

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: P1267565

Luminaire Tested: P3AS13R509735DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267565
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: P3AS13R509735DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

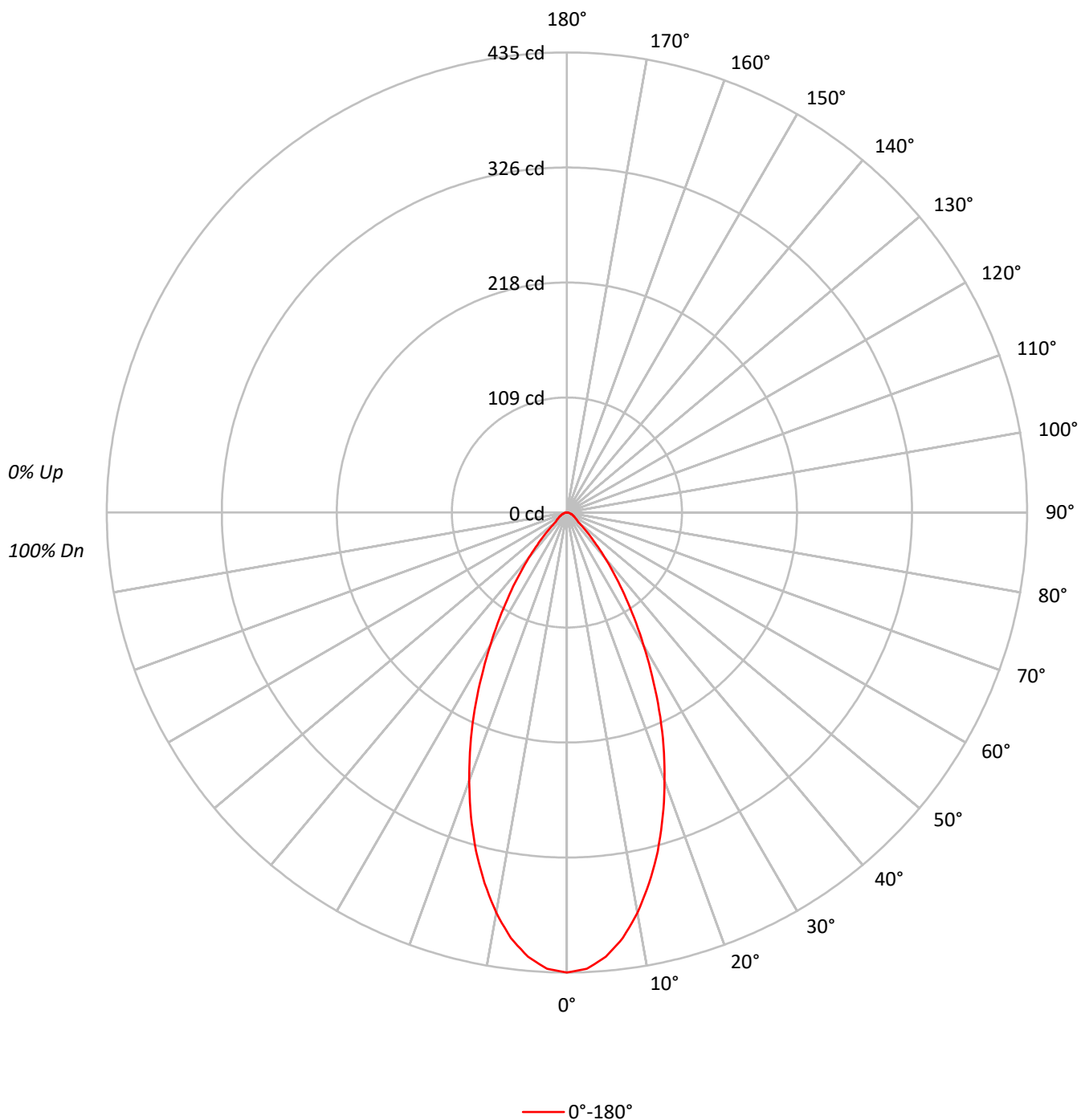
Lumens per Lamp: N/A
Luminaire Lumens: 328.0 lumens
Efficiency: N/A
Efficacy: 22.5 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	107	105		111	108	106	103		104	102	100		100	99	97		97	95	94
2	107	102	98	94		105	100	96	93		97	94	91		94	91	89		91	89	87
3	101	95	89	85		99	93	88	85		91	87	83		88	85	82		86	83	81
4	96	88	82	78		94	87	82	78		85	80	77		83	79	76		81	78	75
5	91	83	76	72		90	82	76	72		80	75	71		78	74	70		77	73	70
6	87	77	71	67		85	77	71	67		75	70	66		74	69	66		72	68	65
7	82	73	67	62		81	72	66	62		71	66	62		70	65	61		68	64	61
8	78	69	63	58		77	68	62	58		67	62	58		66	61	58		65	61	57
9	75	65	59	55		74	64	59	55		63	58	55		63	58	54		62	57	54
10	71	61	56	52		70	61	55	52		60	55	51		59	55	51		59	54	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	95387
5°	92824
10°	85592
15°	75279
20°	62982
25°	49938
30°	36639
35°	25190
40°	16001
45°	8962
50°	4844
55°	4091
60°	3508
65°	3217
70°	2821
75°	2626
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8962 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.1	11.9
10°-20°	91.8	28.0
20°-30°	93.9	28.6
30°-40°	59.6	18.2
40°-50°	23.7	7.2
50°-60°	9.6	2.9
60°-70°	6.1	1.9
70°-80°	3.2	1.0
80°-90°	1.0	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°	224.8	68.6
0°-40°	284.4	86.7
0°-60°	317.7	96.9
0°-90°	328.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	328.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	435	
5°	422	39
15°	332	92
25°	206	94
35°	94	60
45°	29	24
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	435.0
2.5°	431.9
5°	421.7
7.5°	405.7
10°	384.4
12.5°	359.1
15°	331.6
17.5°	301.4
20°	269.9
22.5°	238.4
25°	206.4
27.5°	174.5
30°	144.7
32.5°	118.1
35°	94.1
37.5°	73.7
40°	55.9
42.5°	41.3
45°	28.9
47.5°	19.5
50°	14.2
52.5°	12.0
55°	10.7
57.5°	9.3
60°	8.0
62.5°	7.1
65°	6.2
67.5°	5.3
70°	4.4
72.5°	3.6
75°	3.1
77.5°	2.2
80°	1.8
82.5°	1.3
85°	0.9
87.5°	0.4
90°	0.0

(END OF REPORT)