

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: P1267228

Luminaire Tested: P3A09R659735DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267228
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: P3A09R659735DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

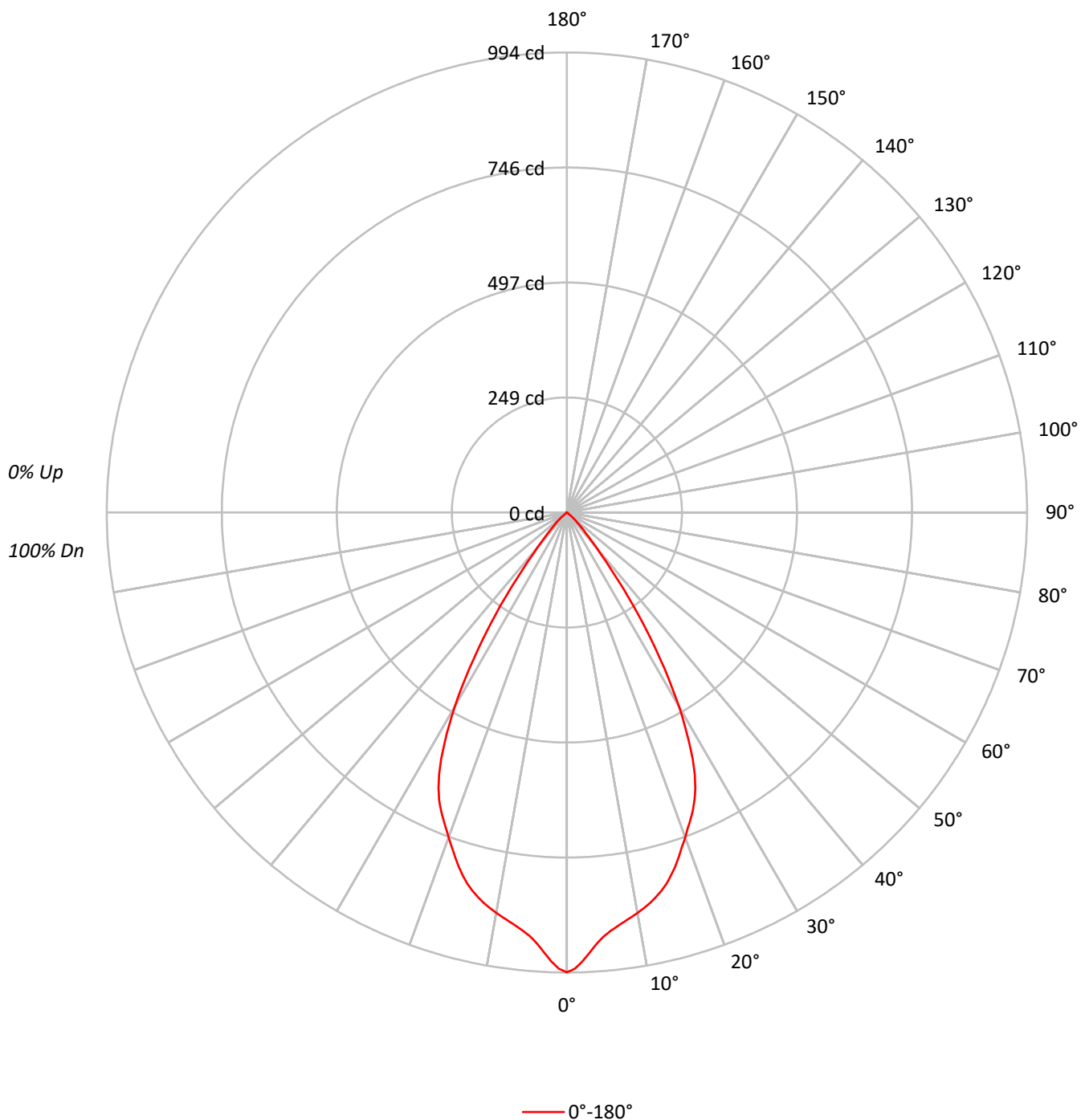
Lumens per Lamp: N/A
Luminaire Lumens: 813.0 lumens
Efficiency: N/A
Efficacy: 73.2 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	217855
5°	202289
10°	195610
15°	188514
20°	174292
25°	158791
30°	122677
35°	71126
40°	28224
45°	12032
50°	2866
55°	382
60°	307
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12032 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	10.7
10°-20°	231.4	28.5
20°-30°	292.9	36.0
30°-40°	166.8	20.5
40°-50°	33.1	4.1
50°-60°	1.7	0.2
60°-70°	0.4	0.1
70°-80°	0.0	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°	610.9	75.1
0°-40°	777.7	95.7
0°-60°	812.5	99.9
0°-90°	813.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	813.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	994	
5°	919	87
15°	830	231
25°	656	293
35°	266	167
45°	39	33
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	993.5
1°	986.1
2°	970.1
3°	951.4
4°	933.0
5°	919.0
6°	908.6
7°	900.2
8°	892.9
9°	885.5
10°	878.5
11°	870.8
12°	862.8
13°	853.1
14°	842.8
15°	830.4
16°	815.7
17°	799.7
18°	782.3
19°	763.9
20°	746.9
21°	729.5
22°	713.8
23°	697.4
24°	678.4
25°	656.3
26°	629.9
27°	598.2
28°	562.4
29°	524.3
30°	484.5
31°	440.8
32°	397.3
32.5°	374.9
33°	353.2
34°	309.1
35°	265.7
36°	225.6
37°	185.8
37.5°	165.4
38°	149.0
39°	120.6
40°	98.6
42.5°	60.8
45°	38.8

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	22.7
50°	8.4
52.5°	1.7
55°	1.0
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.3
67.5°	0.3
70°	0.3
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)