

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: P1257139

Luminaire Tested: P3AS09R609040DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257139
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609040DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

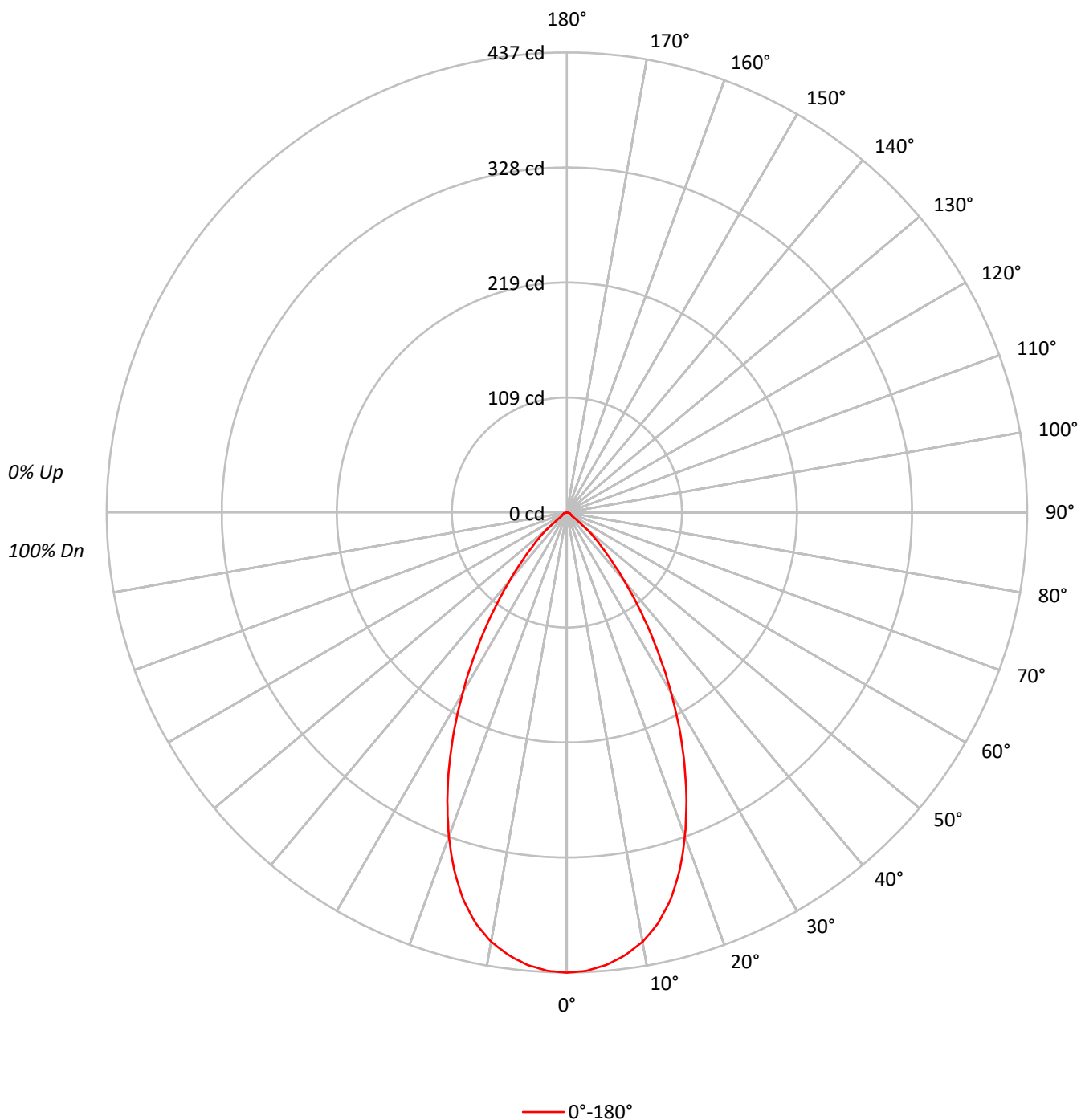
Lumens per Lamp: N/A
Luminaire Lumens: 406.0 lumens
Efficiency: N/A
Efficacy: 36.6 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		67
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	95870
5°	94959
10°	92183
15°	86380
20°	76447
25°	63947
30°	50134
35°	36353
40°	24188
45°	15071
50°	8153
55°	2370
60°	2193
65°	2024
70°	1988
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15071 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.6	10.0
10°-20°	105.6	26.0
20°-30°	120.3	29.6
30°-40°	85.3	21.0
40°-50°	38.7	9.5
50°-60°	8.2	2.0
60°-70°	4.0	1.0
70°-80°	2.4	0.6
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°	266.5	65.6
0°-40°	351.8	86.7
0°-60°	398.8	98.2
0°-90°	406.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	406.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	437	
5°	431	41
15°	380	106
25°	264	120
35°	136	85
45°	49	39
55°	6	8
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	437.2
2.5°	435.7
5°	431.4
7.5°	424.1
10°	414.0
12.5°	399.8
15°	380.5
17.5°	356.2
20°	327.6
22.5°	296.7
25°	264.3
27.5°	231.1
30°	198.0
32.5°	166.3
35°	135.8
37.5°	108.8
40°	84.5
42.5°	64.1
45°	48.6
47.5°	36.3
50°	23.9
52.5°	11.2
55°	6.2
57.5°	5.4
60°	5.0
62.5°	4.6
65°	3.9
67.5°	3.5
70°	3.1
72.5°	2.7
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)