

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: P1262624

Luminaire Tested: P3A13R209727DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262624
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: P3A13R209727DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

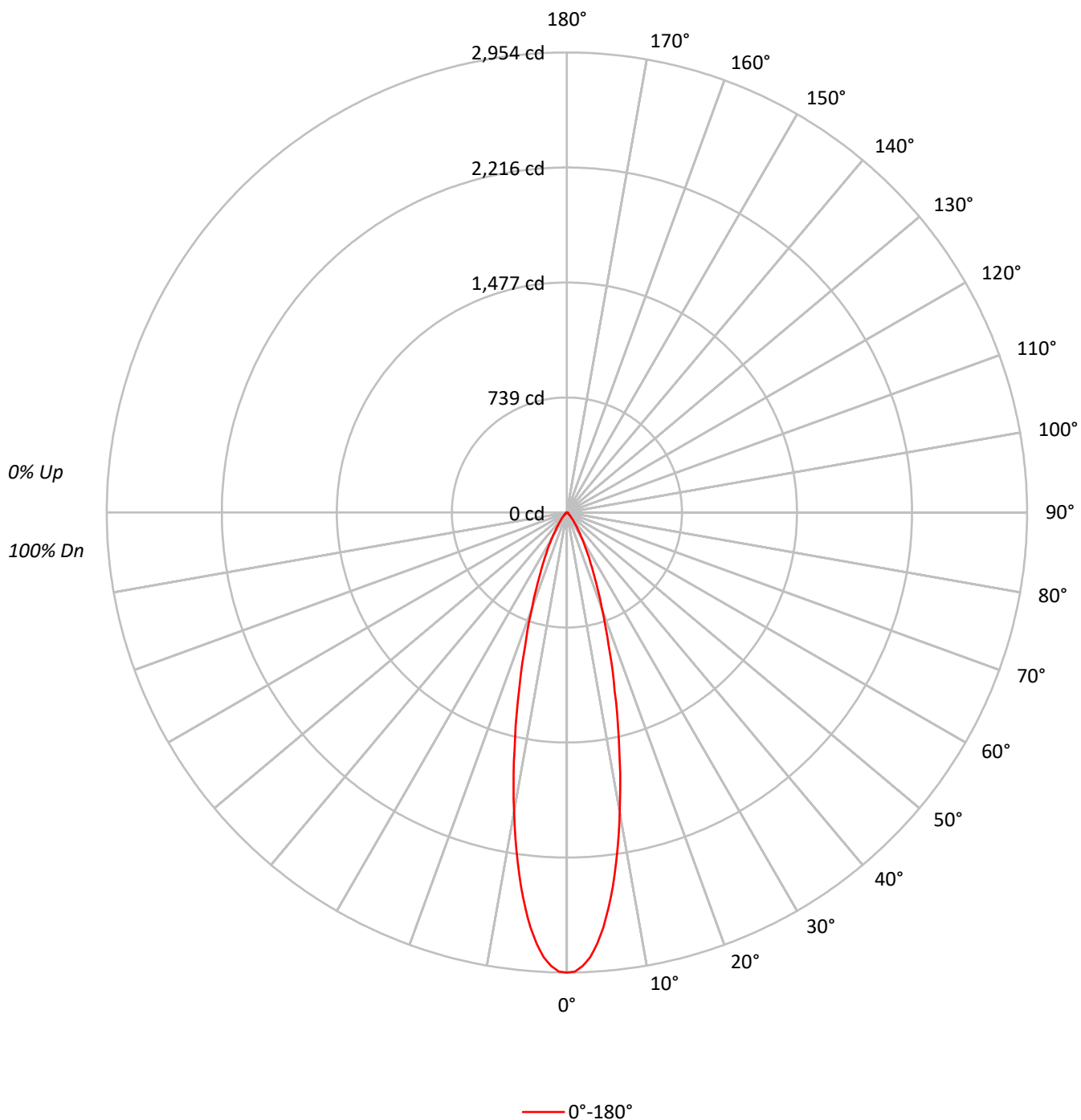
Lumens per Lamp: N/A
Luminaire Lumens: 841.9 lumens
Efficiency: N/A
Efficacy: 57.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78	74	72	71
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	647821
5°	588882
10°	435218
15°	269241
20°	153757
25°	87779
30°	49223
35°	26769
40°	14656
45°	8063
50°	4708
55°	3403
60°	3201
65°	2958
70°	2629
75°	2796
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8063 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	231.7	27.5
10°-20°	330.7	39.3
20°-30°	172.6	20.5
30°-40°	66.7	7.9
40°-50°	21.6	2.6
50°-60°	8.5	1.0
60°-70°	5.6	0.7
70°-80°	3.3	0.4
80°-90°	1.1	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°	735.0	87.3
0°-40°	801.7	95.2
0°-60°	831.9	98.8
0°-90°	841.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	841.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2954	
5°	2675	232
15°	1186	331
25°	363	173
35°	100	67
45°	26	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2954.3
1°	2948.6
2°	2913.6
3°	2860.0
4°	2777.0
5°	2675.3
6°	2554.9
7°	2421.5
8°	2267.0
9°	2116.5
10°	1954.6
12.5°	1553.6
15°	1186.0
17.5°	887.4
20°	658.9
22.5°	488.0
25°	362.8
27.5°	267.6
30°	194.4
32.5°	140.7
35°	100.0
37.5°	72.4
40°	51.2
42.5°	36.6
45°	26.0
47.5°	18.7
50°	13.8
52.5°	10.6
55°	8.9
57.5°	8.1
60°	7.3
62.5°	6.5
65°	5.7
67.5°	4.9
70°	4.1
72.5°	4.1
75°	3.3
77.5°	2.4
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)