

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: P1256129

Luminaire Tested: P3AS02R209040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256129
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

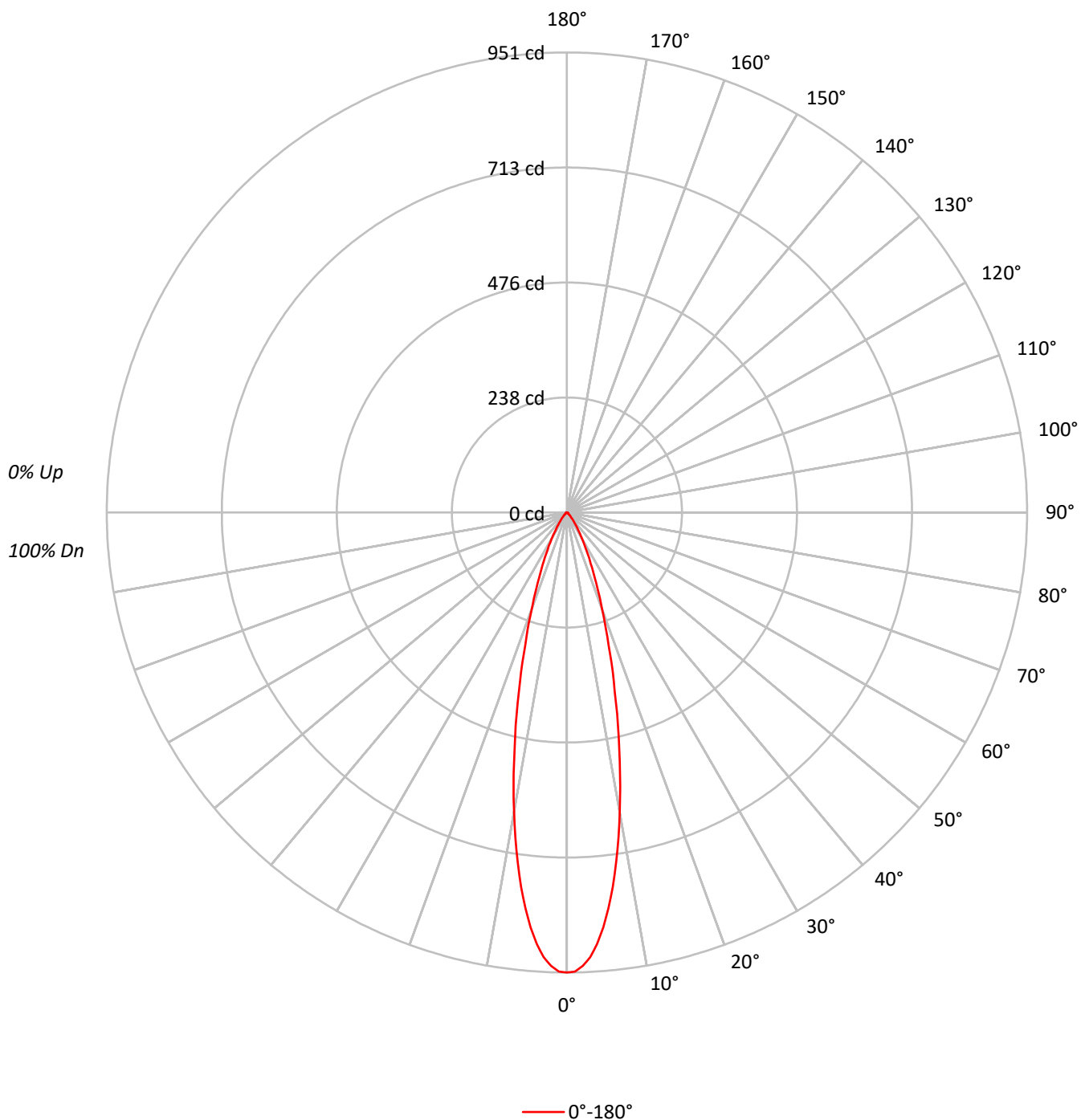
Lumens per Lamp: N/A
Luminaire Lumens: 271.0 lumens
Efficiency: N/A
Efficacy: 75.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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					30					10					0
RW	70	50	30	10		70	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
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	106	102	100		108	104	101	98		101	98	96		98	96	94		95	94	92
3	106	100	96	93		104	99	95	92		97	93	91		94	92	89		92	90	88
4	102	96	91	88		100	95	90	87		92	89	86		91	88	85		89	86	84
5	98	91	87	83		97	90	86	83		89	85	82		87	84	81		86	83	81
6	95	87	83	79		93	87	82	79		85	81	78		84	81	78		83	80	77
7	91	84	79	76		90	83	79	76		82	78	75		81	78	75		80	77	75
8	88	81	76	73		87	80	76	73		79	75	72		78	75	72		78	74	72
9	85	78	73	70		85	77	73	70		77	73	70		76	72	69		75	72	69
10	83	75	71	68		82	75	70	67		74	70	67		73	70	67		73	69	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	208514
5°	189544
10°	140078
15°	86652
20°	49494
25°	28260
30°	15851
35°	8620
40°	4723
45°	2605
50°	1535
55°	1109
60°	1053
65°	934
70°	833
75°	847
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2605 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.6	27.5
10°-20°	106.4	39.3
20°-30°	55.6	20.5
30°-40°	21.5	7.9
40°-50°	7.0	2.6
50°-60°	2.8	1.0
60°-70°	1.8	0.7
70°-80°	1.1	0.4
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°	236.6	87.3
0°-40°	258.1	95.2
0°-60°	267.8	98.8
0°-90°	271.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	271.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	951	
5°	861	75
15°	382	106
25°	117	56
35°	32	21
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	950.9
1°	949.0
2°	937.8
3°	920.5
4°	893.8
5°	861.1
6°	822.3
7°	779.4
8°	729.6
9°	681.2
10°	629.1
12.5°	500.0
15°	381.7
17.5°	285.6
20°	212.1
22.5°	157.1
25°	116.8
27.5°	86.1
30°	62.6
32.5°	45.3
35°	32.2
37.5°	23.3
40°	16.5
42.5°	11.8
45°	8.4
47.5°	6.0
50°	4.5
52.5°	3.4
55°	2.9
57.5°	2.6
60°	2.4
62.5°	2.1
65°	1.8
67.5°	1.6
70°	1.3
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)