

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: P1252051

Luminaire Tested: P3AS13R459030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252051
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R459030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

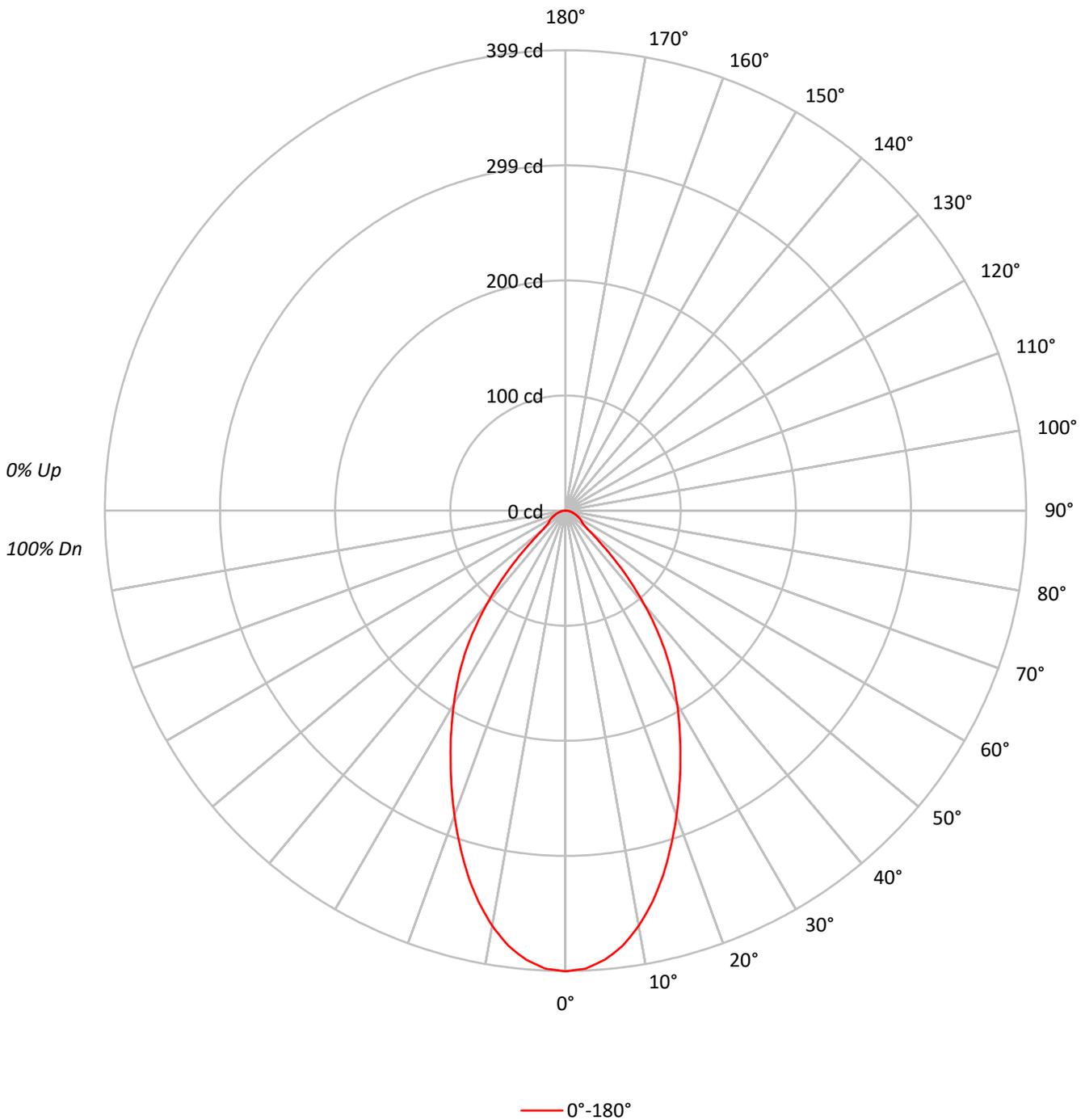
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 413.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83			
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75			
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69			
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63			
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58			
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54			
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50			
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47			
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	87559
5°	86022
10°	81383
15°	74234
20°	65642
25°	57003
30°	48919
35°	40770
40°	30371
45°	18607
50°	8597
55°	6729
60°	6491
65°	5915
70°	5514
75°	5253
80°	4799
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18607 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.5	8.8
10°-20°	91.0	22.0
20°-30°	108.2	26.2
30°-40°	94.0	22.8
40°-50°	47.1	11.4
50°-60°	16.4	4.0
60°-70°	11.5	2.8
70°-80°	6.4	1.6
80°-90°	2.0	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°	235.7	57.1
0°-40°	329.7	79.8
0°-60°	393.2	95.2
0°-90°	413.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	413.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	399	
5°	391	37
15°	327	91
25°	236	108
35°	152	94
45°	60	47
55°	18	16
65°	11	11
75°	6	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	399.3
2.5°	397.4
5°	390.8
7.5°	380.3
10°	365.5
12.5°	347.5
15°	327.0
17.5°	304.1
20°	281.3
22.5°	258.0
25°	235.6
27.5°	214.2
30°	193.2
32.5°	173.2
35°	152.3
37.5°	129.9
40°	106.1
42.5°	82.8
45°	60.0
47.5°	39.5
50°	25.2
52.5°	19.5
55°	17.6
57.5°	16.2
60°	14.8
62.5°	13.3
65°	11.4
67.5°	10.0
70°	8.6
72.5°	7.1
75°	6.2
77.5°	4.8
80°	3.8
82.5°	2.9
85°	1.4
87.5°	1.0
90°	0.0

(END OF REPORT)