

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: P1245815

Luminaire Tested: P3A02R509024DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245815
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R509024DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

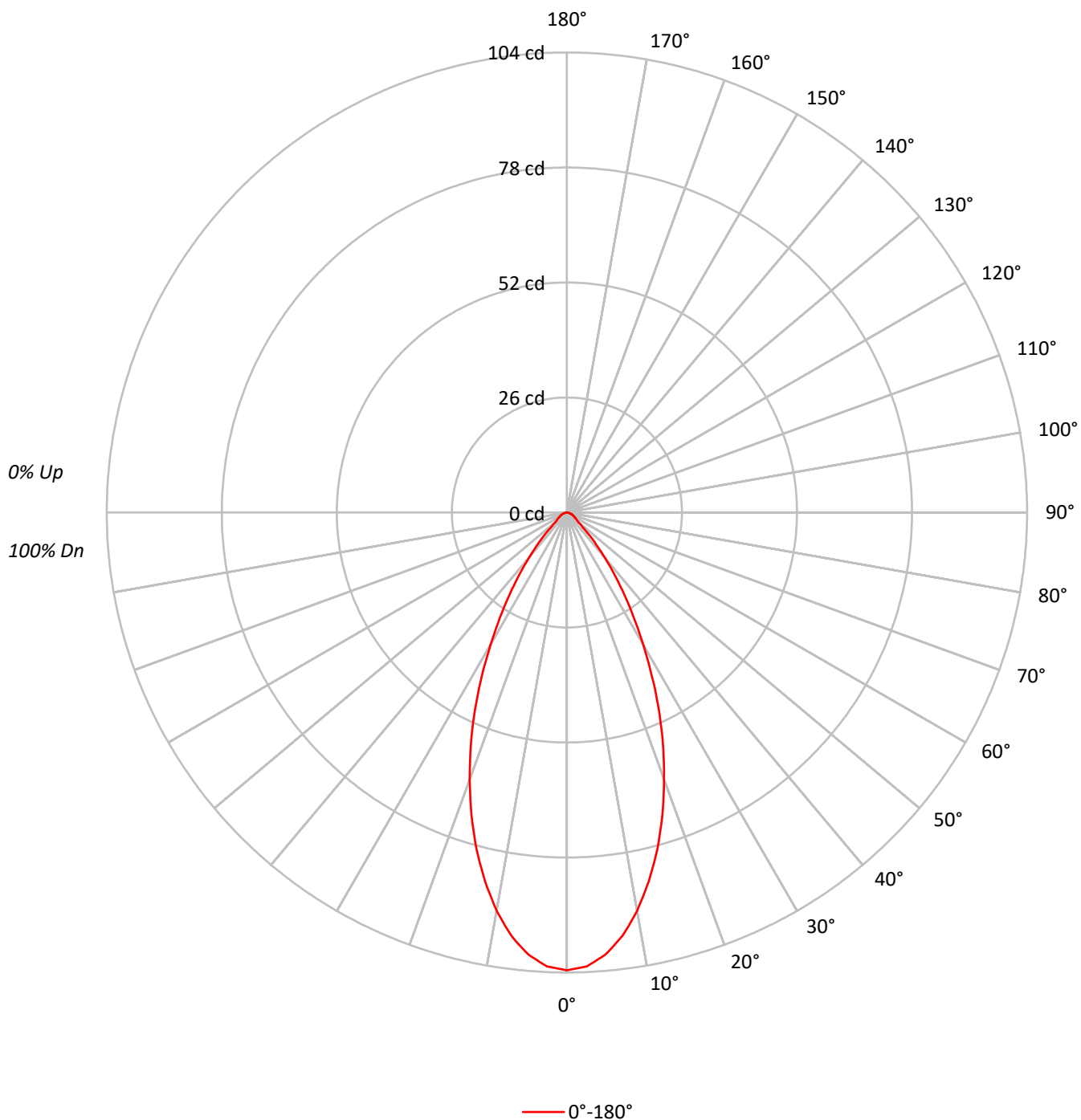
Lumens per Lamp: N/A
Luminaire Lumens: 78.0 lumens
Efficiency: N/A
Efficacy: 21.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		69
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	22696
5°	22078
10°	20351
15°	17912
20°	14981
25°	11880
30°	8710
35°	5996
40°	3807
45°	2140
50°	1160
55°	956
60°	833
65°	778
70°	705
75°	593
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2140 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.3	11.9
10°-20°	21.8	28.0
20°-30°	22.3	28.6
30°-40°	14.2	18.2
40°-50°	5.6	7.2
50°-60°	2.3	2.9
60°-70°	1.5	1.9
70°-80°	0.7	0.9
80°-90°	0.2	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°	53.5	68.6
0°-40°	67.6	86.7
0°-60°	75.6	96.9
0°-90°	78.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	78.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	104	
5°	100	9
15°	79	22
25°	49	22
35°	22	14
45°	7	6
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	103.5
2.5°	102.7
5°	100.3
7.5°	96.5
10°	91.4
12.5°	85.4
15°	78.9
17.5°	71.7
20°	64.2
22.5°	56.7
25°	49.1
27.5°	41.5
30°	34.4
32.5°	28.1
35°	22.4
37.5°	17.5
40°	13.3
42.5°	9.8
45°	6.9
47.5°	4.6
50°	3.4
52.5°	2.9
55°	2.5
57.5°	2.2
60°	1.9
62.5°	1.7
65°	1.5
67.5°	1.3
70°	1.1
72.5°	0.8
75°	0.7
77.5°	0.5
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)