

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: P1247333

Luminaire Tested: P3A17R409024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247333
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R409024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

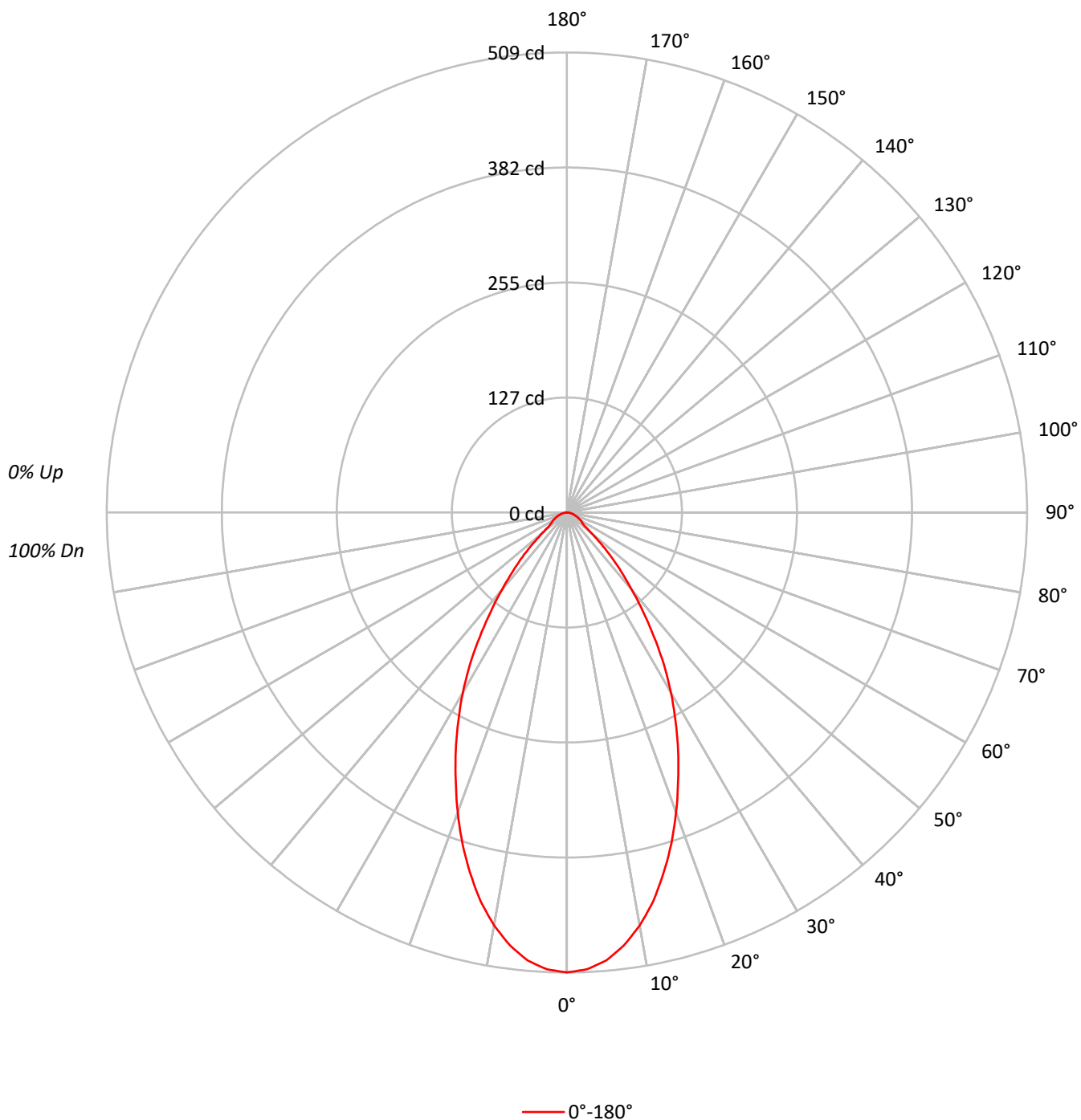
Lumens per Lamp: N/A
Luminaire Lumens: 497.0 lumens
Efficiency: N/A
Efficacy: 23.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111570
5°	109553
10°	103249
15°	93780
20°	82397
25°	70359
30°	58287
35°	44946
40°	32003
45°	21553
50°	11769
55°	8296
60°	7806
65°	7212
70°	6411
75°	6100
80°	4925
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 21553 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.4	9.3
10°-20°	115.1	23.2
20°-30°	133.0	26.8
30°-40°	104.9	21.1
40°-50°	53.8	10.8
50°-60°	20.6	4.1
60°-70°	13.6	2.7
70°-80°	7.4	1.5
80°-90°	2.2	0.4
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°	294.5	59.3
0°-40°	399.4	80.4
0°-60°	473.8	95.3
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°	509	
5°	498	46
15°	413	115
25°	291	133
35°	168	105
45°	70	54
55°	22	21
65°	14	14
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	508.8
2.5°	506.0
5°	497.7
7.5°	483.2
10°	463.7
12.5°	440.9
15°	413.1
17.5°	384.2
20°	353.1
22.5°	321.4
25°	290.8
27.5°	260.2
30°	230.2
32.5°	199.6
35°	167.9
37.5°	138.5
40°	111.8
42.5°	89.0
45°	69.5
47.5°	50.6
50°	34.5
52.5°	25.0
55°	21.7
57.5°	19.5
60°	17.8
62.5°	15.6
65°	13.9
67.5°	11.7
70°	10.0
72.5°	8.3
75°	7.2
77.5°	5.6
80°	3.9
82.5°	3.3
85°	1.7
87.5°	1.1
90°	0.0

(END OF REPORT)