

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: P1272012

Luminaire Tested: P3AS13R409827DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272012
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R409827DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

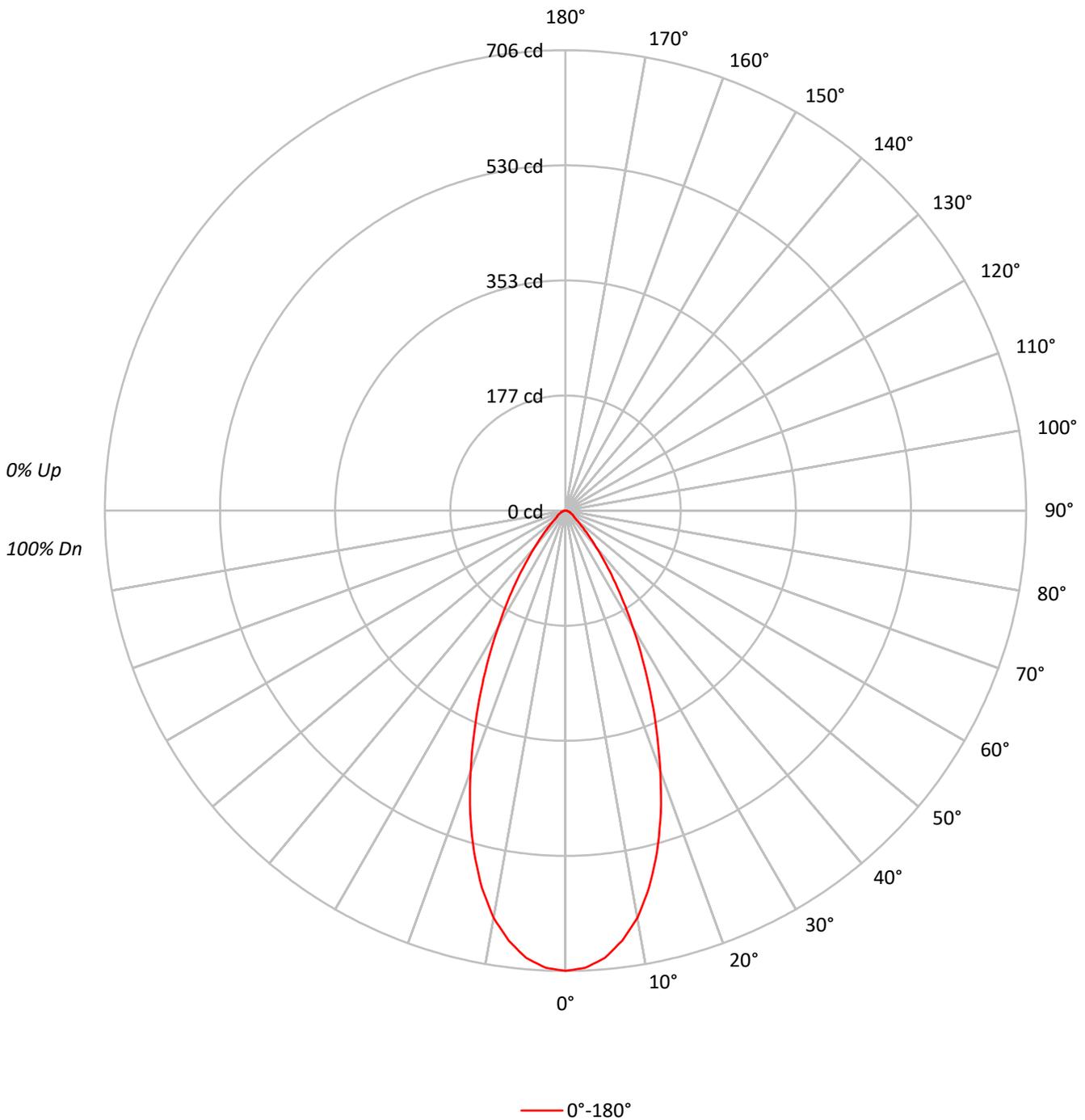
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 497.0 lumens
Efficiency: N/A
Efficacy: 34.3 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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				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				100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80				80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74				74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69				69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65				65
7	83	74	68	64	82	73	68	63	72	67	63	71	66	63	70	66	62	61				61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58				58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	154746
5°	151617
10°	141169
15°	123043
20°	99152
25°	74327
30°	52261
35°	34238
40°	20725
45°	12373
50°	7403
55°	5964
60°	5350
65°	4566
70°	4360
75°	3474
80°	3410
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12373 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.0	12.9
10°-20°	149.3	30.0
20°-30°	140.7	28.3
30°-40°	81.4	16.4
40°-50°	32.4	6.5
50°-60°	14.4	2.9
60°-70°	8.8	1.8
70°-80°	4.7	0.9
80°-90°	1.5	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°	353.9	71.2
0°-40°	435.3	87.6
0°-60°	482.0	97.0
0°-90°	497.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	497.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	706	
5°	689	64
15°	542	149
25°	307	141
35°	128	81
45°	40	32
55°	16	14
65°	9	9
75°	4	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	705.7
2.5°	701.7
5°	688.8
7.5°	665.1
10°	634.0
12.5°	592.1
15°	542.0
17.5°	485.8
20°	424.9
22.5°	364.0
25°	307.2
27.5°	254.4
30°	206.4
32.5°	164.4
35°	127.9
37.5°	96.8
40°	72.4
42.5°	54.1
45°	39.9
47.5°	29.1
50°	21.7
52.5°	17.6
55°	15.6
57.5°	14.2
60°	12.2
62.5°	10.1
65°	8.8
67.5°	7.4
70°	6.8
72.5°	5.4
75°	4.1
77.5°	3.4
80°	2.7
82.5°	2.0
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)