
70°	1090
75°	1017
80°	884
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3566 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.4	18.0
10°-20°	112.4	38.7
20°-30°	80.2	27.6
30°-40°	29.5	10.2
40°-50°	9.3	3.2
50°-60°	3.2	1.1
60°-70°	2.2	0.8
70°-80°	1.3	0.4
80°-90°	0.3	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°	245.0	84.2
0°-40°	274.5	94.4
0°-60°	287.0	98.7
0°-90°	290.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	290.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	587	
5°	568	52
15°	413	112
25°	173	80
35°	44	30
45°	12	9
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	587.2
2.5°	582.7
5°	568.0
7.5°	543.5
10°	509.5
12.5°	466.3
15°	412.9
17.5°	352.9
20°	289.7
22.5°	227.5
25°	172.8
27.5°	126.9
30°	89.4
32.5°	62.7
35°	43.7
37.5°	31.0
40°	22.2
42.5°	16.0
45°	11.5
47.5°	7.7
50°	5.2
52.5°	3.7
55°	3.5
57.5°	3.2
60°	2.7
62.5°	2.5
65°	2.2
67.5°	2.0
70°	1.7
72.5°	1.5
75°	1.2
77.5°	1.0
80°	0.7
82.5°	0.5
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)