

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: P1254793

Luminaire Tested: P3AS13R509035DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254793
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: P3AS13R509035DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

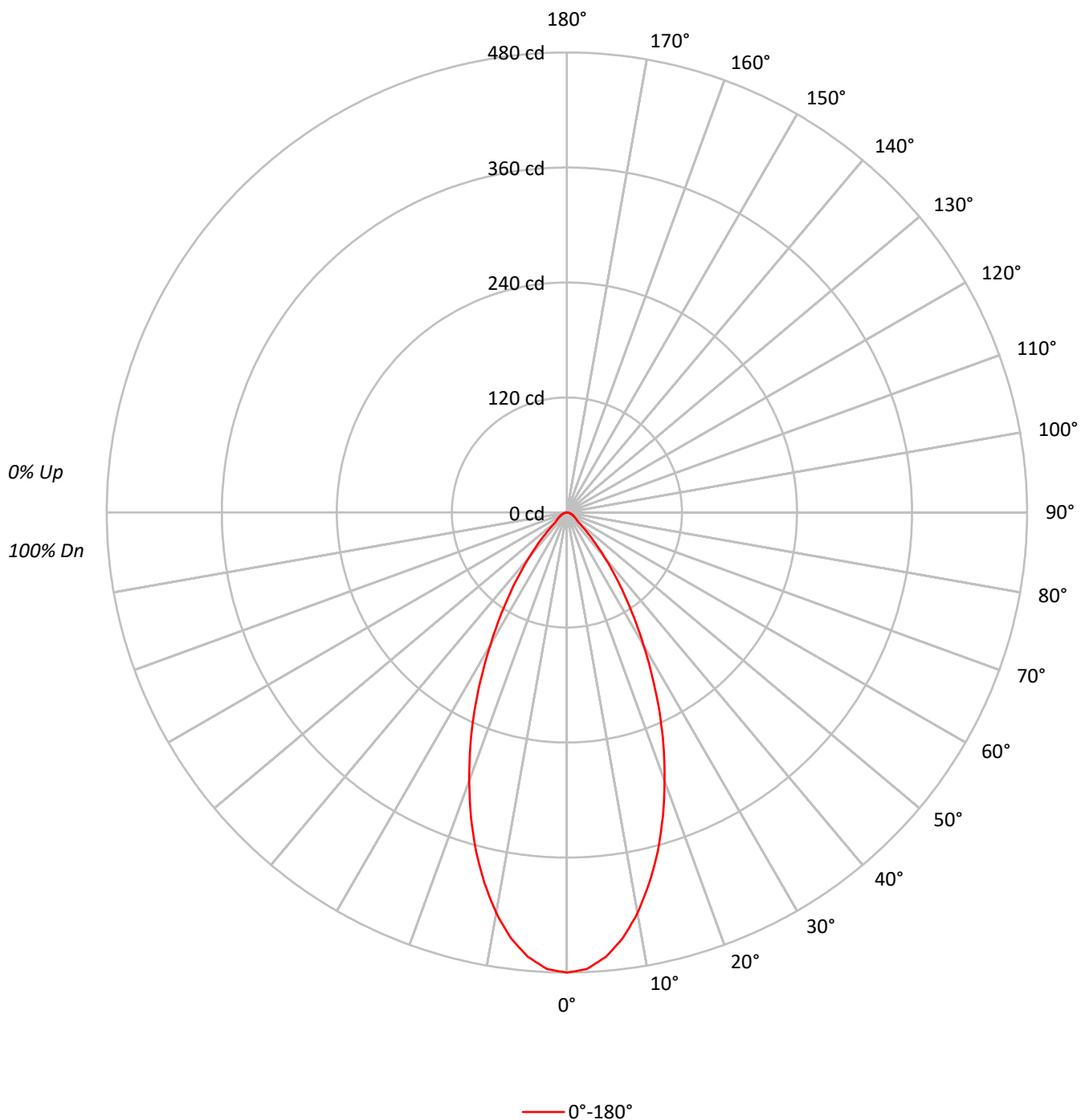
Lumens per Lamp: N/A
Luminaire Lumens: 362.0 lumens
Efficiency: N/A
Efficacy: 24.8 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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°	105277
5°	102443
10°	94476
15°	83088
20°	69516
25°	55116
30°	40437
35°	27813
40°	17662
45°	9861
50°	5356
55°	4511
60°	3859
65°	3580
70°	3142
75°	2881
80°	2526
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9861 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.1	11.9
10°-20°	101.4	28.0
20°-30°	103.7	28.6
30°-40°	65.7	18.2
40°-50°	26.2	7.2
50°-60°	10.6	2.9
60°-70°	6.8	1.9
70°-80°	3.5	1.0
80°-90°	1.1	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°	248.2	68.5
0°-40°	313.9	86.7
0°-60°	350.7	96.9
0°-90°	362.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	362.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	480	
5°	465	43
15°	366	101
25°	228	104
35°	104	66
45°	32	26
55°	12	11
65°	7	7
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	480.1
2.5°	476.7
5°	465.4
7.5°	447.8
10°	424.3
12.5°	396.4
15°	366.0
17.5°	332.7
20°	297.9
22.5°	263.1
25°	227.8
27.5°	192.5
30°	159.7
32.5°	130.3
35°	103.9
37.5°	81.3
40°	61.7
42.5°	45.6
45°	31.8
47.5°	21.6
50°	15.7
52.5°	13.2
55°	11.8
57.5°	10.3
60°	8.8
62.5°	7.8
65°	6.9
67.5°	5.9
70°	4.9
72.5°	3.9
75°	3.4
77.5°	2.4
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)