

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: P1274596

Luminaire Tested: P3AS17R709830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274596
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R709830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

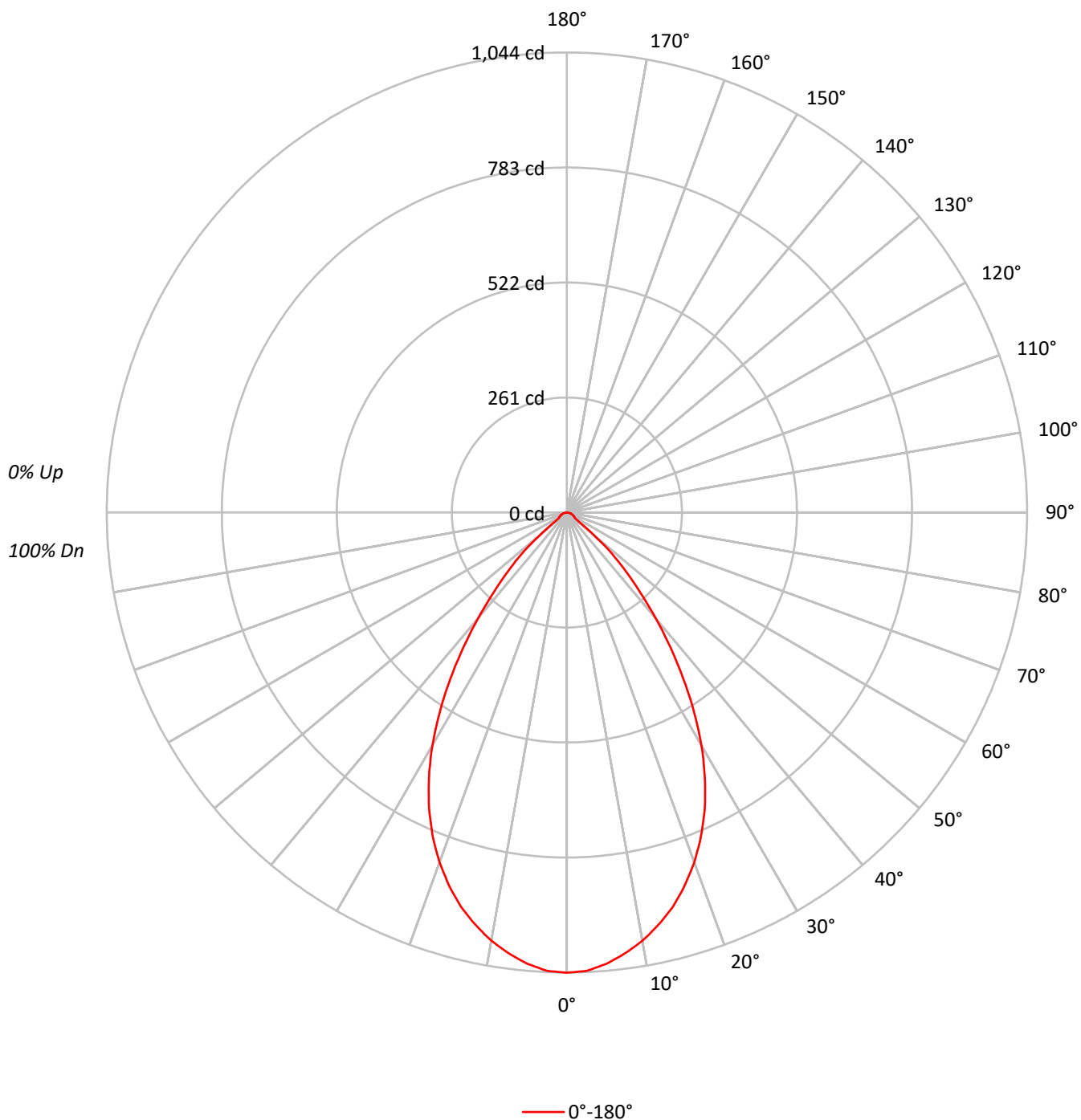
Lumens per Lamp: N/A
Luminaire Lumens: 1182.9 lumens
Efficiency: N/A
Efficacy: 58.0 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229017
5°	226282
10°	219724
15°	210421
20°	197114
25°	179067
30°	154682
35°	123272
40°	89797
45°	59014
50°	27666
55°	8525
60°	8245
65°	7939
70°	7501
75°	7964
80°	7450
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 59014 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.8	8.2
10°-20°	259.4	21.9
20°-30°	337.2	28.5
30°-40°	286.1	24.2
40°-50°	147.5	12.5
50°-60°	28.4	2.4
60°-70°	15.4	1.3
70°-80°	9.4	0.8
80°-90°	2.7	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°	693.4	58.6
0°-40°	979.5	82.8
0°-60°	1155.4	97.7
0°-90°	1182.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1182.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1044	
5°	1028	97
15°	927	259
25°	740	337
35°	460	286
45°	190	148
55°	22	28
65°	15	15
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1044.4
2.5°	1040.9
5°	1028.0
7.5°	1009.2
10°	986.8
12.5°	958.6
15°	926.9
17.5°	888.2
20°	844.7
22.5°	795.3
25°	740.1
27.5°	677.9
30°	610.9
32.5°	536.9
35°	460.5
37.5°	385.3
40°	313.7
42.5°	246.7
45°	190.3
47.5°	139.8
50°	81.1
52.5°	35.2
55°	22.3
57.5°	21.1
60°	18.8
62.5°	17.6
65°	15.3
67.5°	14.1
70°	11.7
72.5°	10.6
75°	9.4
77.5°	7.0
80°	5.9
82.5°	3.5
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)