

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: P1252032

Luminaire Tested: P3AS13R409030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252032
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: P3AS13R409030DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

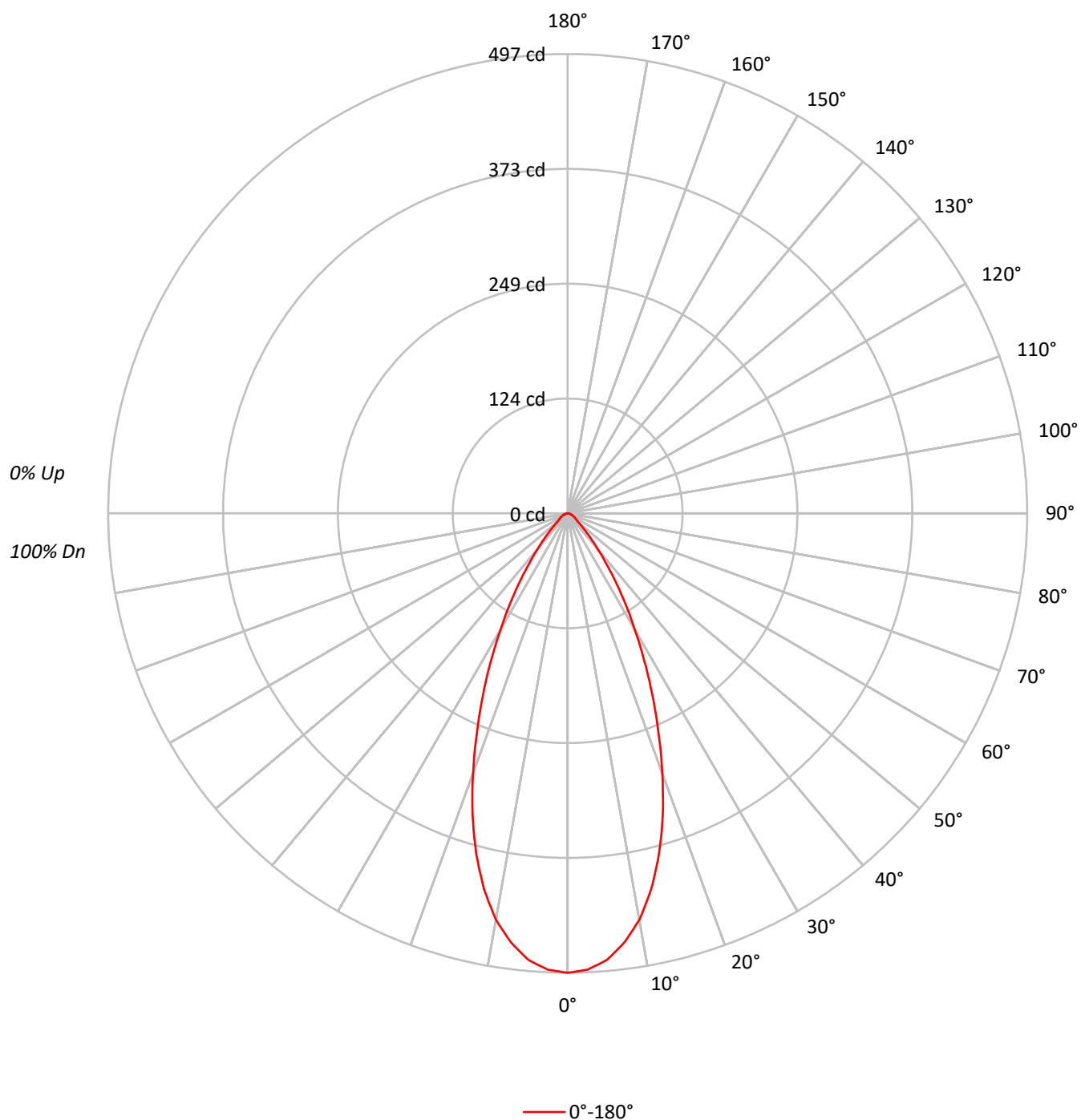
Lumens per Lamp: N/A
Luminaire Lumens: 350.0 lumens
Efficiency: N/A
Efficacy: 24.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93		
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	86		
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80		
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74		
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69		
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65		
7	83	74	68	64	82	73	68	63	72	67	63	71	66	63	70	66	62	61		
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58		
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54		
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108982
5°	106779
10°	99419
15°	86652
20°	69819
25°	52334
30°	36790
35°	24119
40°	14599
45°	8714
50°	5185
55°	4205
60°	3772
65°	3217
70°	3077
75°	2457
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8714 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.0	12.9
10°-20°	105.1	30.0
20°-30°	99.1	28.3
30°-40°	57.3	16.4
40°-50°	22.8	6.5
50°-60°	10.1	2.9
60°-70°	6.2	1.8
70°-80°	3.3	0.9
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°	249.2	71.2
0°-40°	306.5	87.6
0°-60°	339.4	97.0
0°-90°	350.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	350.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	497	
5°	485	45
15°	382	105
25°	216	99
35°	90	57
45°	28	23
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	497.0
2.5°	494.1
5°	485.1
7.5°	468.4
10°	446.5
12.5°	416.9
15°	381.7
17.5°	342.1
20°	299.2
22.5°	256.4
25°	216.3
27.5°	179.2
30°	145.3
32.5°	115.8
35°	90.1
37.5°	68.1
40°	51.0
42.5°	38.1
45°	28.1
47.5°	20.5
50°	15.2
52.5°	12.4
55°	11.0
57.5°	10.0
60°	8.6
62.5°	7.1
65°	6.2
67.5°	5.2
70°	4.8
72.5°	3.8
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.4
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)