

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: P1274947

Luminaire Tested: P3AS20R709830D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274947
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709830D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

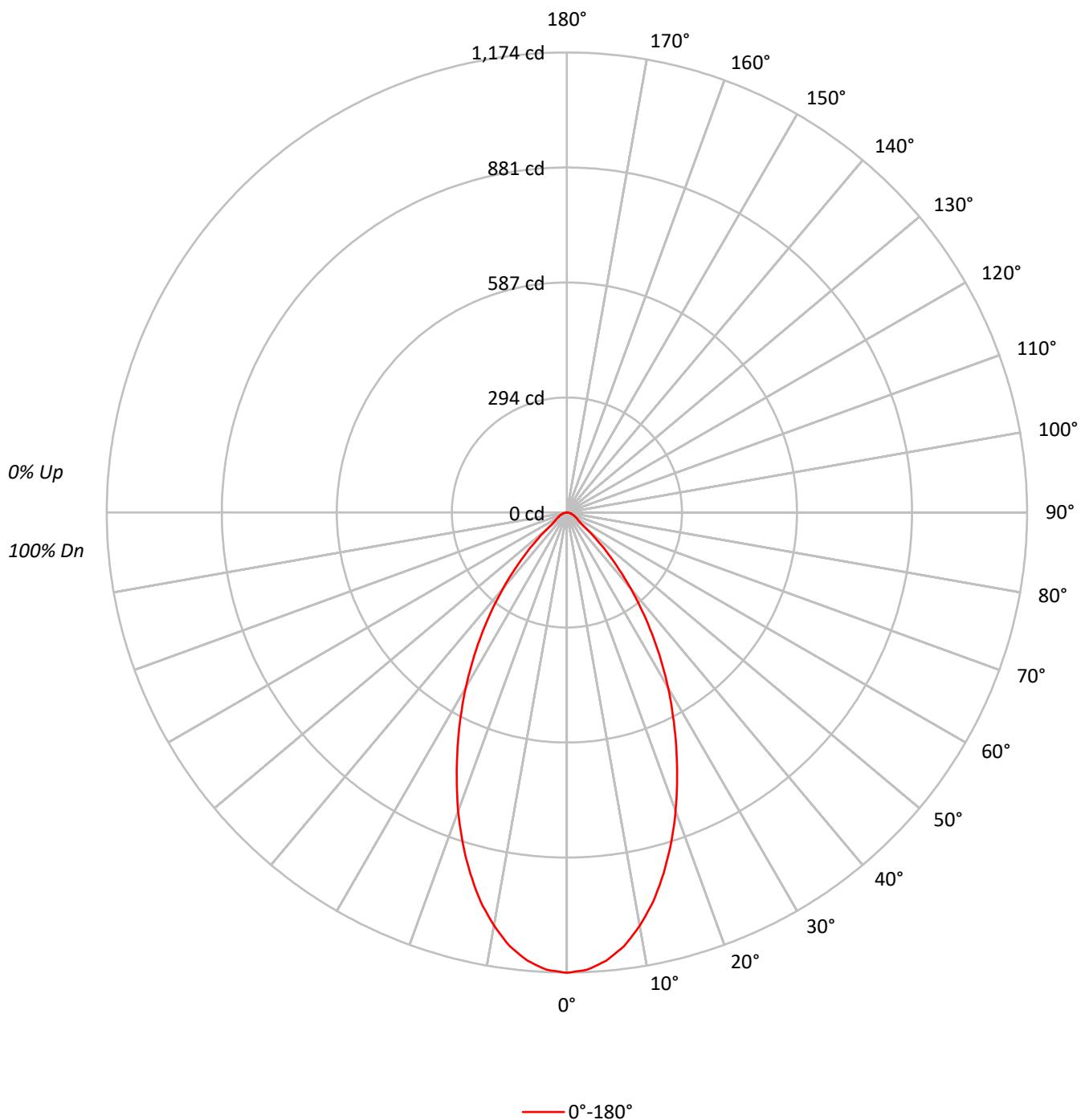
Lumens per Lamp: N/A
Luminaire Lumens: 1098.0 lumens
Efficiency: N/A
Efficacy: 40.1 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	257545
5°	252806
10°	238406
15°	216369
20°	189250
25°	159638
30°	130704
35°	101402
40°	72565
45°	45958
50°	22925
55°	14031
60°	12060
65°	11104
70°	9809
75°	9065
80°	7703
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45958 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.2	9.8
10°-20°	265.2	24.2
20°-30°	302.0	27.5
30°-40°	236.2	21.5
40°-50°	116.0	10.6
50°-60°	35.7	3.3
60°-70°	21.1	1.9
70°-80°	11.3	1.0
80°-90°	3.3	0.3
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°	674.4	61.4
0°-40°	910.5	82.9
0°-60°	1062.3	96.7
0°-90°	1098.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1098.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1174	
5°	1148	107
15°	953	265
25°	660	302
35°	379	236
45°	148	116
55°	37	36
65°	21	21
75°	11	11
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1174.5
2.5°	1168.4
5°	1148.5
7.5°	1116.5
10°	1070.7
12.5°	1017.2
15°	953.1
17.5°	884.3
20°	811.0
22.5°	734.6
25°	659.8
27.5°	586.5
30°	516.2
32.5°	446.0
35°	378.8
37.5°	314.6
40°	253.5
42.5°	197.0
45°	148.2
47.5°	103.9
50°	67.2
52.5°	44.3
55°	36.7
57.5°	32.1
60°	27.5
62.5°	24.4
65°	21.4
67.5°	18.3
70°	15.3
72.5°	12.2
75°	10.7
77.5°	9.2
80°	6.1
82.5°	4.6
85°	3.1
87.5°	1.5
90°	0.0

(END OF REPORT)