

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: P1267352

Luminaire Tested: P3A13R159735DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267352
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: P3A13R159735DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

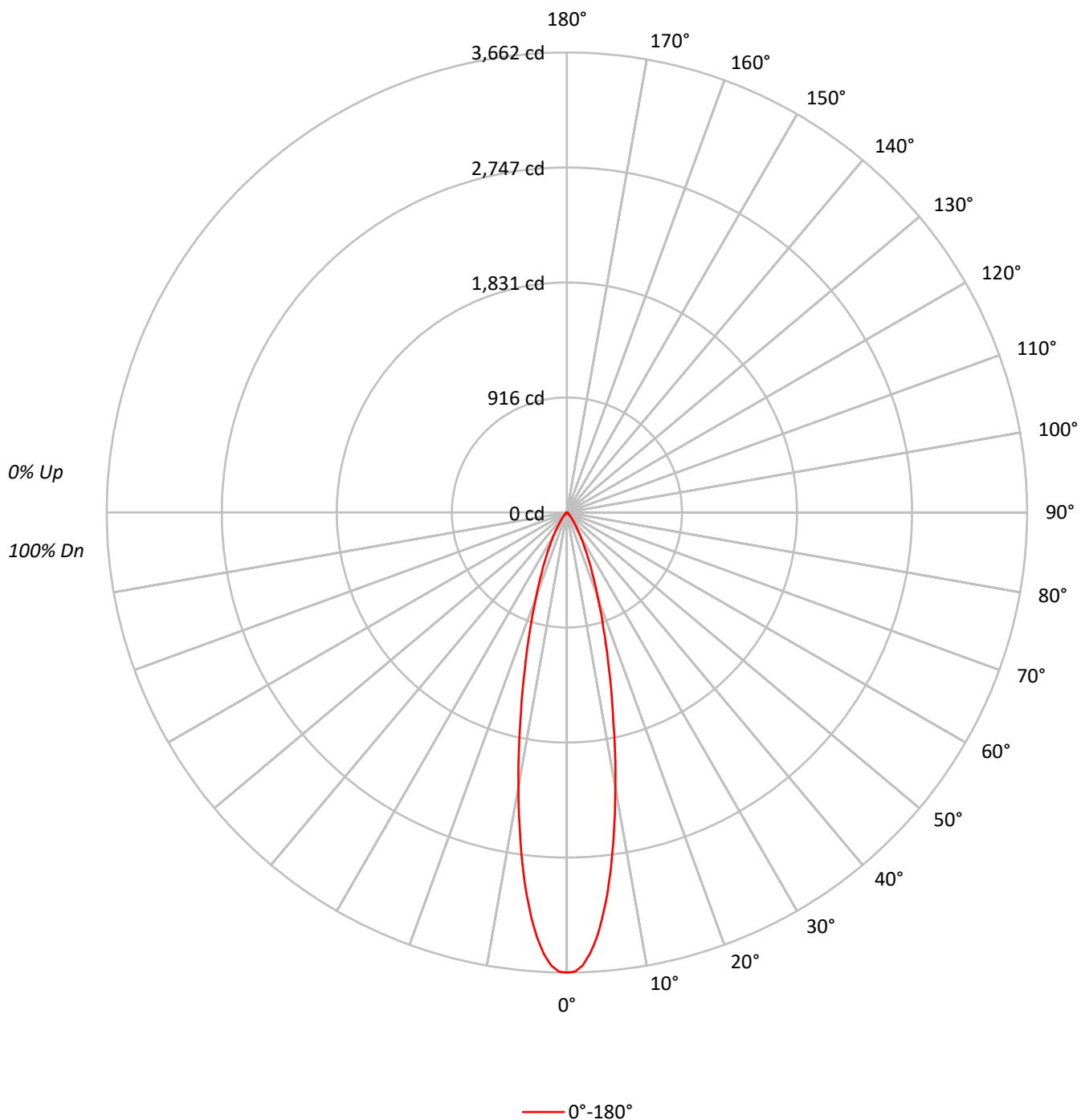
Lumens per Lamp: N/A
Luminaire Lumens: 940.0 lumens
Efficiency: N/A
Efficacy: 64.4 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89	87	85	83
5	98	92	87	84	97	91	87	83	89	86	83		88	84	82		86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	803006
5°	712787
10°	495003
15°	292737
20°	166731
25°	95304
30°	52742
35°	28108
40°	15543
45°	8435
50°	5254
55°	4167
60°	3552
65°	3269
70°	2885
75°	3050
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8435 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.4	29.3
10°-20°	363.4	38.7
20°-30°	187.1	19.9
30°-40°	70.3	7.5
40°-50°	23.0	2.4
50°-60°	9.9	1.1
60°-70°	6.2	0.7
70°-80°	3.7	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°	825.9	87.9
0°-40°	896.2	95.3
0°-60°	929.1	98.8
0°-90°	940.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	940.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3662	
5°	3238	275
15°	1290	363
25°	394	187
35°	105	70
45°	27	23
55°	11	10
65°	6	6
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3662.0
1°	3654.8
2°	3606.8
3°	3515.3
4°	3394.9
5°	3238.2
6°	3060.7
7°	2866.0
8°	2649.6
9°	2435.9
10°	2223.1
12.5°	1710.6
15°	1289.5
17.5°	965.3
20°	714.5
22.5°	533.4
25°	393.9
27.5°	287.1
30°	208.3
32.5°	147.6
35°	105.0
37.5°	75.2
40°	54.3
42.5°	38.9
45°	27.2
47.5°	19.9
50°	15.4
52.5°	12.7
55°	10.9
57.5°	9.1
60°	8.1
62.5°	7.2
65°	6.3
67.5°	5.4
70°	4.5
72.5°	4.5
75°	3.6
77.5°	2.7
80°	1.8
82.5°	1.8
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)