

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: P1246834

Luminaire Tested: P3A13R209024DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246834
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: P3A13R209024DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

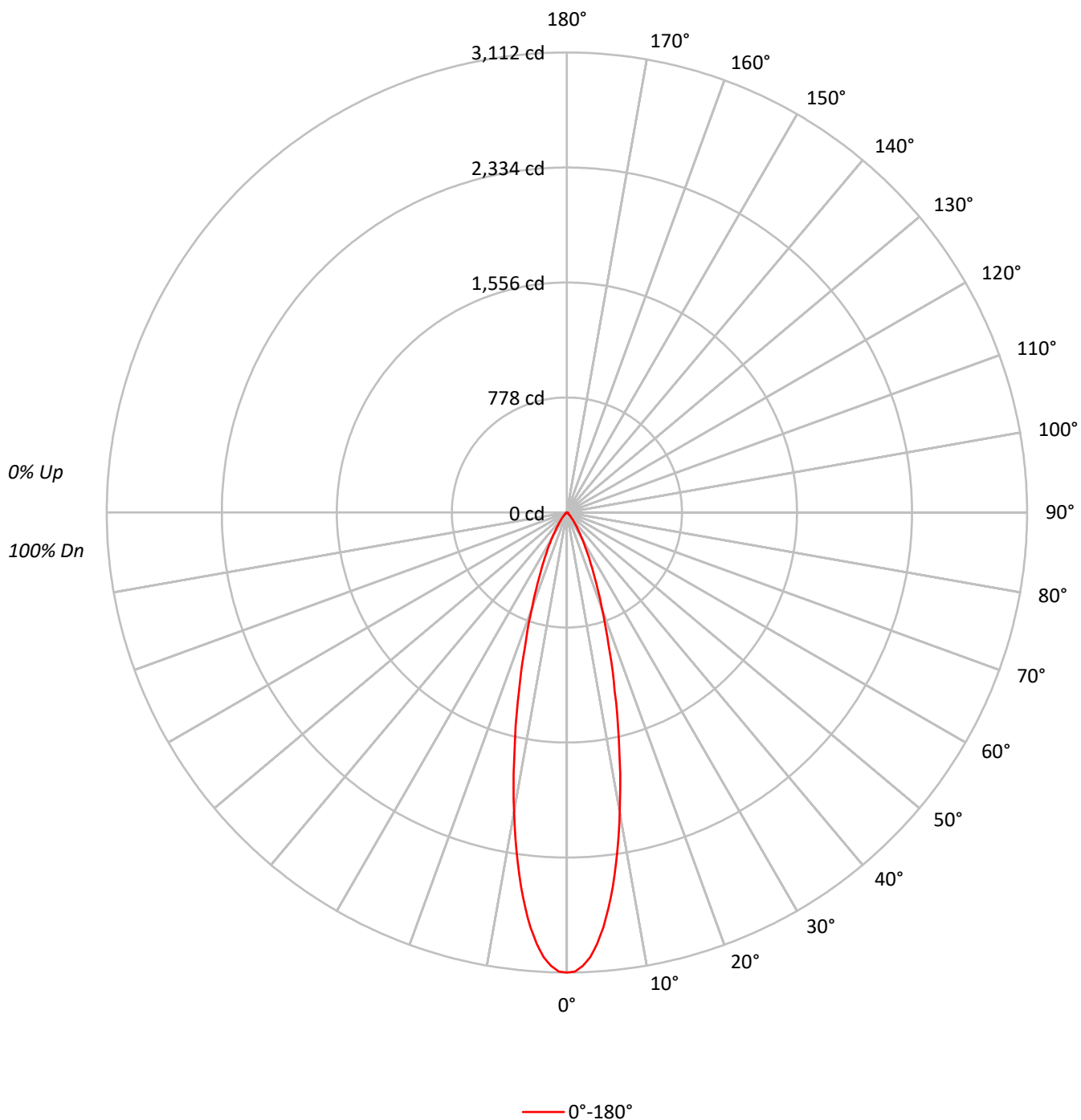
Lumens per Lamp: N/A
Luminaire Lumens: 887.0 lumens
Efficiency: N/A
Efficacy: 60.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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				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	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	682445
5°	620359
10°	458486
15°	283611
20°	161971
25°	92473
30°	51856
35°	28215
40°	15458
45°	8497
50°	4981
55°	3594
60°	3377
65°	3113
70°	2757
75°	2881
80°	2147
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	244.0	27.5
10°-20°	348.4	39.3
20°-30°	181.8	20.5
30°-40°	70.3	7.9
40°-50°	22.8	2.6
50°-60°	9.0	1.0
60°-70°	5.9	0.7
70°-80°	3.5	0.4
80°-90°	1.2	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°	774.3	87.3
0°-40°	844.6	95.2
0°-60°	876.4	98.8
0°-90°	887.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	887.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3112	
5°	2818	244
15°	1249	348
25°	382	182
35°	105	70
45°	27	23
55°	9	9
65°	6	6
75°	3	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3112.2
1°	3106.2
2°	3069.4
3°	3012.8
4°	2925.4
5°	2818.3
6°	2691.5
7°	2550.9
8°	2388.1
9°	2229.6
10°	2059.1
12.5°	1636.6
15°	1249.3
17.5°	934.9
20°	694.1
22.5°	514.1
25°	382.2
27.5°	281.9
30°	204.8
32.5°	148.2
35°	105.4
37.5°	76.3
40°	54.0
42.5°	38.6
45°	27.4
47.5°	19.7
50°	14.6
52.5°	11.1
55°	9.4
57.5°	8.6
60°	7.7
62.5°	6.9
65°	6.0
67.5°	5.1
70°	4.3
72.5°	4.3
75°	3.4
77.5°	2.6
80°	1.7
82.5°	1.7
85°	0.9
87.5°	0.9
90°	0.0

(END OF REPORT)