

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: P1269731

Luminaire Tested: P3A13R159740DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269731
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: P3A13R159740DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

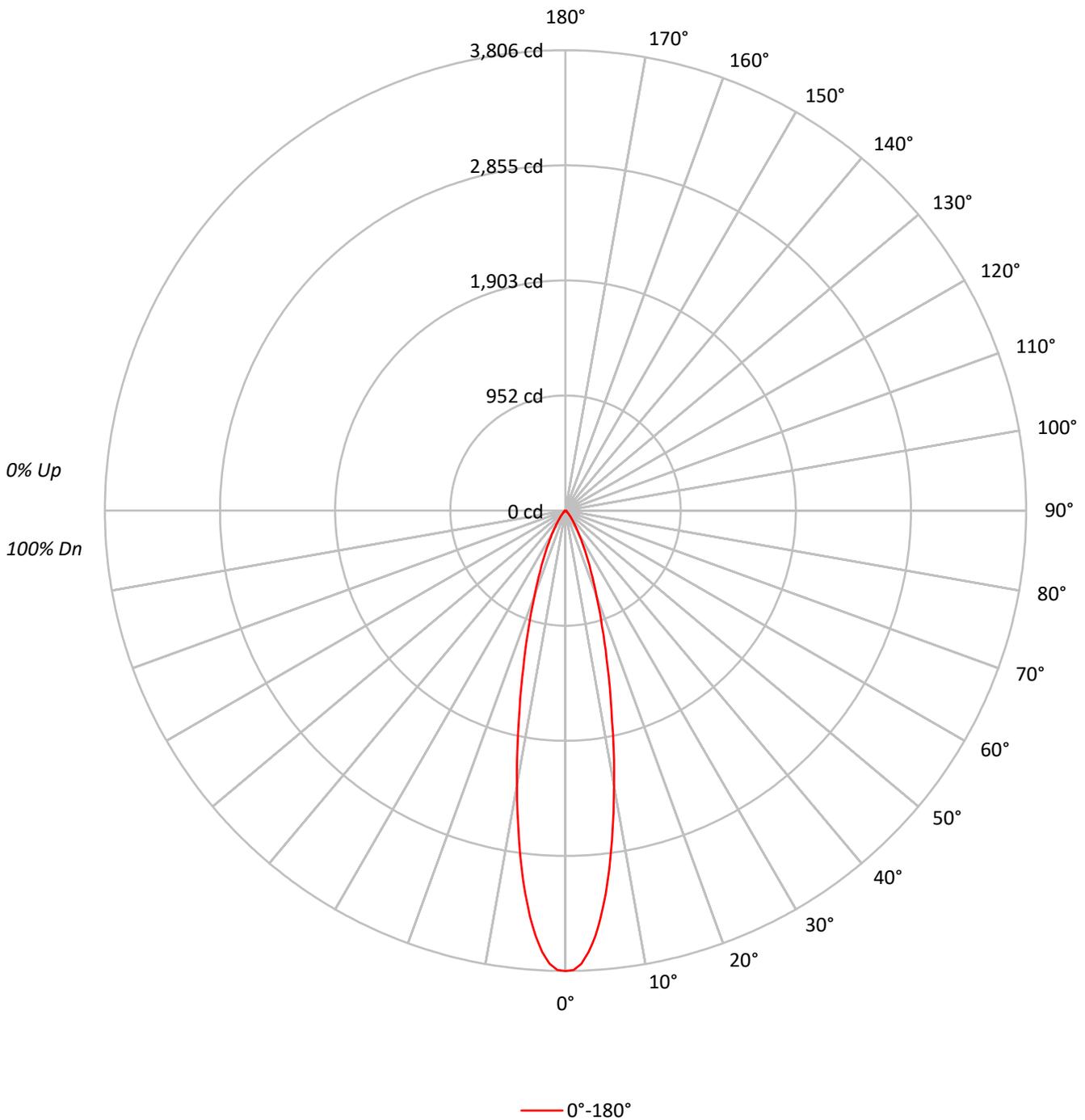
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 977.0 lumens
Efficiency: N/A
Efficacy: 66.9 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): 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			0
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	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	92	90	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	86	83	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	78	75	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	834604
5°	740852
10°	514486
15°	304247
20°	173288
25°	99054
30°	54819
35°	29232
40°	16173
45°	8745
50°	5458
55°	4320
60°	3728
65°	3424
70°	3013
75°	3219
80°	2399
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8745 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	286.2	29.3
10°-20°	377.7	38.7
20°-30°	194.5	19.9
30°-40°	73.0	7.5
40°-50°	23.9	2.4
50°-60°	10.3	1.1
60°-70°	6.5	0.7
70°-80°	3.8	0.4
80°-90°	1.0	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°	858.4	87.9
0°-40°	931.4	95.3
0°-60°	965.6	98.8
0°-90°	977.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	977.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3806	
5°	3366	286
15°	1340	378
25°	409	194
35°	109	73
45°	28	24
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3806.1
1°	3798.6
2°	3748.7
3°	3653.7
4°	3528.5
5°	3365.7
6°	3181.2
7°	2978.8
8°	2753.9
9°	2531.8
10°	2310.6
12.5°	1777.9
15°	1340.2
17.5°	1003.3
20°	742.6
22.5°	554.4
25°	409.4
27.5°	298.4
30°	216.5
32.5°	153.4
35°	109.2
37.5°	78.1
40°	56.5
42.5°	40.5
45°	28.2
47.5°	20.7
50°	16.0
52.5°	13.2
55°	11.3
57.5°	9.4
60°	8.5
62.5°	7.5
65°	6.6
67.5°	5.6
70°	4.7
72.5°	4.7
75°	3.8
77.5°	2.8
80°	1.9
82.5°	1.9
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)