

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: P1262947

Luminaire Tested: P3A17R159727DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262947
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159727DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

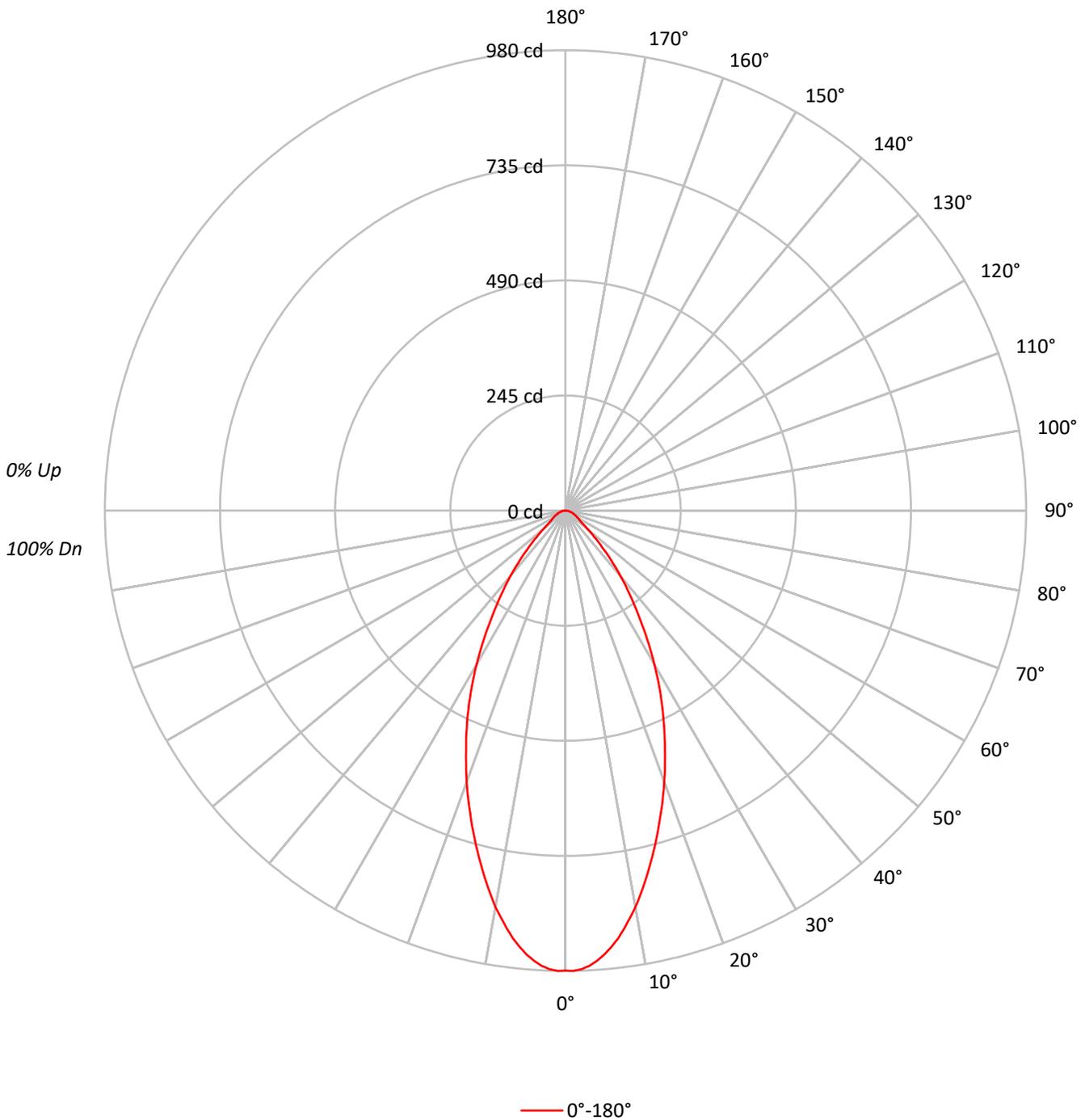
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 851.0 lumens
Efficiency: N/A
Efficacy: 40.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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				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				100
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76				76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65				65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60				60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56				56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	214654
5°	208826
10°	190845
15°	167152
20°	143396
25°	119717
30°	95812
35°	71849
40°	52155
45°	34112
50°	21321
55°	14413
60°	12762
65°	11726
70°	11028
75°	10082
80°	9471
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 34112 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.5	10.3
10°-20°	205.2	24.1
20°-30°	226.0	26.6
30°-40°	169.3	19.9
40°-50°	87.8	10.3
50°-60°	36.4	4.3
60°-70°	22.5	2.6
70°-80°	12.6	1.5
80°-90°	3.7	0.4
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°	518.8	61.0
0°-40°	688.0	80.9
0°-60°	812.2	95.4
0°-90°	851.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	851.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	979	
5°	949	88
15°	736	205
25°	495	226
35°	268	169
45°	110	88
55°	38	36
65°	23	23
75°	12	13
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	978.9
1°	980.0
2°	976.7
3°	970.3
4°	960.6
5°	948.7
6°	933.6
7°	917.4
8°	898.0
9°	877.6
10°	857.1
12.5°	797.8
15°	736.3
17.5°	674.9
20°	614.5
22.5°	553.1
25°	494.8
27.5°	436.6
30°	378.4
32.5°	321.3
35°	268.4
37.5°	223.2
40°	182.2
42.5°	144.5
45°	110.0
47.5°	83.0
50°	62.5
52.5°	46.4
55°	37.7
57.5°	33.4
60°	29.1
62.5°	25.9
65°	22.6
67.5°	19.4
70°	17.2
72.5°	14.0
75°	11.9
77.5°	9.7
80°	7.5
82.5°	5.4
85°	3.2
87.5°	1.1
90°	0.0

(END OF REPORT)