

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: P1262157

Luminaire Tested: P3AS09R109727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262157
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R109727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

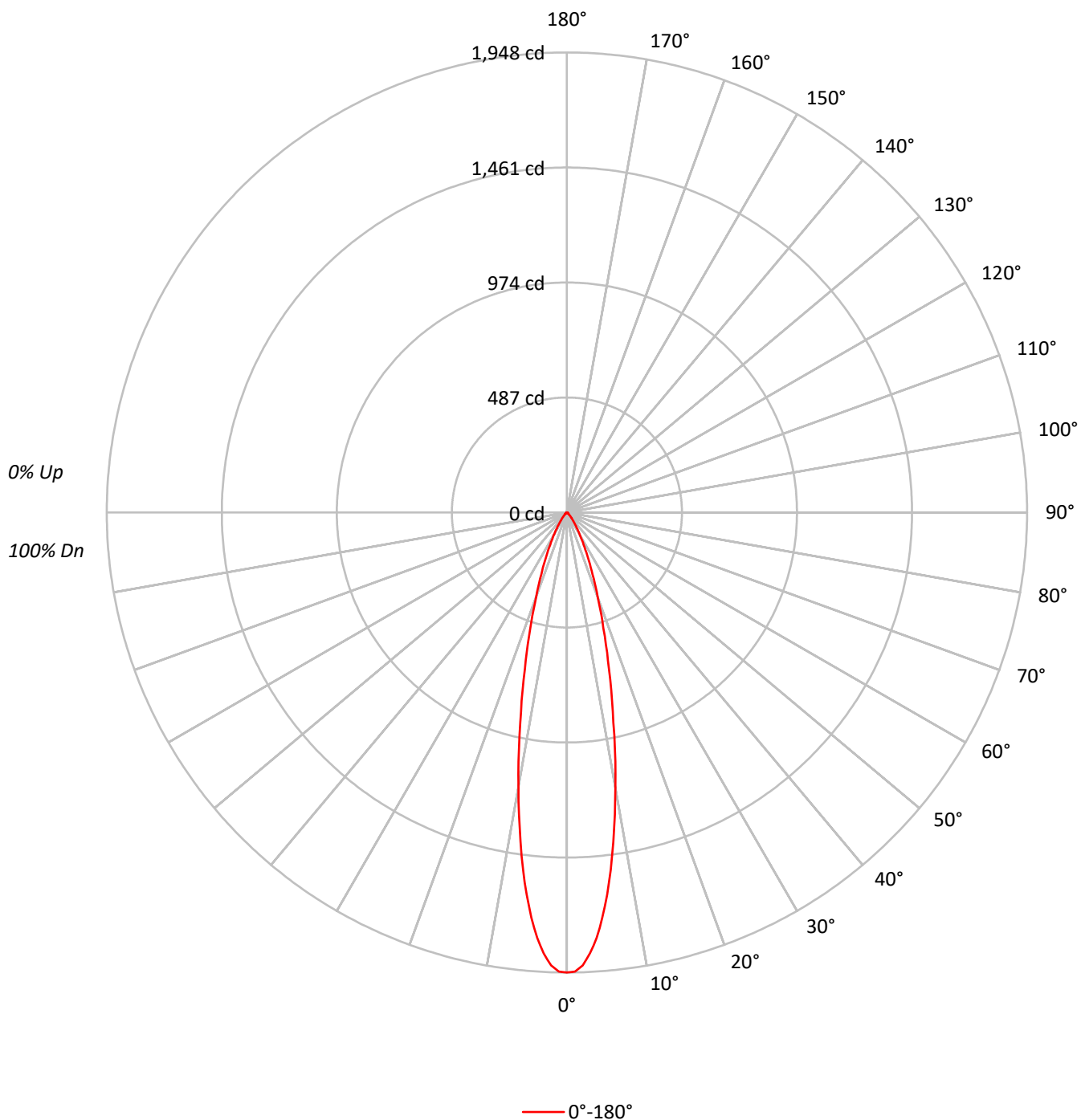
Lumens per Lamp: N/A
Luminaire Lumens: 500.0 lumens
Efficiency: N/A
Efficacy: 40.0 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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
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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	427137
5°	379154
10°	263300
15°	155710
20°	88674
25°	50688
30°	28055
35°	14964
40°	8273
45°	4497
50°	2797
55°	2217
60°	1886
65°	1764
70°	1539
75°	1610
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.5	29.3
10°-20°	193.3	38.7
20°-30°	99.5	19.9
30°-40°	37.4	7.5
40°-50°	12.2	2.4
50°-60°	5.2	1.0
60°-70°	3.4	0.7
70°-80°	2.0	0.4
80°-90°	0.5	0.1
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°	439.3	87.9
0°-40°	476.7	95.3
0°-60°	494.2	98.8
0°-90°	500.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	500.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1948	
5°	1722	146
15°	686	193
25°	210	100
35°	56	37
45°	14	12
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1947.9
1°	1944.0
2°	1918.5
3°	1869.8
4°	1805.8
5°	1722.5
6°	1628.0
7°	1524.5
8°	1409.4
9°	1295.7
10°	1182.5
12.5°	909.9
15°	685.9
17.5°	513.5
20°	380.0
22.5°	283.7
25°	209.5
27.5°	152.7
30°	110.8
32.5°	78.5
35°	55.9
37.5°	40.0
40°	28.9
42.5°	20.7
45°	14.5
47.5°	10.6
50°	8.2
52.5°	6.7
55°	5.8
57.5°	4.8
60°	4.3
62.5°	3.9
65°	3.4
67.5°	2.9
70°	2.4
72.5°	2.4
75°	1.9
77.5°	1.4
80°	1.0
82.5°	1.0
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)