

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: P1264675

Luminaire Tested: P3A09R359730DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264675
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359730DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

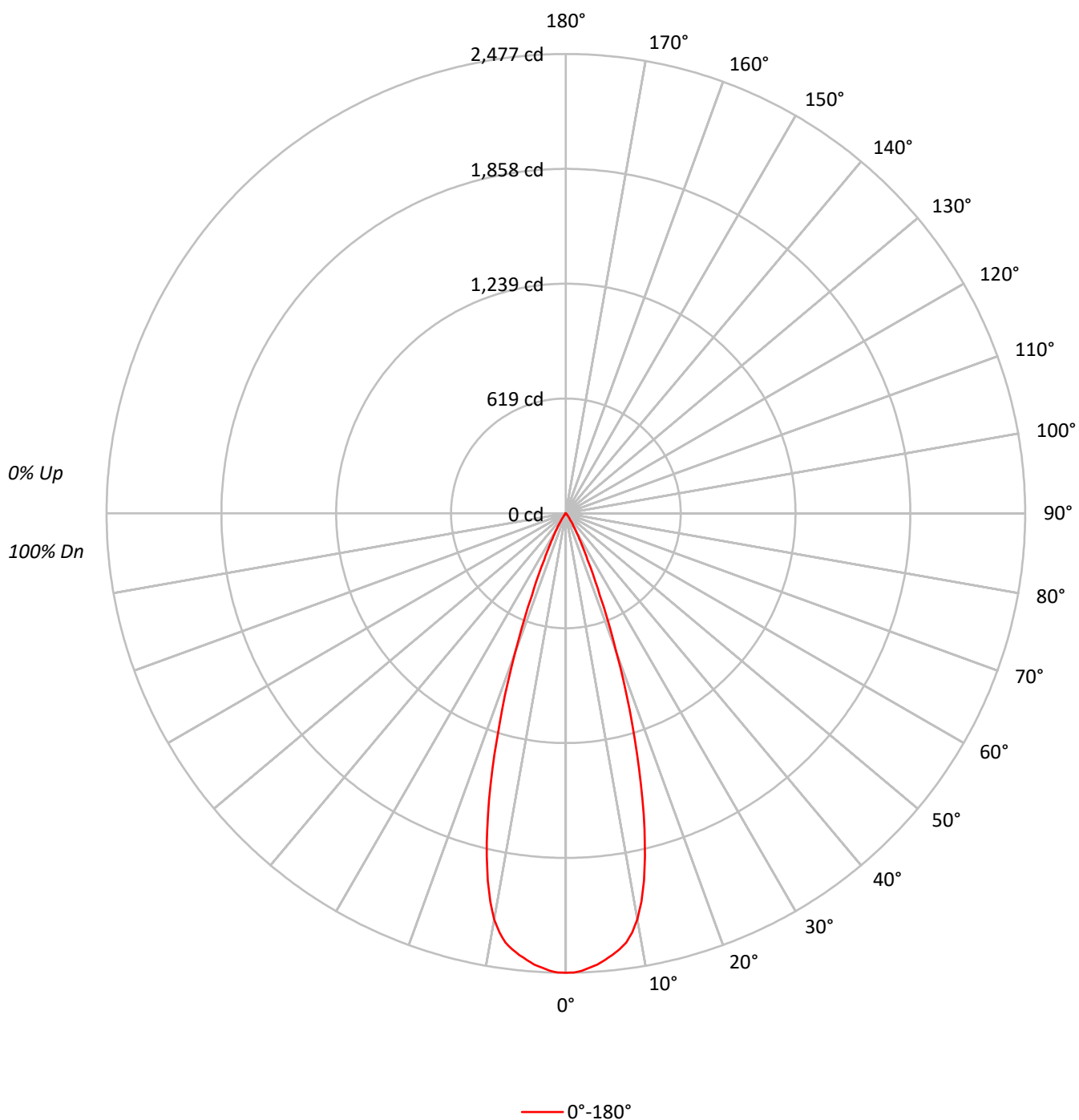
Lumens per Lamp: N/A
Luminaire Lumens: 833.0 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	87	99	93	89	86	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	82		87	84	82		86
7	94	87	83	80	93	87	83	80	86	82	79		85	81	79		84
8	91	84	80	77	90	84	80	77	83	79	77		82	79	76		81
9	89	82	77	74	88	81	77	74	80	77	74		80	76	74		79
10	86	79	75	72	85	79	75	72	78	74	72		77	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	543180
5°	532114
10°	495025
15°	362931
20°	185843
25°	66972
30°	26080
35°	9128
40°	3750
45°	1023
50°	887
55°	994
60°	877
65°	675
70°	833
75°	1101
80°	884
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 1176 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.4	27.1
10°-20°	422.8	50.8
20°-30°	149.7	18.0
30°-40°	26.2	3.1
40°-50°	3.8	0.5
50°-60°	2.1	0.3
60°-70°	1.5	0.2
70°-80°	1.1	0.1
80°-90°	0.3	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°	797.9	95.8
0°-40°	824.1	98.9
0°-60°	830.1	99.6
0°-90°	833.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	833.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2477	
5°	2417	225
15°	1599	423
25°	277	150
35°	34	26
45°	3	4
55°	3	2
65°	1	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2477.1
1°	2476.4
2°	2468.5
3°	2453.4
4°	2439.7
5°	2417.4
6°	2394.4
7°	2368.8
8°	2337.3
9°	2288.1
10°	2223.2
11°	2133.3
12°	2025.1
13°	1896.5
14°	1754.8
15°	1598.7
17.5°	1190.6
20°	796.4
22.5°	480.2
25°	276.8
27.5°	165.3
30°	103.0
32.5°	59.7
35°	34.1
37.5°	21.6
40°	13.1
42.5°	6.6
45°	3.3
47.5°	2.6
50°	2.6
52.5°	2.6
55°	2.6
57.5°	2.0
60°	2.0
62.5°	2.0
65°	1.3
67.5°	1.3
70°	1.3
72.5°	1.3
75°	1.3
77.5°	0.7
80°	0.7
82.5°	0.7
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)