

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: P1263579

Luminaire Tested: P3A20R609727D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263579
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R609727D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

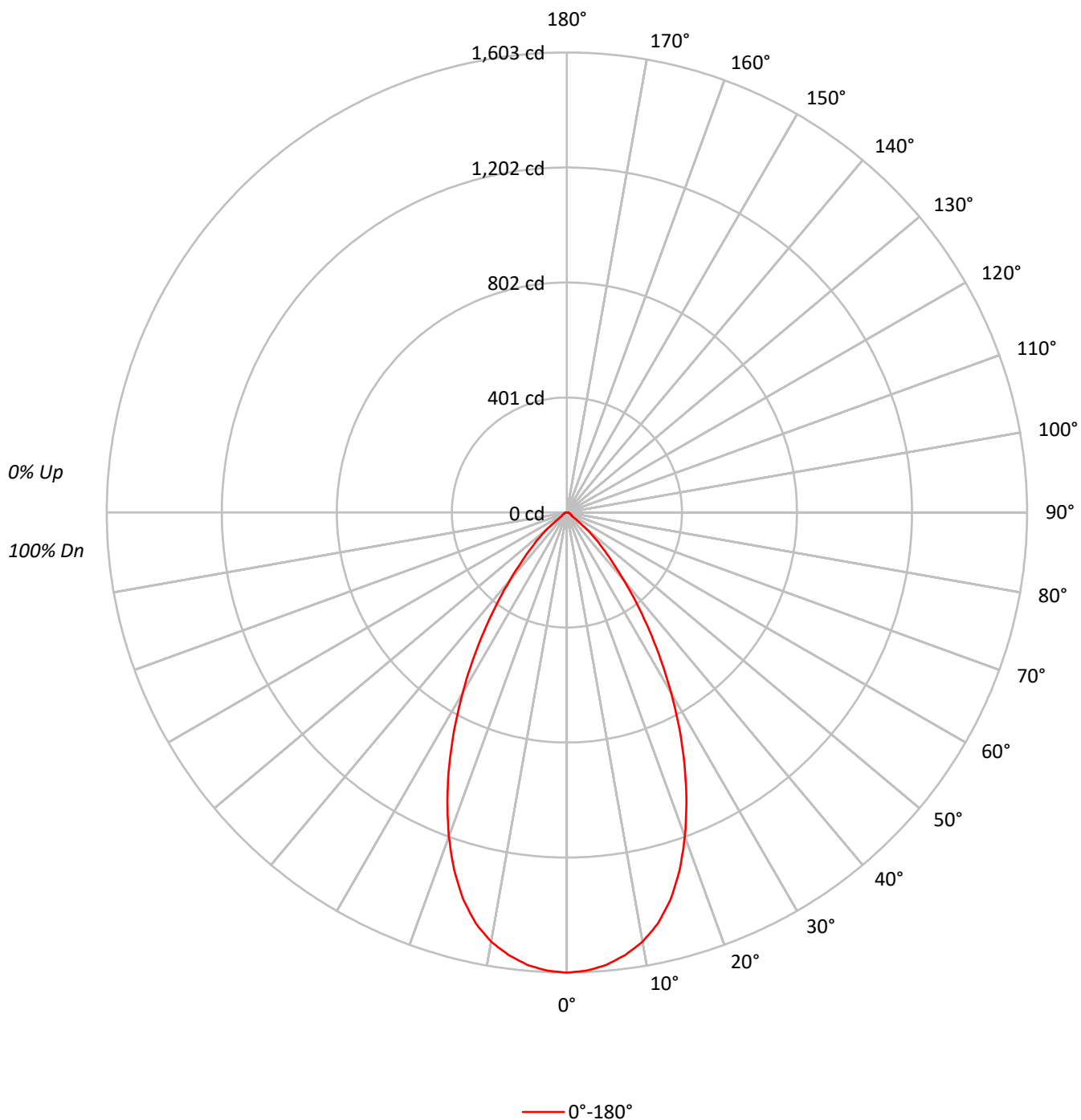
Lumens per Lamp: N/A
Luminaire Lumens: 1489.0 lumens
Efficiency: N/A
Efficacy: 51.7 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	108	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	351595
5°	348271
10°	338114
15°	316778
20°	280374
25°	234546
30°	183826
35°	133364
40°	88709
45°	55293
50°	29918
55°	8640
60°	8070
65°	7368
70°	7245
75°	7202
80°	7198
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55293 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.0	10.0
10°-20°	387.1	26.0
20°-30°	441.3	29.6
30°-40°	312.9	21.0
40°-50°	142.0	9.5
50°-60°	30.1	2.0
60°-70°	14.5	1.0
70°-80°	9.0	0.6
80°-90°	3.1	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°	977.4	65.6
0°-40°	1290.3	86.7
0°-60°	1462.4	98.2
0°-90°	1489.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1489.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1603	
5°	1582	149
15°	1395	387
25°	969	441
35°	498	313
45°	178	142
55°	23	30
65°	14	15
75°	8	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1603.4
2.5°	1597.8
5°	1582.2
7.5°	1555.3
10°	1518.5
12.5°	1466.2
15°	1395.4
17.5°	1306.2
20°	1201.5
22.5°	1088.3
25°	969.4
27.5°	847.7
30°	726.0
32.5°	610.0
35°	498.2
37.5°	399.1
40°	309.9
42.5°	234.9
45°	178.3
47.5°	133.0
50°	87.7
52.5°	41.0
55°	22.6
57.5°	19.8
60°	18.4
62.5°	17.0
65°	14.2
67.5°	12.7
70°	11.3
72.5°	9.9
75°	8.5
77.5°	7.1
80°	5.7
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)