

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: P1274136

Luminaire Tested: P3A13R509830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274136
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R509830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

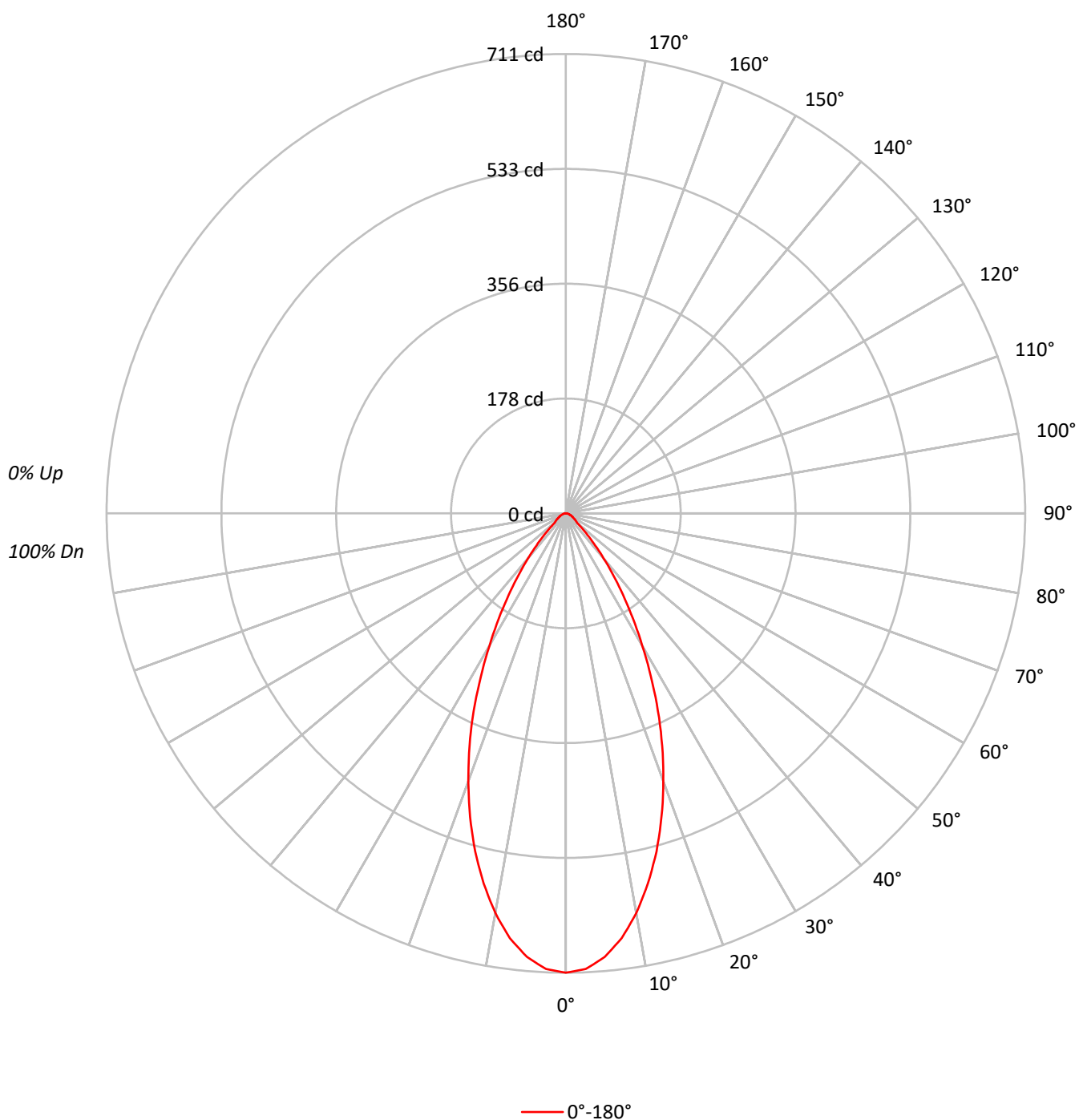
Lumens per Lamp: N/A
Luminaire Lumens: 536.0 lumens
Efficiency: N/A
Efficacy: 37.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	155887
5°	151706
10°	139877
15°	123020
20°	102932
25°	81610
30°	59883
35°	41171
40°	26163
45°	14637
50°	7914
55°	6652
60°	5745
65°	5292
70°	4680
75°	4321
80°	3662
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14637 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.8	11.9
10°-20°	150.1	28.0
20°-30°	153.5	28.6
30°-40°	97.3	18.2
40°-50°	38.7	7.2
50°-60°	15.7	2.9
60°-70°	10.1	1.9
70°-80°	5.2	1.0
80°-90°	1.6	0.3
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°	367.4	68.5
0°-40°	464.8	86.7
0°-60°	519.2	96.9
0°-90°	536.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	536.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	711	
5°	689	64
15°	542	150
25°	337	154
35°	154	97
45°	47	39
55°	17	16
65°	10	10
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	710.9
2.5°	705.9
5°	689.2
7.5°	663.1
10°	628.2
12.5°	586.9
15°	541.9
17.5°	492.6
20°	441.1
22.5°	389.6
25°	337.3
27.5°	285.1
30°	236.5
32.5°	193.0
35°	153.8
37.5°	120.4
40°	91.4
42.5°	67.5
45°	47.2
47.5°	31.9
50°	23.2
52.5°	19.6
55°	17.4
57.5°	15.2
60°	13.1
62.5°	11.6
65°	10.2
67.5°	8.7
70°	7.3
72.5°	5.8
75°	5.1
77.5°	3.6
80°	2.9
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)