

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: P1268199

Luminaire Tested: P3A20R359735D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268199
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R359735D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

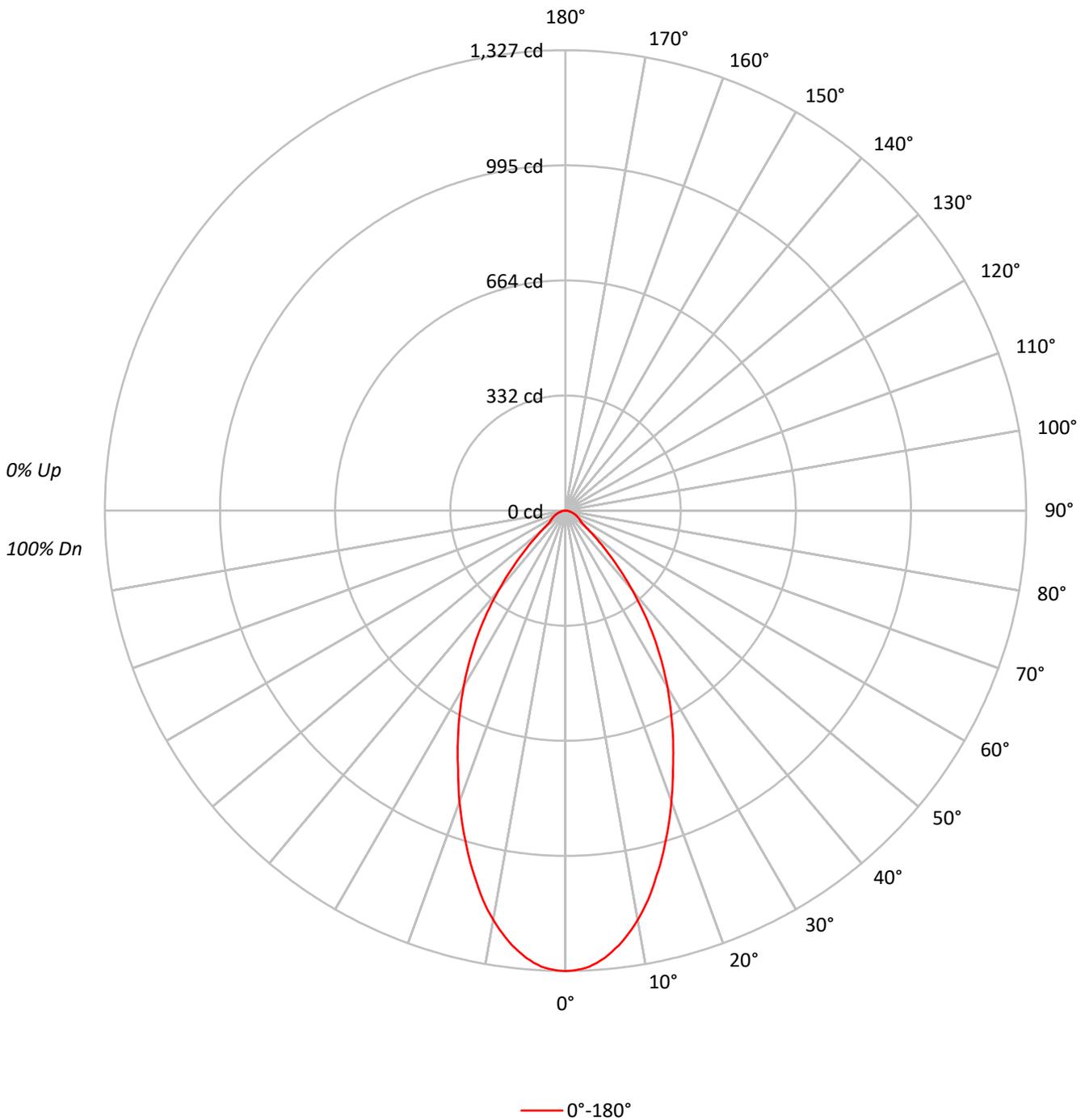
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1274.0 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	291029
5°	284855
10°	266773
15°	239457
20°	208291
25°	177494
30°	148681
35°	118427
40°	85618
45°	54207
50°	29543
55°	20453
60°	19341
65°	17953
70°	17182
75°	14657
80°	13891
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 54207 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.4	9.5
10°-20°	293.5	23.0
20°-30°	336.4	26.4
30°-40°	274.5	21.5
40°-50°	138.4	10.9
50°-60°	51.4	4.0
60°-70°	34.5	2.7
70°-80°	19.1	1.5
80°-90°	5.8	0.5
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°	750.3	58.9
0°-40°	1024.8	80.4
0°-60°	1214.7	95.3
0°-90°	1274.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1274.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1327	
5°	1294	120
15°	1055	294
25°	734	336
35°	442	274
45°	175	138
55°	54	51
65°	35	34
75°	17	19
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1327.2
1°	1325.6
2°	1322.4
3°	1316.1
4°	1306.7
5°	1294.1
6°	1278.4
7°	1262.6
8°	1242.1
9°	1221.7
10°	1198.1
11°	1172.9
12°	1146.1
13°	1116.2
14°	1084.7
15°	1054.8
17.5°	974.5
20°	892.6
22.5°	809.2
25°	733.6
27.5°	659.6
30°	587.2
32.5°	514.8
35°	442.4
37.5°	370.0
40°	299.1
42.5°	233.0
45°	174.8
47.5°	125.9
50°	86.6
52.5°	63.0
55°	53.5
57.5°	48.8
60°	44.1
62.5°	39.4
65°	34.6
67.5°	29.9
70°	26.8
72.5°	22.0
75°	17.3
77.5°	14.2
80°	11.0
82.5°	7.9
85°	4.7
87.5°	3.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)