

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: P1267401

Luminaire Tested: P3A13R259735DE010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267401
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259735DE010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

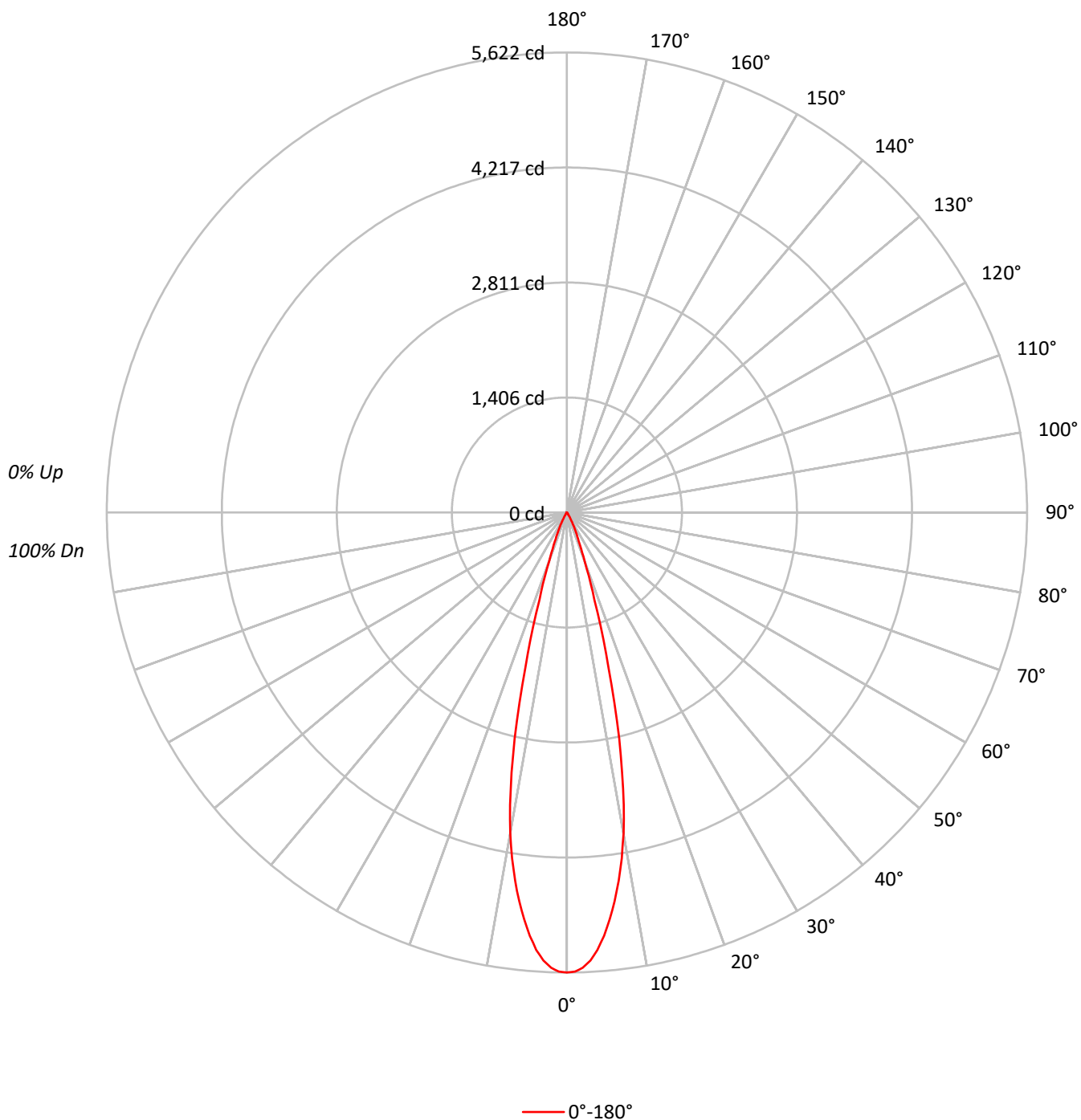
Lumens per Lamp: N/A
Luminaire Lumens: 1153.0 lumens
Efficiency: N/A
Efficacy: 79.0 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	115	113	111	110	113	111	109	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	86	85	84	84
7	97	91	88	85	96	91	87	85	90	87	84	89	86	84	88	85	83	83	82	82
8	95	89	85	83	94	89	85	82	88	84	82	87	84	82	86	83	81	81	80	80
9	93	87	83	80	92	86	83	80	86	82	80	85	82	80	84	82	80	79	78	78
10	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	80	78	77	76	76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1232730
5°	1143316
10°	886668
15°	444588
20°	146056
25°	58068
30°	21801
35°	6318
40°	2863
45°	1116
50°	921
55°	688
60°	789
65°	934
70°	577
75°	763
80°	1137
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 1137 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	456.9	39.6
10°-20°	545.1	47.3
20°-30°	122.9	10.7
30°-40°	19.9	1.7
40°-50°	3.6	0.3
50°-60°	1.9	0.2
60°-70°	1.7	0.1
70°-80°	1.0	0.1
80°-90°	0.1	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°	1124.8	97.6
0°-40°	1144.7	99.3
0°-60°	1150.2	99.8
0°-90°	1153.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1153.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5622	
5°	5194	457
15°	1958	545
25°	240	123
35°	24	20
45°	4	4
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5621.7
1°	5612.6
2°	5567.3
3°	5484.0
4°	5358.1
5°	5194.1
6°	4998.5
7°	4786.5
8°	4543.7
9°	4278.3
10°	3982.1
11°	3640.6
12°	3247.5
13°	2836.2
14°	2395.1
15°	1958.4
17.5°	1116.0
20°	625.9
22.5°	377.7
25°	240.0
27.5°	147.7
30°	86.1
32.5°	45.3
35°	23.6
37.5°	15.4
40°	10.0
42.5°	6.3
45°	3.6
47.5°	2.7
50°	2.7
52.5°	2.7
55°	1.8
57.5°	1.8
60°	1.8
62.5°	1.8
65°	1.8
67.5°	1.8
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.9
80°	0.9
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)