

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: P1246961

Luminaire Tested: P3A13R409024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246961
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: P3A13R409024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

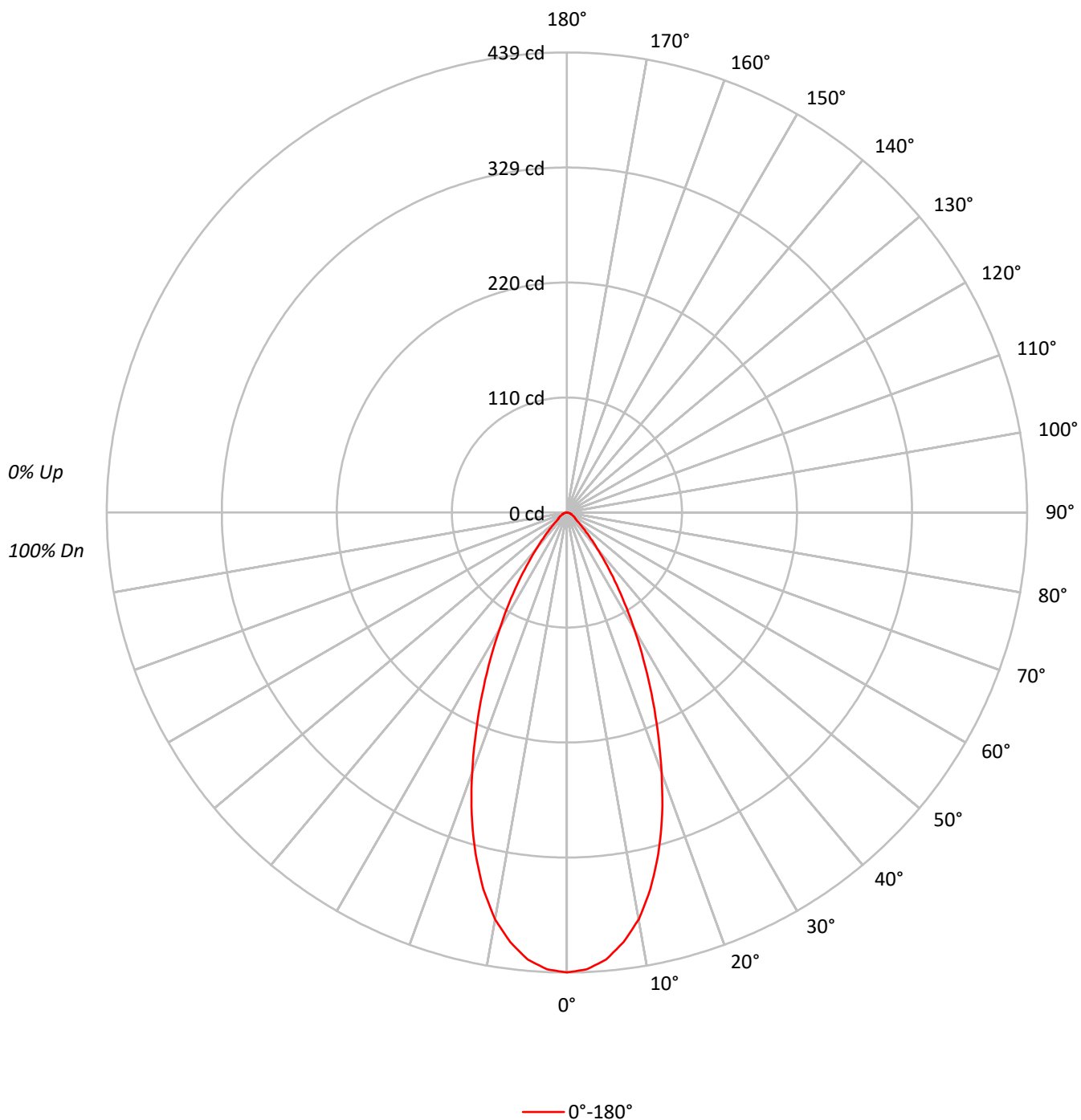
Lumens per Lamp: N/A
Luminaire Lumens: 309.0 lumens
Efficiency: N/A
Efficacy: 21.2 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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°	96220
5°	94277
10°	87774
15°	76504
20°	61652
25°	46212
30°	32486
35°	21282
40°	12881
45°	7691
50°	4605
55°	3708
60°	3333
65°	2854
70°	2693
75°	2118
80°	2147
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7691 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.8	12.9
10°-20°	92.8	30.0
20°-30°	87.5	28.3
30°-40°	50.6	16.4
40°-50°	20.2	6.5
50°-60°	8.9	2.9
60°-70°	5.5	1.8
70°-80°	2.9	0.9
80°-90°	0.9	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°	220.1	71.2
0°-40°	270.6	87.6
0°-60°	299.7	97.0
0°-90°	309.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	309.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	439	
5°	428	40
15°	337	93
25°	191	87
35°	80	51
45°	25	20
55°	10	9
65°	6	6
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	438.8
2.5°	436.3
5°	428.3
7.5°	413.5
10°	394.2
12.5°	368.1
15°	337.0
17.5°	302.1
20°	264.2
22.5°	226.3
25°	191.0
27.5°	158.2
30°	128.3
32.5°	102.2
35°	79.5
37.5°	60.2
40°	45.0
42.5°	33.7
45°	24.8
47.5°	18.1
50°	13.5
52.5°	10.9
55°	9.7
57.5°	8.8
60°	7.6
62.5°	6.3
65°	5.5
67.5°	4.6
70°	4.2
72.5°	3.4
75°	2.5
77.5°	2.1
80°	1.7
82.5°	1.3
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)