

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: P1246544

Luminaire Tested: P3A09R409024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246544
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: P3A09R409024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

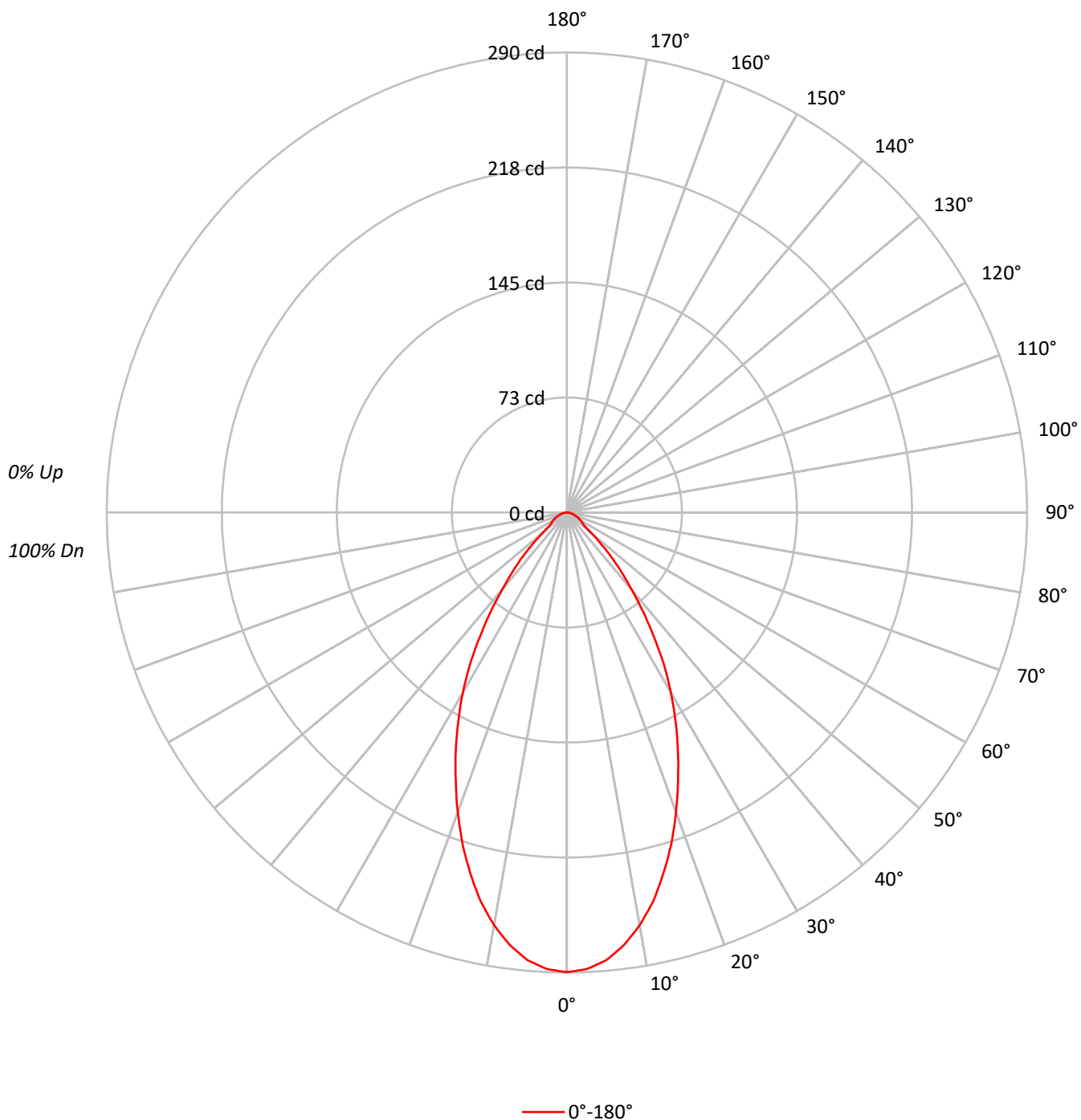
Lumens per Lamp: N/A
Luminaire Lumens: 282.9 lumens
Efficiency: N/A
Efficacy: 25.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	62		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	58	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°	63526
5°	62382
10°	58805
15°	53417
20°	46927
25°	40067
30°	33195
35°	25591
40°	18206
45°	12280
50°	6686
55°	4702
60°	4429
65°	4099
70°	3654
75°	3474
80°	2778
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12280 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.4	9.3
10°-20°	65.5	23.2
20°-30°	75.8	26.8
30°-40°	59.7	21.1
40°-50°	30.6	10.8
50°-60°	11.7	4.1
60°-70°	7.7	2.7
70°-80°	4.2	1.5
80°-90°	1.2	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°	167.7	59.3
0°-40°	227.4	80.4
0°-60°	269.8	95.3
0°-90°	282.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	282.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	290	
5°	283	26
15°	235	66
25°	166	76
35°	96	60
45°	40	31
55°	12	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	289.7
2.5°	288.1
5°	283.4
7.5°	275.1
10°	264.1
12.5°	251.1
15°	235.3
17.5°	218.8
20°	201.1
22.5°	183.0
25°	165.6
27.5°	148.2
30°	131.1
32.5°	113.7
35°	95.6
37.5°	78.8
40°	63.6
42.5°	50.7
45°	39.6
47.5°	28.8
50°	19.6
52.5°	14.2
55°	12.3
57.5°	11.1
60°	10.1
62.5°	8.9
65°	7.9
67.5°	6.6
70°	5.7
72.5°	4.7
75°	4.1
77.5°	3.2
80°	2.2
82.5°	1.9
85°	0.9
87.5°	0.6
90°	0.0

(END OF REPORT)