

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: P1273963

Luminaire Tested: P3A13R209830DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273963
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R209830DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

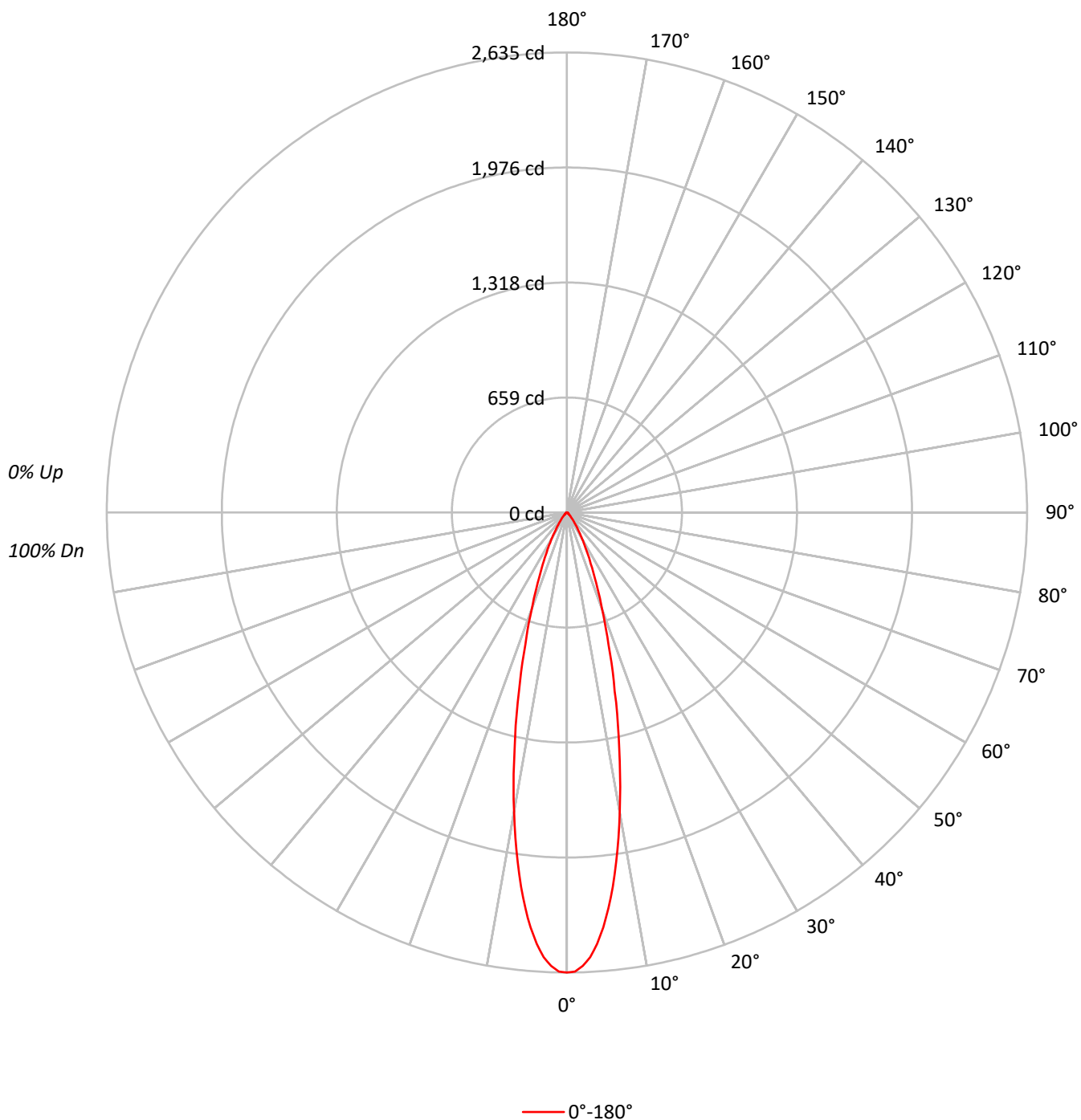
Lumens per Lamp: N/A
Luminaire Lumens: 751.0 lumens
Efficiency: N/A
Efficacy: 51.8 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	577805
5°	525246
10°	388191
15°	240138
20°	137142
25°	78295
30°	43905
35°	23878
40°	13082
45°	7195
50°	4196
55°	3058
60°	2851
65°	2646
70°	2308
75°	2457
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7195 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	206.6	27.5
10°-20°	295.0	39.3
20°-30°	154.0	20.5
30°-40°	59.5	7.9
40°-50°	19.3	2.6
50°-60°	7.6	1.0
60°-70°	5.0	0.7
70°-80°	3.0	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°	655.6	87.3
0°-40°	715.1	95.2
0°-60°	742.0	98.8
0°-90°	751.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	751.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2635	
5°	2386	207
15°	1058	295
25°	324	154
35°	89	60
45°	23	19
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2635.0
1°	2629.9
2°	2598.7
3°	2550.9
4°	2476.9
5°	2386.2
6°	2278.8
7°	2159.8
8°	2022.0
9°	1887.8
10°	1743.4
12.5°	1385.7
15°	1057.8
17.5°	791.5
20°	587.7
22.5°	435.3
25°	323.6
27.5°	238.7
30°	173.4
32.5°	125.5
35°	89.2
37.5°	64.6
40°	45.7
42.5°	32.6
45°	23.2
47.5°	16.7
50°	12.3
52.5°	9.4
55°	8.0
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°	0.7
90°	0.0

(END OF REPORT)