

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: P1262264

Luminaire Tested: P3AS09R309727DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262264
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309727DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

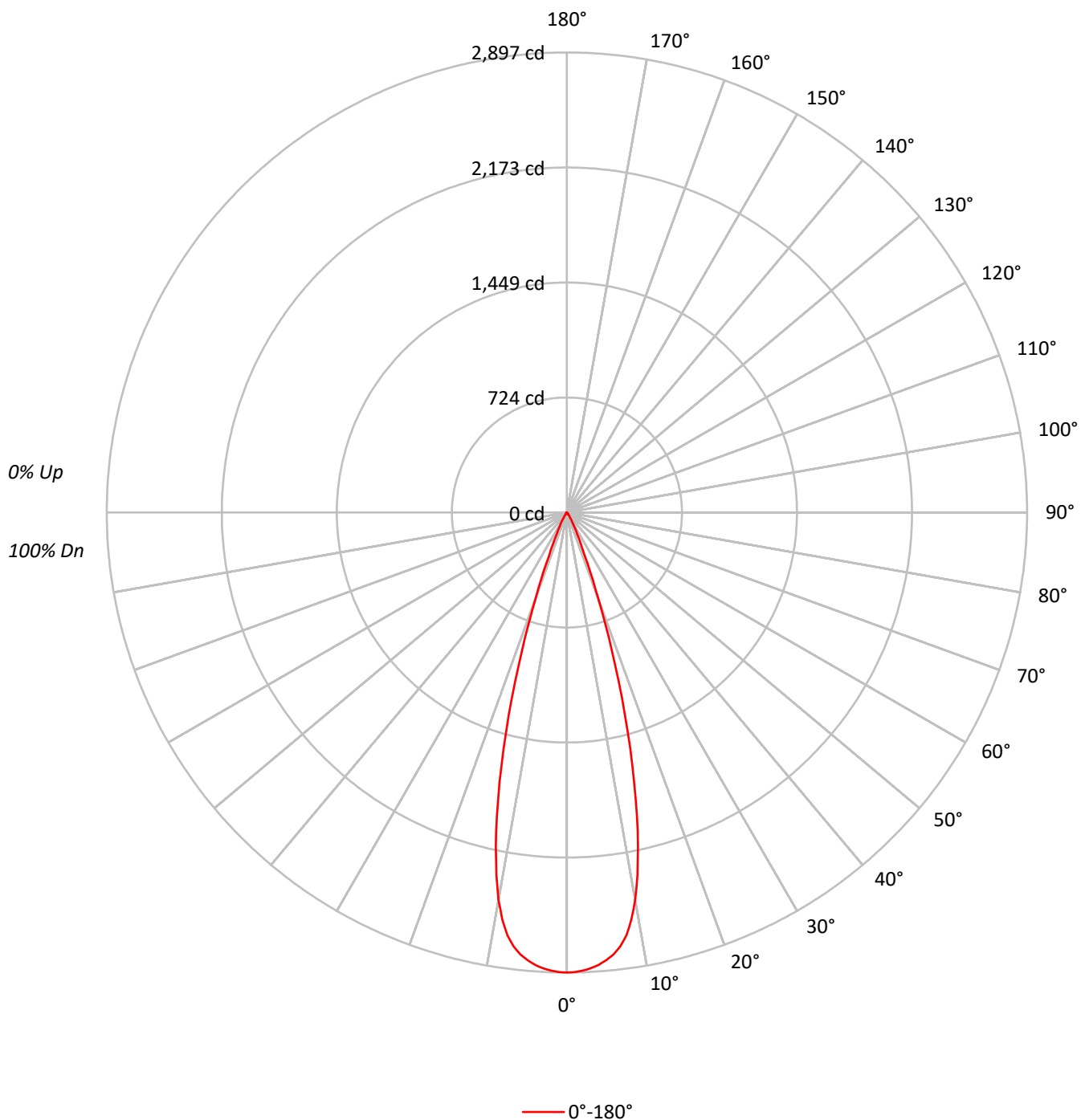
Lumens per Lamp: N/A
Luminaire Lumens: 780.0 lumens
Efficiency: N/A
Efficacy: 70.3 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	115	113	111	109	113	111	109	108	107	106	104		103	102	101		97
2	111	108	105	102	109	106	104	101	103	101	99		100	99	97		94
3	108	103	100	97	106	102	99	96	100	97	95		97	95	93		91
4	105	100	96	93	103	99	95	92	97	94	91		95	92	90		88
5	102	96	92	89	100	95	92	89	94	90	88		92	89	87		85
6	99	93	89	86	98	92	88	86	91	88	85		90	87	85		83
7	96	90	86	83	95	89	86	83	88	85	83		87	84	82		81
8	94	87	83	81	93	87	83	80	86	83	80		85	82	80		79
9	91	85	81	78	90	84	81	78	84	80	78		83	80	78		77
10	89	83	79	76	88	82	78	76	82	78	76		81	78	76		75

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	635190
5°	623177
10°	551671
15°	349514
20°	132685
25°	39293
30°	15521
35°	4765
40°	2118
45°	775
50°	614
55°	459
60°	526
65°	623
70°	385
75°	508
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 775 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.3	33.4
10°-20°	405.6	52.0
20°-30°	94.2	12.1
30°-40°	14.6	1.9
40°-50°	2.5	0.3
50°-60°	1.1	0.1
60°-70°	1.0	0.1
70°-80°	0.6	0.1
80°-90°	0.1	0.0
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°	760.0	97.4
0°-40°	774.6	99.3
0°-60°	778.3	99.8
0°-90°	780.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	780.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2897	
5°	2831	260
15°	1540	406
25°	162	94
35°	18	15
45°	2	2
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2896.7
1°	2894.8
2°	2886.9
3°	2873.4
4°	2856.2
5°	2831.1
6°	2799.9
7°	2753.3
8°	2689.6
9°	2595.8
10°	2477.6
11°	2325.1
12°	2152.9
13°	1961.7
14°	1751.6
15°	1539.6
17.5°	1007.2
20°	568.6
22.5°	290.4
25°	162.4
27.5°	99.9
30°	61.3
32.5°	33.1
35°	17.8
37.5°	11.6
40°	7.4
42.5°	4.3
45°	2.5
47.5°	1.8
50°	1.8
52.5°	1.2
55°	1.2
57.5°	1.2
60°	1.2
62.5°	1.2
65°	1.2
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.6
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)