

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: P1274218

Luminaire Tested: P3A13R659830DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274218
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659830DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

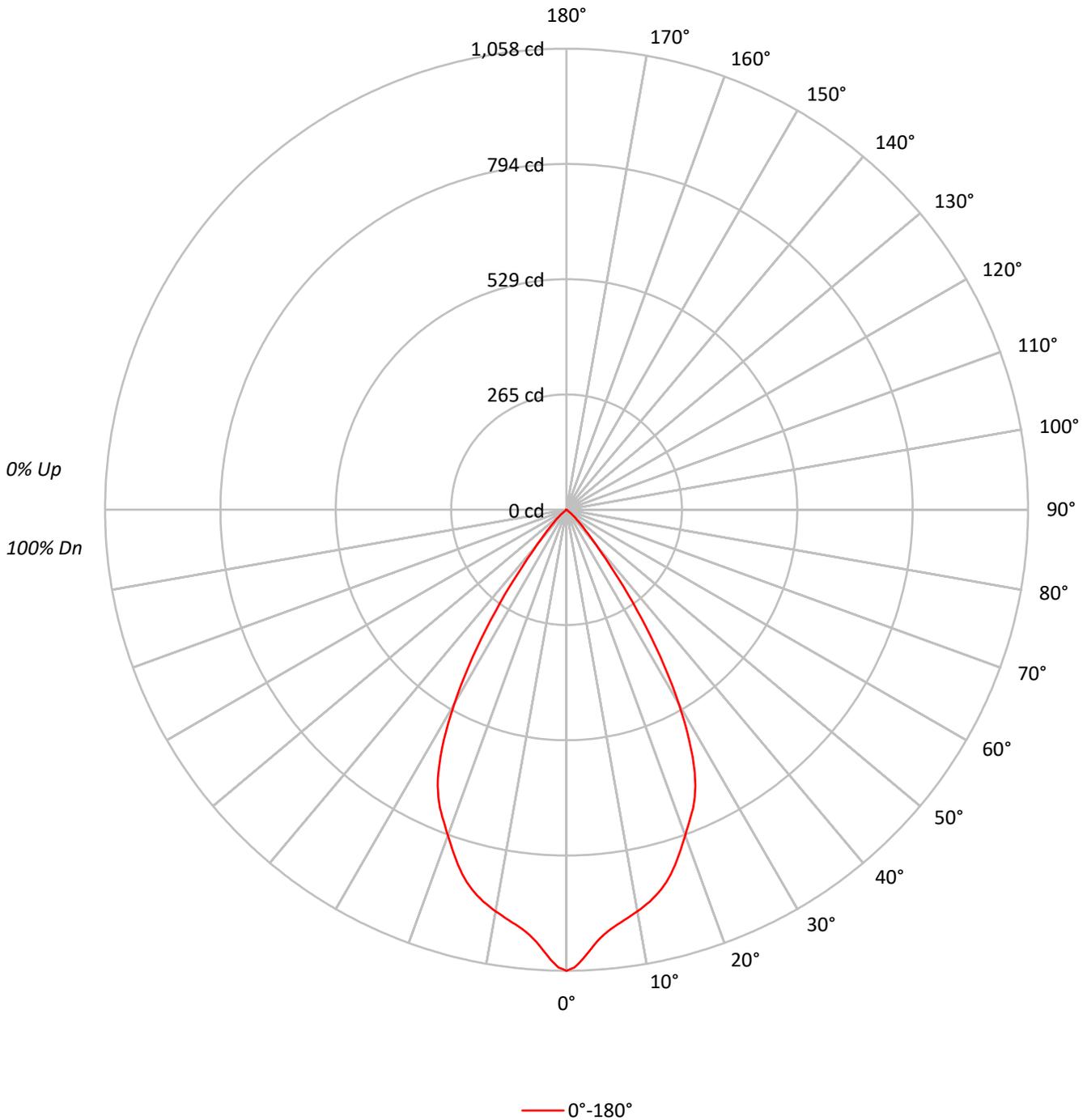
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 866.1 lumens
Efficiency: N/A
Efficacy: 59.7 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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			100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			88
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82			82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77			77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72			72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67			67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63			63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59			59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56			56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52			52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	232043
5°	215474
10°	208368
15°	200796
20°	185633
25°	169147
30°	130678
35°	75757
40°	30056
45°	12808
50°	3036
55°	421
60°	307
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12808 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.3	10.7
10°-20°	246.5	28.5
20°-30°	311.9	36.0
30°-40°	177.6	20.5
40°-50°	35.3	4.1
50°-60°	1.8	0.2
60°-70°	0.5	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	650.7	75.1
0°-40°	828.4	95.6
0°-60°	865.5	99.9
0°-90°	866.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	866.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1058	
5°	979	92
15°	884	246
25°	699	312
35°	283	178
45°	41	35
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1058.2
1°	1050.4
2°	1033.3
3°	1013.4
4°	993.8
5°	978.9
6°	967.8
7°	958.9
8°	951.1
9°	943.3
10°	935.8
11°	927.6
12°	919.1
13°	908.7
14°	897.7
15°	884.5
16°	868.9
17°	851.8
18°	833.3
19°	813.7
20°	795.5
21°	777.0
22°	760.3
23°	742.9
24°	722.6
25°	699.1
26°	671.0
27°	637.1
28°	599.1
29°	558.5
30°	516.1
31°	469.5
32°	423.2
32.5°	399.4
33°	376.2
34°	329.3
35°	283.0
36°	240.3
37°	197.9
37.5°	176.2
38°	158.8
39°	128.5
40°	105.0
42.5°	64.8
45°	41.3



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	24.2
50°	8.9
52.5°	1.8
55°	1.1
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)