

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: P1274481

Luminaire Tested: P3AS17R509830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274481
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: P3AS17R509830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

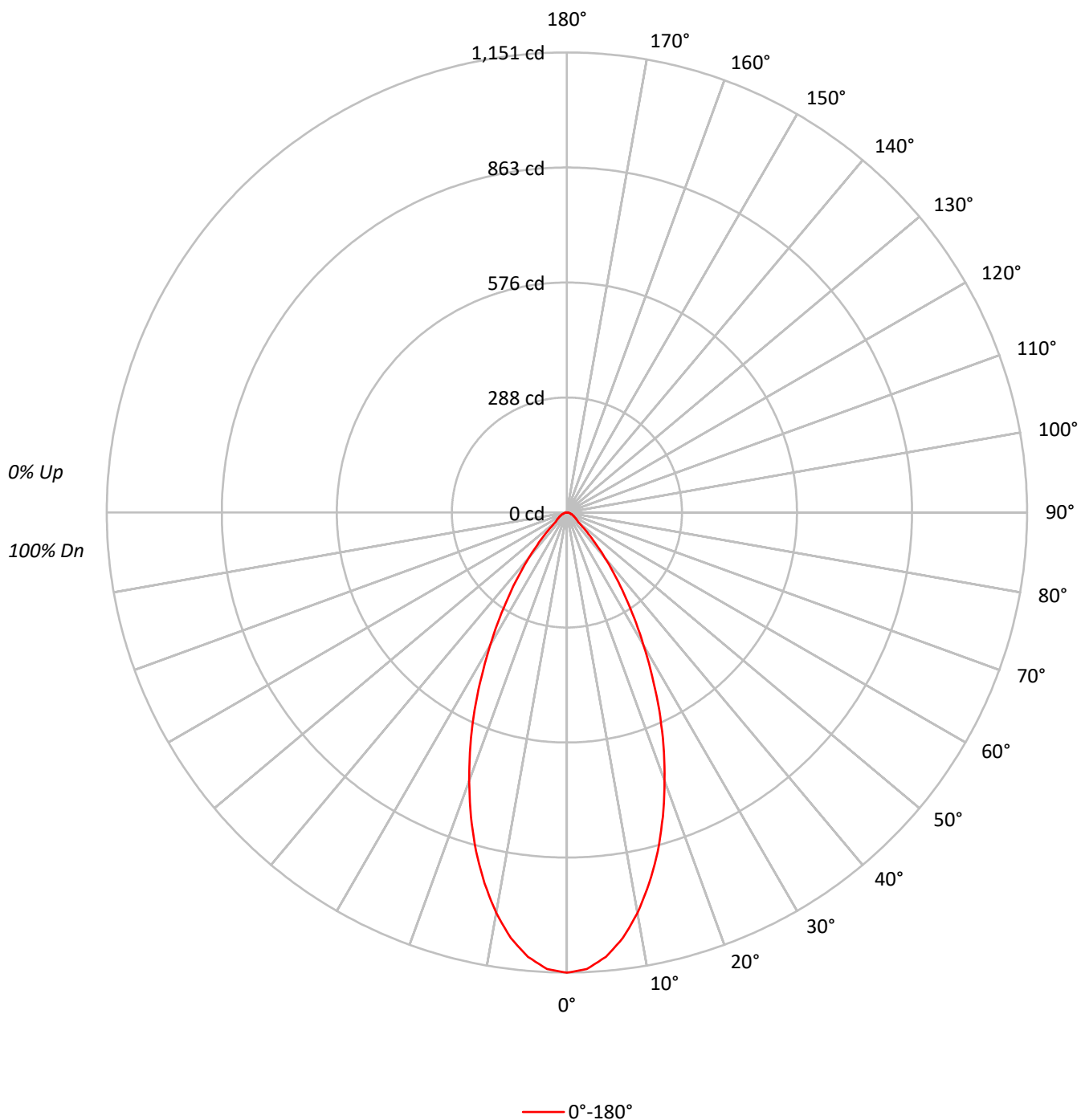
Lumens per Lamp: N/A
Luminaire Lumens: 868.0 lumens
Efficiency: N/A
Efficacy: 42.5 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	252458
5°	245652
10°	226538
15°	199229
20°	166684
25°	132177
30°	96977
35°	66682
40°	42365
45°	23692
50°	12827
55°	10781
60°	9254
65°	8509
70°	7501
75°	6947
80°	5935
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23692 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.4	11.9
10°-20°	243.0	28.0
20°-30°	248.6	28.6
30°-40°	157.6	18.2
40°-50°	62.7	7.2
50°-60°	25.4	2.9
60°-70°	16.2	1.9
70°-80°	8.4	1.0
80°-90°	2.5	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°	595.0	68.6
0°-40°	752.7	86.7
0°-60°	840.9	96.9
0°-90°	868.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	868.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1151	
5°	1116	103
15°	878	243
25°	546	249
35°	249	158
45°	76	63
55°	28	25
65°	16	16
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1151.3
2.5°	1143.1
5°	1116.0
7.5°	1073.8
10°	1017.4
12.5°	950.4
15°	877.6
17.5°	797.7
20°	714.3
22.5°	630.9
25°	546.3
27.5°	461.7
30°	383.0
32.5°	312.5
35°	249.1
37.5°	195.0
40°	148.0
42.5°	109.3
45°	76.4
47.5°	51.7
50°	37.6
52.5°	31.7
55°	28.2
57.5°	24.7
60°	21.1
62.5°	18.8
65°	16.4
67.5°	14.1
70°	11.7
72.5°	9.4
75°	8.2
77.5°	5.9
80°	4.7
82.5°	3.5
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)