

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: P1257197

Luminaire Tested: P3AS09R709040DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257197
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R709040DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

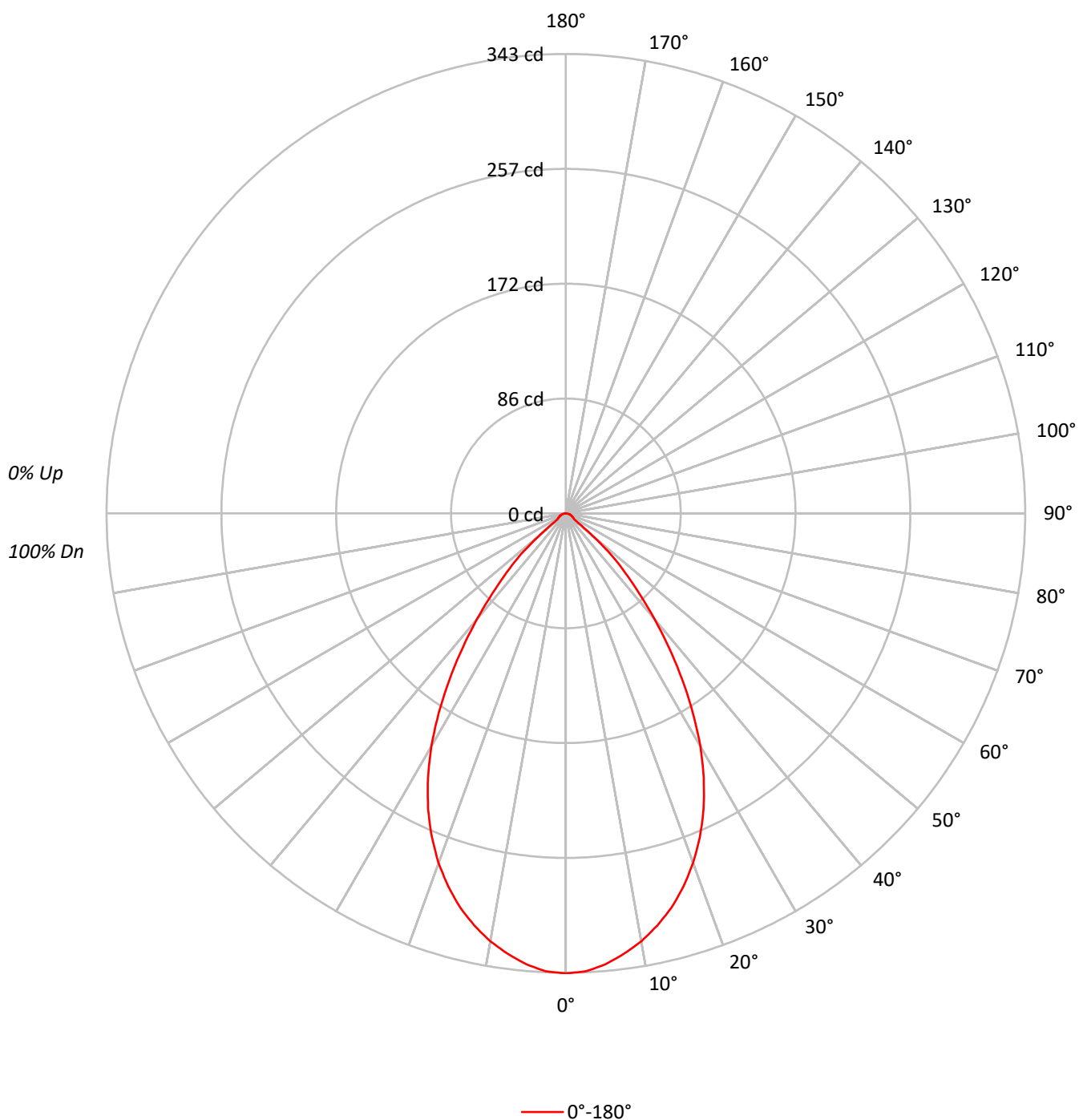
Lumens per Lamp: N/A
Luminaire Lumens: 389.0 lumens
Efficiency: N/A
Efficacy: 35.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75301
5°	74400
10°	72254
15°	69194
20°	64826
25°	58890
30°	50869
35°	40529
40°	29512
45°	19413
50°	9108
55°	2791
60°	2719
65°	2594
70°	2500
75°	2626
80°	2399
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19413 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	8.2
10°-20°	85.3	21.9
20°-30°	110.9	28.5
30°-40°	94.1	24.2
40°-50°	48.5	12.5
50°-60°	9.4	2.4
60°-70°	5.1	1.3
70°-80°	3.1	0.8
80°-90°	0.9	0.2
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°	228.0	58.6
0°-40°	322.1	82.8
0°-60°	379.9	97.7
0°-90°	389.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	389.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	343	
5°	338	32
15°	305	85
25°	243	111
35°	151	94
45°	63	49
55°	7	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	343.4
2.5°	342.3
5°	338.0
7.5°	331.8
10°	324.5
12.5°	315.2
15°	304.8
17.5°	292.0
20°	277.8
22.5°	261.5
25°	243.4
27.5°	222.9
30°	200.9
32.5°	176.5
35°	151.4
37.5°	126.7
40°	103.1
42.5°	81.1
45°	62.6
47.5°	46.0
50°	26.7
52.5°	11.6
55°	7.3
57.5°	7.0
60°	6.2
62.5°	5.8
65°	5.0
67.5°	4.6
70°	3.9
72.5°	3.5
75°	3.1
77.5°	2.3
80°	1.9
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)