

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: P1256970

Luminaire Tested: P3AS09R309040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256970
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 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

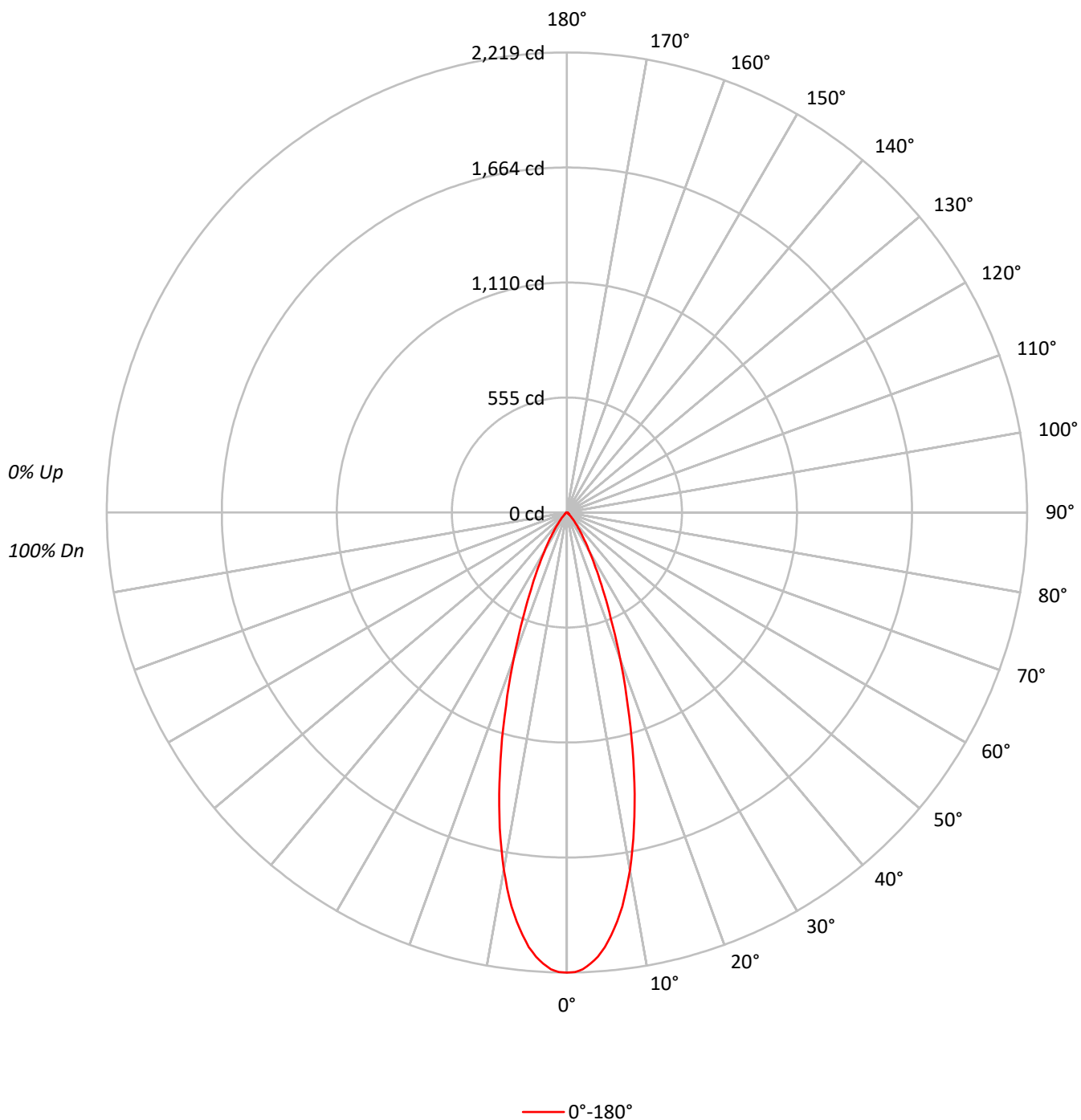
Lumens per Lamp: N/A
Luminaire Lumens: 834.0 lumens
Efficiency: N/A
Efficacy: 75.1 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		78
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	486672
5°	463195
10°	389616
15°	280978
20°	174292
25°	99127
30°	55046
35°	29955
40°	15772
45°	8559
50°	4571
55°	3020
60°	2763
65°	2854
70°	2500
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.5	22.7
10°-20°	336.8	40.4
20°-30°	194.7	23.3
30°-40°	73.9	8.9
40°-50°	22.7	2.7
50°-60°	7.7	0.9
60°-70°	5.1	0.6
70°-80°	2.8	0.3
80°-90°	0.9	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°	721.0	86.4
0°-40°	794.9	95.3
0°-60°	825.2	98.9
0°-90°	834.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	834.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2219	
5°	2104	189
15°	1238	337
25°	410	195
35°	112	74
45°	28	23
55°	8	8
65°	6	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2219.4
1°	2217.8
2°	2204.4
3°	2179.2
4°	2147.7
5°	2104.3
6°	2049.2
7°	1987.7
8°	1919.2
9°	1837.3
10°	1749.8
11°	1655.3
12°	1555.2
13°	1450.4
14°	1344.1
15°	1237.7
17.5°	976.1
20°	746.9
22.5°	553.9
25°	409.7
27.5°	297.8
30°	217.4
32.5°	156.8
35°	111.9
37.5°	78.0
40°	55.1
42.5°	38.6
45°	27.6
47.5°	18.9
50°	13.4
52.5°	9.5
55°	7.9
57.5°	7.1
60°	6.3
62.5°	5.5
65°	5.5
67.5°	4.7
70°	3.9
72.5°	3.2
75°	2.4
77.5°	2.4
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)