

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: P1257822

Luminaire Tested: P3AS17R409040DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257822
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: P3AS17R409040DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

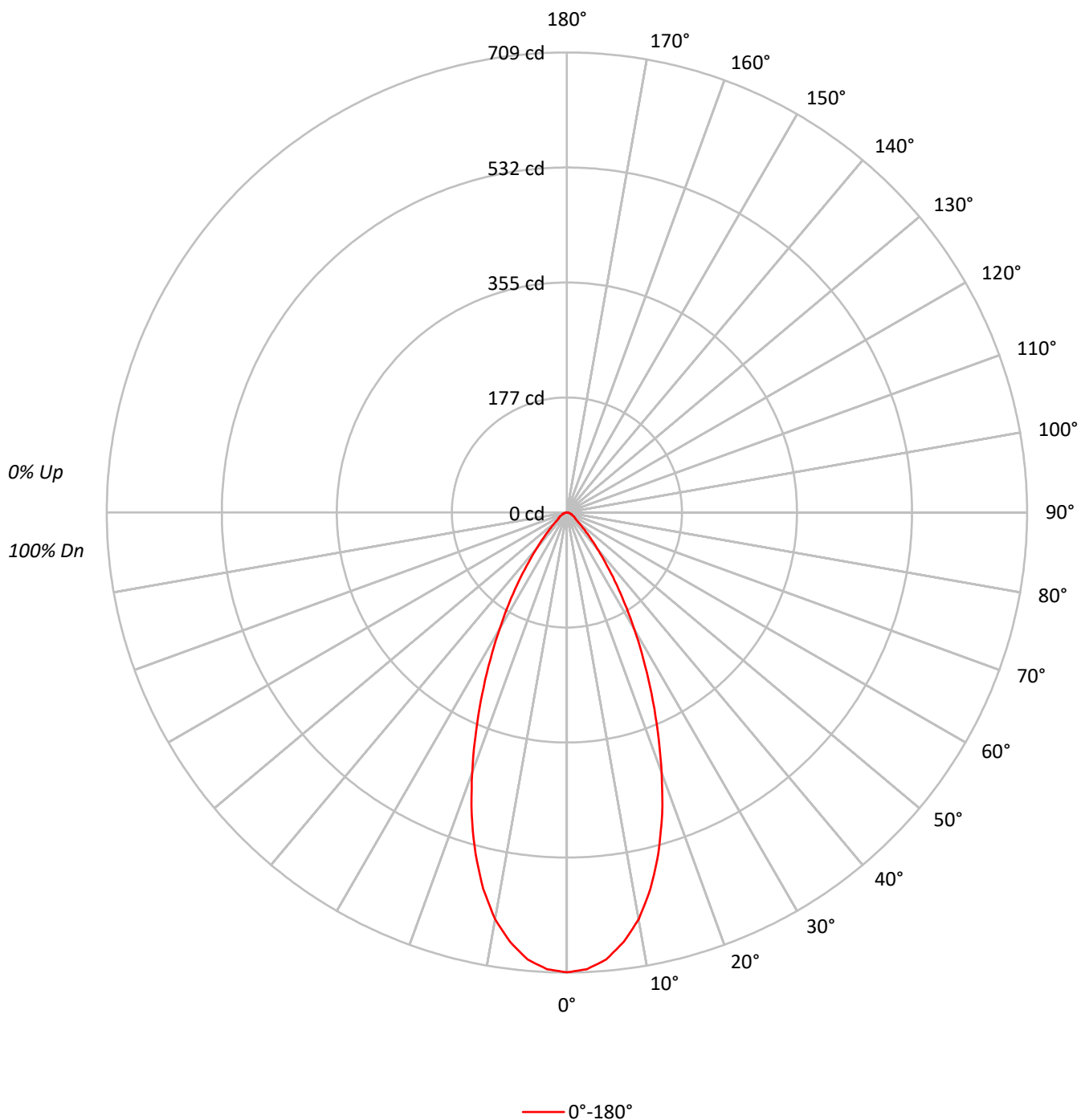
Lumens per Lamp: N/A
Luminaire Lumens: 499.0 lumens
Efficiency: N/A
Efficacy: 23.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	155382
5°	152234
10°	141748
15°	123542
20°	99549
25°	74617
30°	52464
35°	34372
40°	20810
45°	12435
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: 12435 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.2	12.9
10°-20°	149.9	30.0
20°-30°	141.2	28.3
30°-40°	81.7	16.4
40°-50°	32.5	6.5
50°-60°	14.4	2.9
60°-70°	8.9	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°	355.3	71.2
0°-40°	437.0	87.6
0°-60°	483.9	97.0
0°-90°	499.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	499.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	709	
5°	692	64
15°	544	150
25°	308	141
35°	128	82
45°	40	33
55°	16	14
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	708.6
2.5°	704.5
5°	691.6
7.5°	667.8
10°	636.6
12.5°	594.4
15°	544.2
17.5°	487.8
20°	426.6
22.5°	365.5
25°	308.4
27.5°	255.4
30°	207.2
32.5°	165.1
35°	128.4
37.5°	97.1
40°	72.7
42.5°	54.3
45°	40.1
47.5°	29.2
50°	21.7
52.5°	17.7
55°	15.6
57.5°	14.3
60°	12.2
62.5°	10.2
65°	8.8
67.5°	7.5
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)