

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: P1260085

Luminaire Tested: P3AS13R509050DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260085
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509050DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

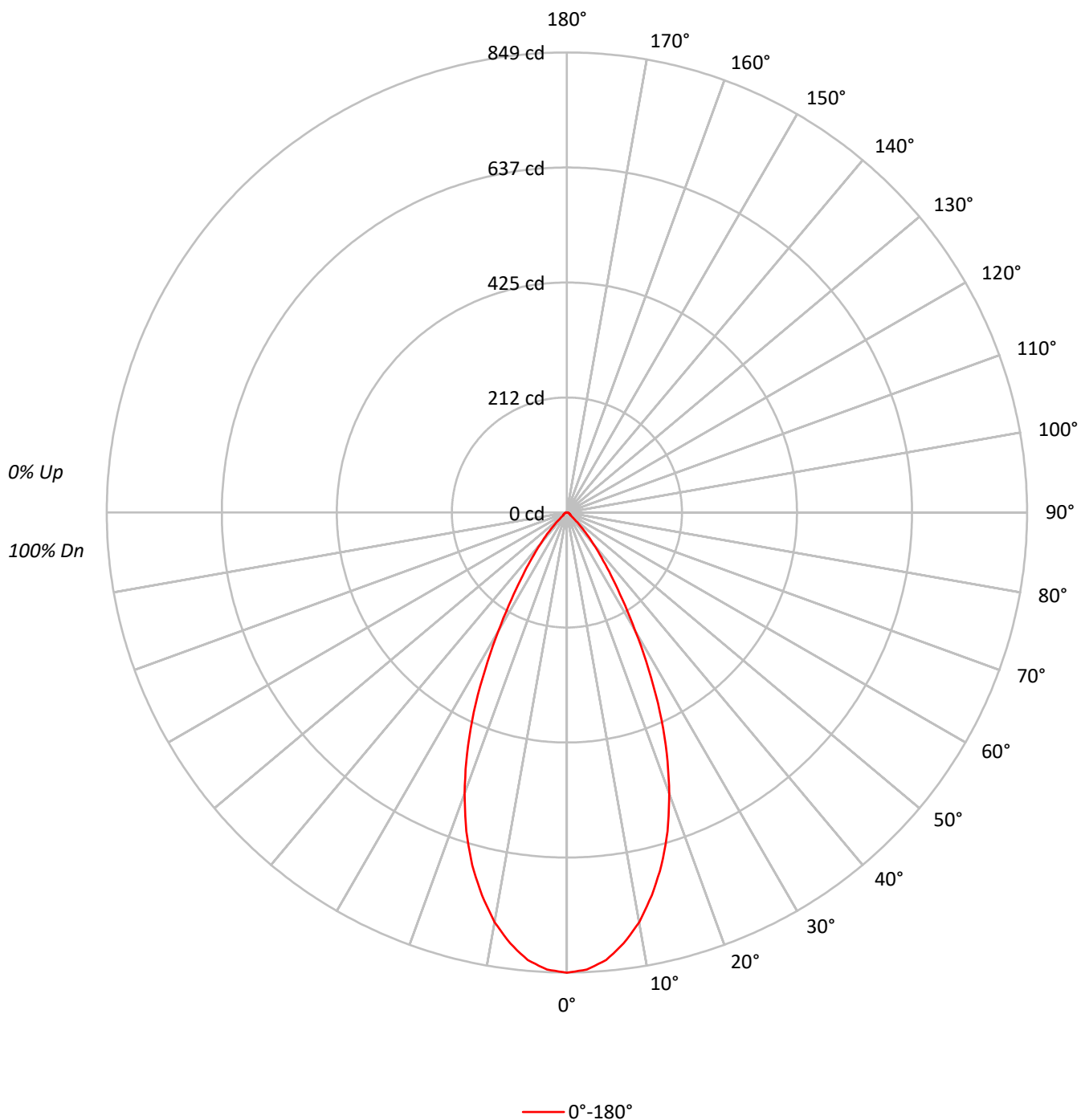
Lumens per Lamp: N/A
Luminaire Lumens: 585.0 lumens
Efficiency: N/A
Efficacy: 40.1 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	186257
5°	182500
10°	170939
15°	153032
20°	128788
25°	98280
30°	63883
35°	37878
40°	21898
45°	10978
50°	4094
55°	3173
60°	2982
65°	2698
70°	2693
75°	2626
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10978 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.1	13.2
10°-20°	186.4	31.9
20°-30°	182.9	31.3
30°-40°	92.1	15.8
40°-50°	29.1	5.0
50°-60°	7.5	1.3
60°-70°	5.3	0.9
70°-80°	3.3	0.6
80°-90°	1.1	0.2
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°	446.4	76.3
0°-40°	538.6	92.1
0°-60°	575.3	98.3
0°-90°	585.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	585.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	849	
5°	829	77
15°	674	186
25°	406	183
35°	142	92
45°	35	29
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	849.4
2.5°	844.2
5°	829.1
7.5°	802.1
10°	767.7
12.5°	723.5
15°	674.1
17.5°	616.9
20°	551.9
22.5°	481.6
25°	406.2
27.5°	326.1
30°	252.3
32.5°	189.9
35°	141.5
37.5°	104.5
40°	76.5
42.5°	54.1
45°	35.4
47.5°	20.3
50°	12.0
52.5°	8.8
55°	8.3
57.5°	7.3
60°	6.8
62.5°	6.2
65°	5.2
67.5°	4.7
70°	4.2
72.5°	3.6
75°	3.1
77.5°	2.6
80°	2.1
82.5°	1.6
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)