

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: P1252080

Luminaire Tested: P3AS13R509030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252080
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

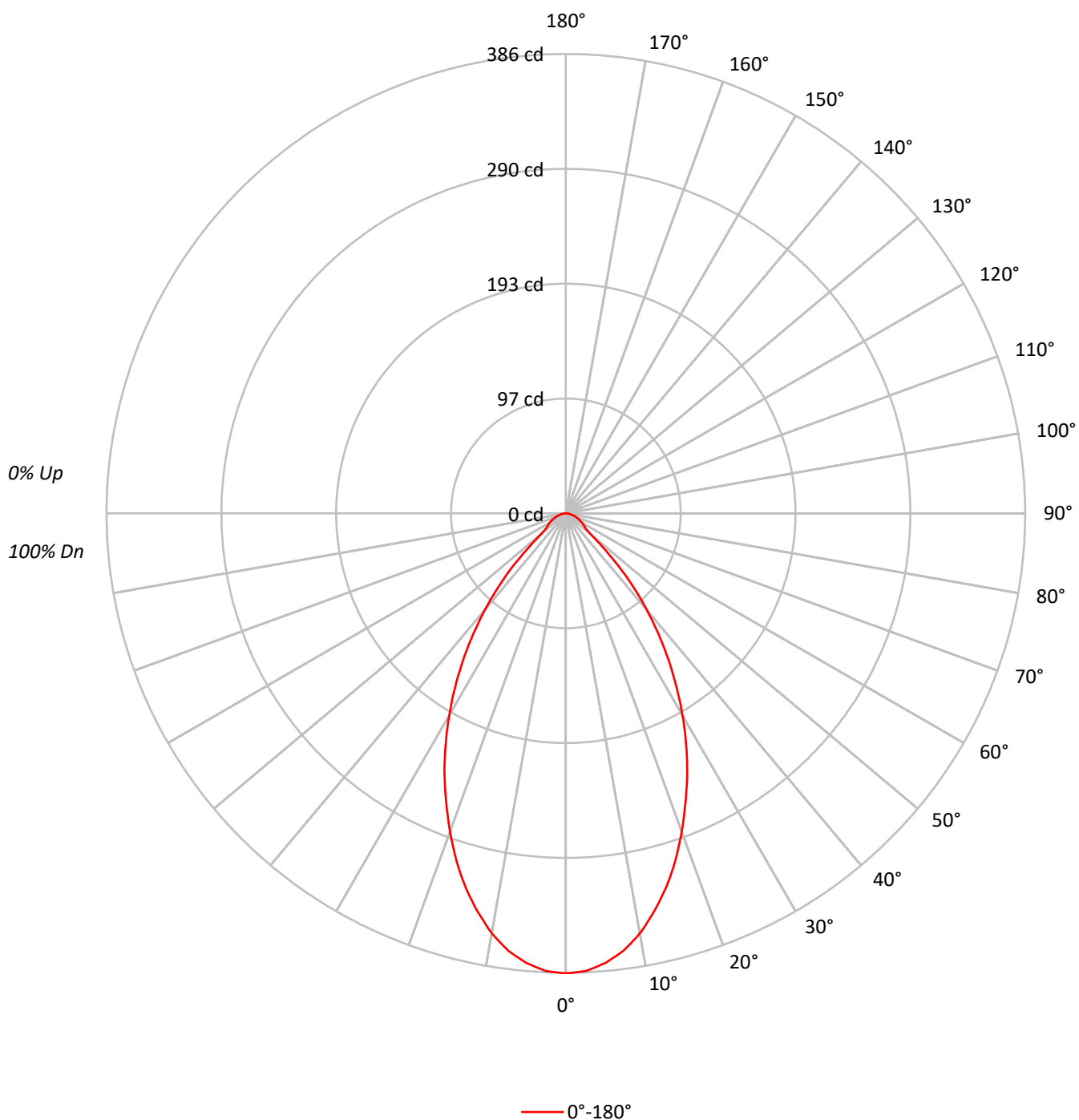
Lumens per Lamp: N/A
Luminaire Lumens: 417.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84752
5°	83491
10°	79803
15°	73894
20°	66412
25°	58382
30°	49653
35°	40261
40°	30257
45°	19475
50°	9245
55°	7264
60°	6885
65°	6434
70°	5770
75°	5253
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19475 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.6	8.5
10°-20°	90.8	21.8
20°-30°	110.3	26.4
30°-40°	93.5	22.4
40°-50°	48.6	11.6
50°-60°	17.5	4.2
60°-70°	12.1	2.9
70°-80°	6.6	1.6
80°-90°	2.1	0.5
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°	236.6	56.7
0°-40°	330.1	79.2
0°-60°	396.2	95.0
0°-90°	417.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	417.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	386	
5°	379	36
15°	326	91
25°	241	110
35°	150	94
45°	63	49
55°	19	17
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	386.5
2.5°	385.0
5°	379.3
7.5°	370.8
10°	358.4
12.5°	342.7
15°	325.5
17.5°	306.0
20°	284.6
22.5°	262.7
25°	241.3
27.5°	218.9
30°	196.1
32.5°	173.2
35°	150.4
37.5°	128.0
40°	105.7
42.5°	84.2
45°	62.8
47.5°	41.9
50°	27.1
52.5°	20.9
55°	19.0
57.5°	17.1
60°	15.7
62.5°	13.8
65°	12.4
67.5°	10.5
70°	9.0
72.5°	7.6
75°	6.2
77.5°	4.8
80°	3.8
82.5°	2.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)