

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: P1245803

Luminaire Tested: P3A02R509024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245803
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R509024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

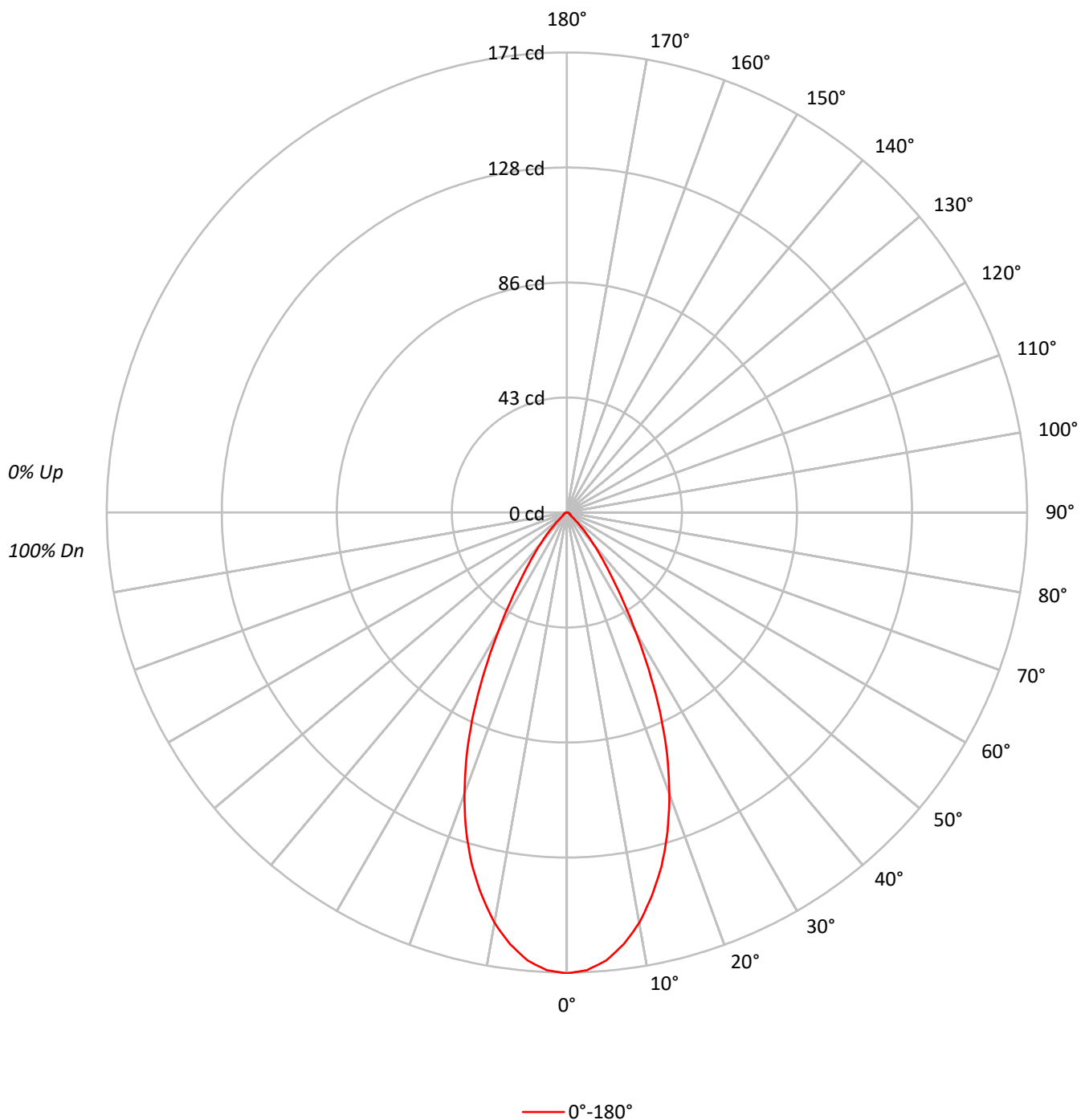
Lumens per Lamp: N/A
Luminaire Lumens: 117.9 lumens
Efficiency: N/A
Efficacy: 32.8 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1245803

CATALOG NUMBER: P3A02R509024DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1245803

CATALOG NUMBER: P3A02R509024DE010 E3DL1GPH

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	94		
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87		
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	85	83	82		
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	76		
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72		
6	89	80	75	71	88	80	74	70	78	73	70	77	73	69	76	72	69	68		
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64		
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60		
9	78	68	63	59	76	68	62	59	67	62	59	66	62	58	65	61	58	57		
10	74	65	59	56	73	65	59	56	64	59	56	63	59	55	62	58	55	54		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37563
5°	36804
10°	34491
15°	30874
20°	25972
25°	19816
30°	12888
35°	7629
40°	4408
45°	2202
50°	819
55°	650
60°	614
65°	519
70°	513
75°	508
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2202 cd/sqm

TEST NUMBER: P1245803

CATALOG NUMBER: P3A02R509024DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	13.2
10°-20°	37.6	31.9
20°-30°	36.9	31.3
30°-40°	18.6	15.8
40°-50°	5.9	5.0
50°-60°	1.5	1.3
60°-70°	1.1	0.9
70°-80°	0.6	0.5
80°-90°	0.2	0.2
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°	90.1	76.3
0°-40°	108.6	92.1
0°-60°	116.0	98.4
0°-90°	117.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	117.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	171	
5°	167	16
15°	136	38
25°	82	37
35°	28	19
45°	7	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1245803

CATALOG NUMBER: P3A02R509024DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	171.3
2.5°	170.3
5°	167.2
7.5°	161.8
10°	154.9
12.5°	145.9
15°	136.0
17.5°	124.4
20°	111.3
22.5°	97.2
25°	81.9
27.5°	65.8
30°	50.9
32.5°	38.3
35°	28.5
37.5°	21.1
40°	15.4
42.5°	10.9
45°	7.1
47.5°	4.1
50°	2.4
52.5°	1.8
55°	1.7
57.5°	1.5
60°	1.4
62.5°	1.3
65°	1.0
67.5°	0.9
70°	0.8
72.5°	0.7
75°	0.6
77.5°	0.5
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)