

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: P1273931

Luminaire Tested: P3A13R159830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273931
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: P3A13R159830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

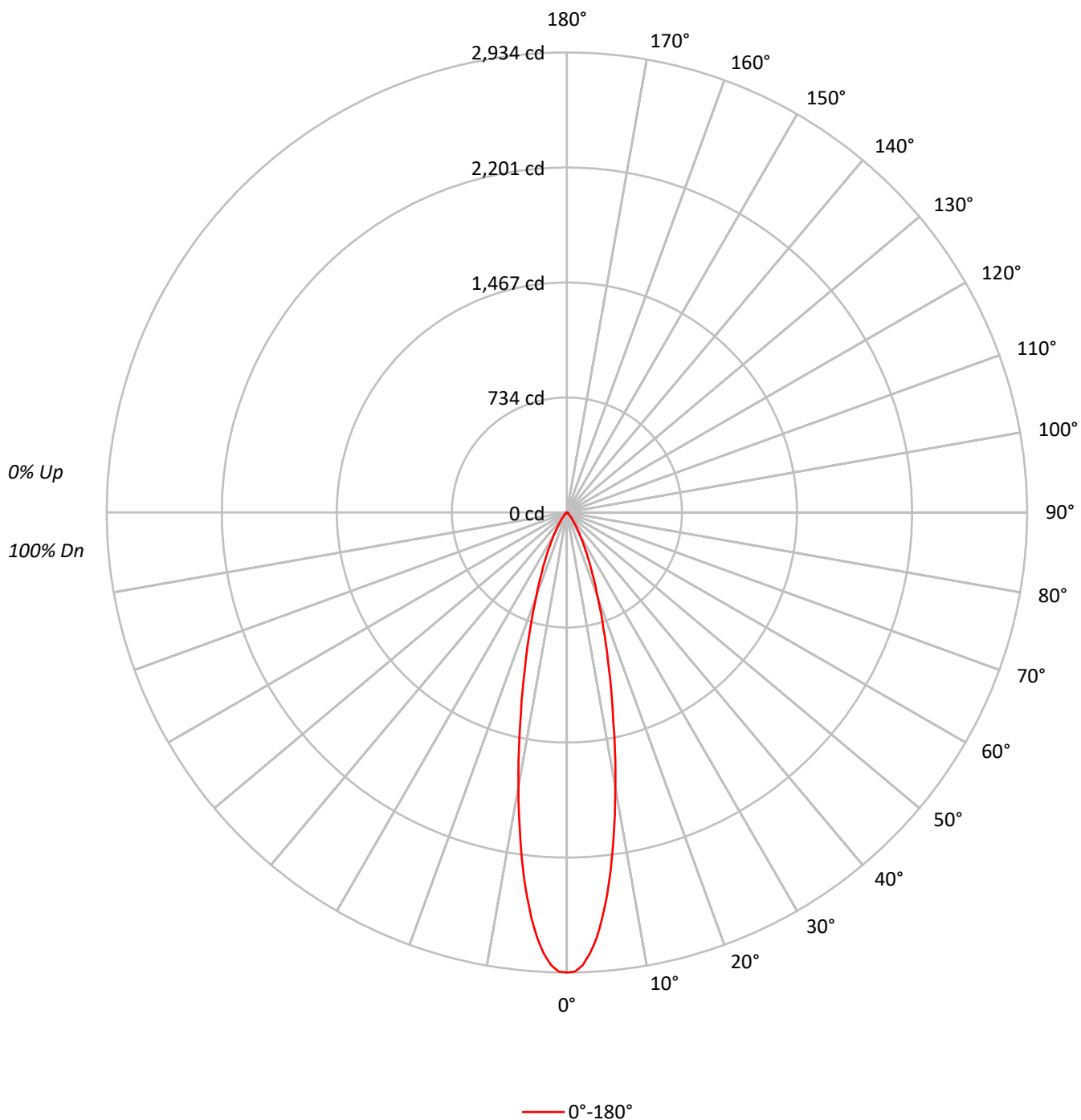
Lumens per Lamp: N/A
Luminaire Lumens: 753.0 lumens
Efficiency: N/A
Efficacy: 51.9 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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					30					10					0
RW	70	50	30	10		70	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
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	106	103	100		108	104	101	99		101	99	97		98	96	95		96	94	93
3	106	101	97	93		104	99	96	93		97	94	91		94	92	90		92	90	88
4	102	96	92	88		100	95	91	88		93	89	87		91	88	86		89	87	85
5	98	92	87	84		97	91	87	83		89	85	83		88	84	82		86	83	81
6	95	88	83	80		94	87	83	80		86	82	79		85	81	79		83	80	78
7	92	85	80	77		91	84	80	76		83	79	76		82	78	76		81	78	75
8	89	81	77	74		88	81	77	73		80	76	73		79	75	73		78	75	73
9	86	79	74	71		85	78	74	71		77	73	71		77	73	70		76	73	70
10	84	76	71	68		83	76	71	68		75	71	68		74	71	68		74	70	68

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	643260
5°	570987
10°	396519
15°	234508
20°	133548
25°	76335
30°	42234
35°	22513
40°	12452
45°	6760
50°	4196
55°	3326
60°	2851
65°	2646
70°	2308
75°	2457
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6760 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.6	29.3
10°-20°	291.1	38.7
20°-30°	149.9	19.9
30°-40°	56.3	7.5
40°-50°	18.4	2.4
50°-60°	7.9	1.1
60°-70°	5.0	0.7
70°-80°	3.0	0.4
80°-90°	0.8	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°	661.6	87.9
0°-40°	717.9	95.3
0°-60°	744.2	98.8
0°-90°	753.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	753.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2934	
5°	2594	221
15°	1033	291
25°	316	150
35°	84	56
45°	22	18
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2933.5
1°	2927.7
2°	2889.3
3°	2816.0
4°	2719.5
5°	2594.0
6°	2451.8
7°	2295.9
8°	2122.5
9°	1951.3
10°	1780.8
12.5°	1370.3
15°	1033.0
17.5°	773.3
20°	572.3
22.5°	427.3
25°	315.5
27.5°	230.0
30°	166.8
32.5°	118.2
35°	84.1
37.5°	60.2
40°	43.5
42.5°	31.2
45°	21.8
47.5°	16.0
50°	12.3
52.5°	10.2
55°	8.7
57.5°	7.3
60°	6.5
62.5°	5.8
65°	5.1
67.5°	4.4
70°	3.6
72.5°	3.6
75°	2.9
77.5°	2.2
80°	1.5
82.5°	1.5
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)