

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: P1256967

Luminaire Tested: P3AS09R309040DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256967
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309040DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

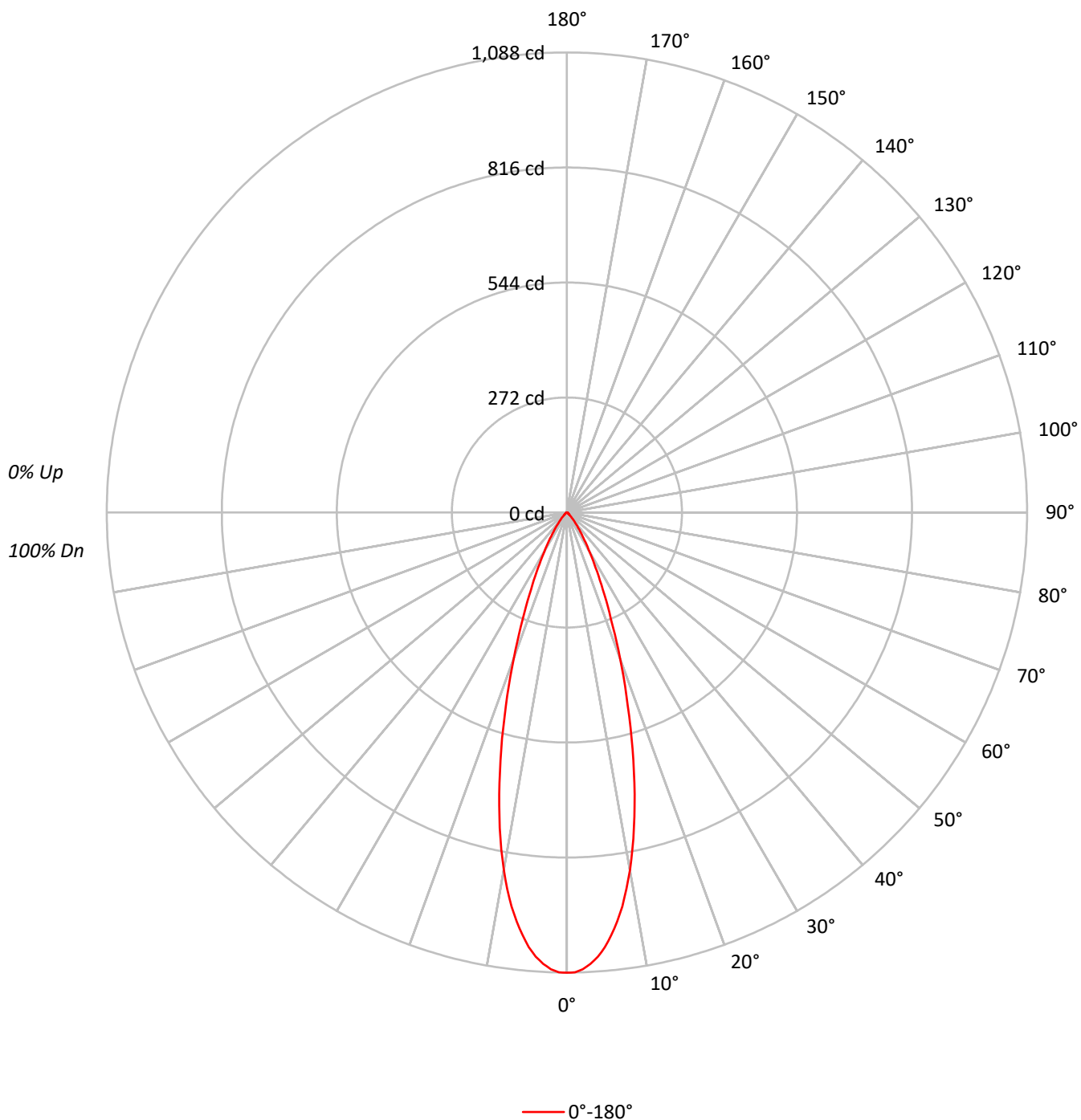
Lumens per Lamp: N/A
Luminaire Lumens: 409.0 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	87
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	83
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	79
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	75
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	74	71
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	78	75	73	71	70	69
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	68	66
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	65	63
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	62	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	238665
5°	227162
10°	191067
15°	137799
20°	85477
25°	48608
30°	26991
35°	14696
40°	7729
45°	4186
50°	2252
55°	1491
60°	1360
65°	1401
70°	1218
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4186 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.9	22.7
10°-20°	165.2	40.4
20°-30°	95.5	23.3
30°-40°	36.2	8.9
40°-50°	11.1	2.7
50°-60°	3.8	0.9
60°-70°	2.5	0.6
70°-80°	1.4	0.3
80°-90°	0.4	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°	353.6	86.4
0°-40°	389.8	95.3
0°-60°	404.7	98.9
0°-90°	409.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	409.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1088	
5°	1032	93
15°	607	165
25°	201	95
35°	55	36
45°	14	11
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1088.4
1°	1087.6
2°	1081.1
3°	1068.7
4°	1053.2
5°	1032.0
6°	1004.9
7°	974.8
8°	941.2
9°	901.0
10°	858.1
11°	811.8
12°	762.7
13°	711.3
14°	659.1
15°	607.0
17.5°	478.7
20°	366.3
22.5°	271.6
25°	200.9
27.5°	146.0
30°	106.6
32.5°	76.9
35°	54.9
37.5°	38.3
40°	27.0
42.5°	18.9
45°	13.5
47.5°	9.3
50°	6.6
52.5°	4.6
55°	3.9
57.5°	3.5
60°	3.1
62.5°	2.7
65°	2.7
67.5°	2.3
70°	1.9
72.5°	1.5
75°	1.2
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)