

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: P1265431

Luminaire Tested: P3A17R359730DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265431
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: P3A17R359730DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

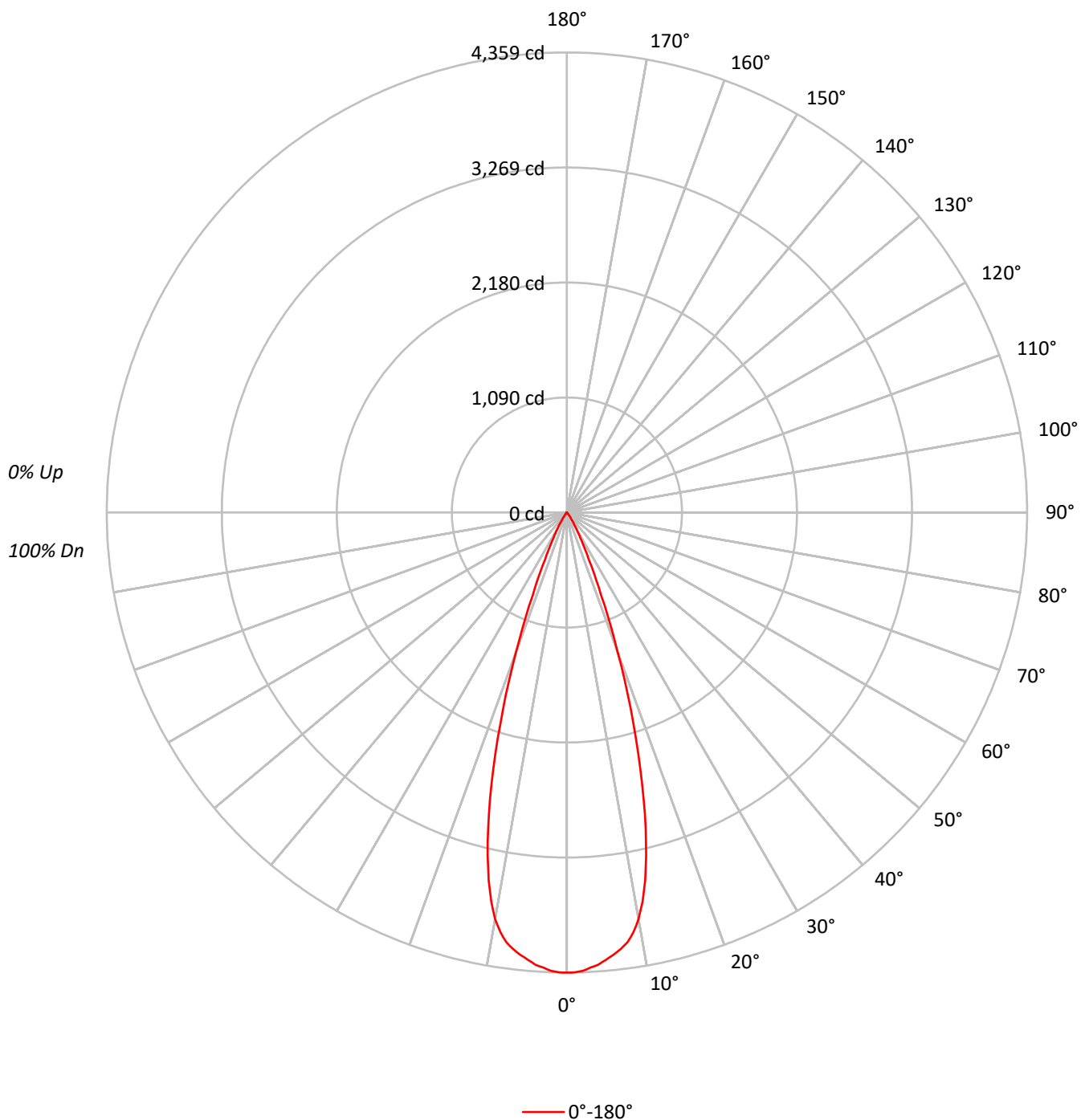
Lumens per Lamp: N/A
Luminaire Lumens: 1466.0 lumens
Efficiency: N/A
Efficacy: 69.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
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°	955932
5°	936449
10°	871193
15°	638710
20°	327068
25°	117878
30°	45906
35°	16062
40°	6612
45°	1799
50°	1569
55°	1759
60°	1535
65°	1193
70°	1475
75°	1949
80°	1515
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 2016 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	396.6	27.1
10°-20°	744.1	50.8
20°-30°	263.5	18.0
30°-40°	46.1	3.1
40°-50°	6.7	0.5
50°-60°	3.7	0.3
60°-70°	2.7	0.2
70°-80°	2.0	0.1
80°-90°	0.5	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°	1404.2	95.8
0°-40°	1450.4	98.9
0°-60°	1460.8	99.6
0°-90°	1466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1466.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4359	
5°	4254	397
15°	2814	744
25°	487	263
35°	60	46
45°	6	7
55°	5	4
65°	2	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4359.4
1°	4358.2
2°	4344.4
3°	4317.8
4°	4293.6
5°	4254.3
6°	4213.9
7°	4168.9
8°	4113.5
9°	4026.9
10°	3912.6
11°	3754.4
12°	3563.9
13°	3337.7
14°	3088.3
15°	2813.5
17.5°	2095.4
20°	1401.6
22.5°	845.1
25°	487.2
27.5°	290.9
30°	181.3
32.5°	105.1
35°	60.0
37.5°	38.1
40°	23.1
42.5°	11.5
45°	5.8
47.5°	4.6
50°	4.6
52.5°	4.6
55°	4.6
57.5°	3.5
60°	3.5
62.5°	3.5
65°	2.3
67.5°	2.3
70°	2.3
72.5°	2.3
75°	2.3
77.5°	1.2
80°	1.2
82.5°	1.2
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)