

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: P1261423

Luminaire Tested: P3AS02R209727DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261423
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209727DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

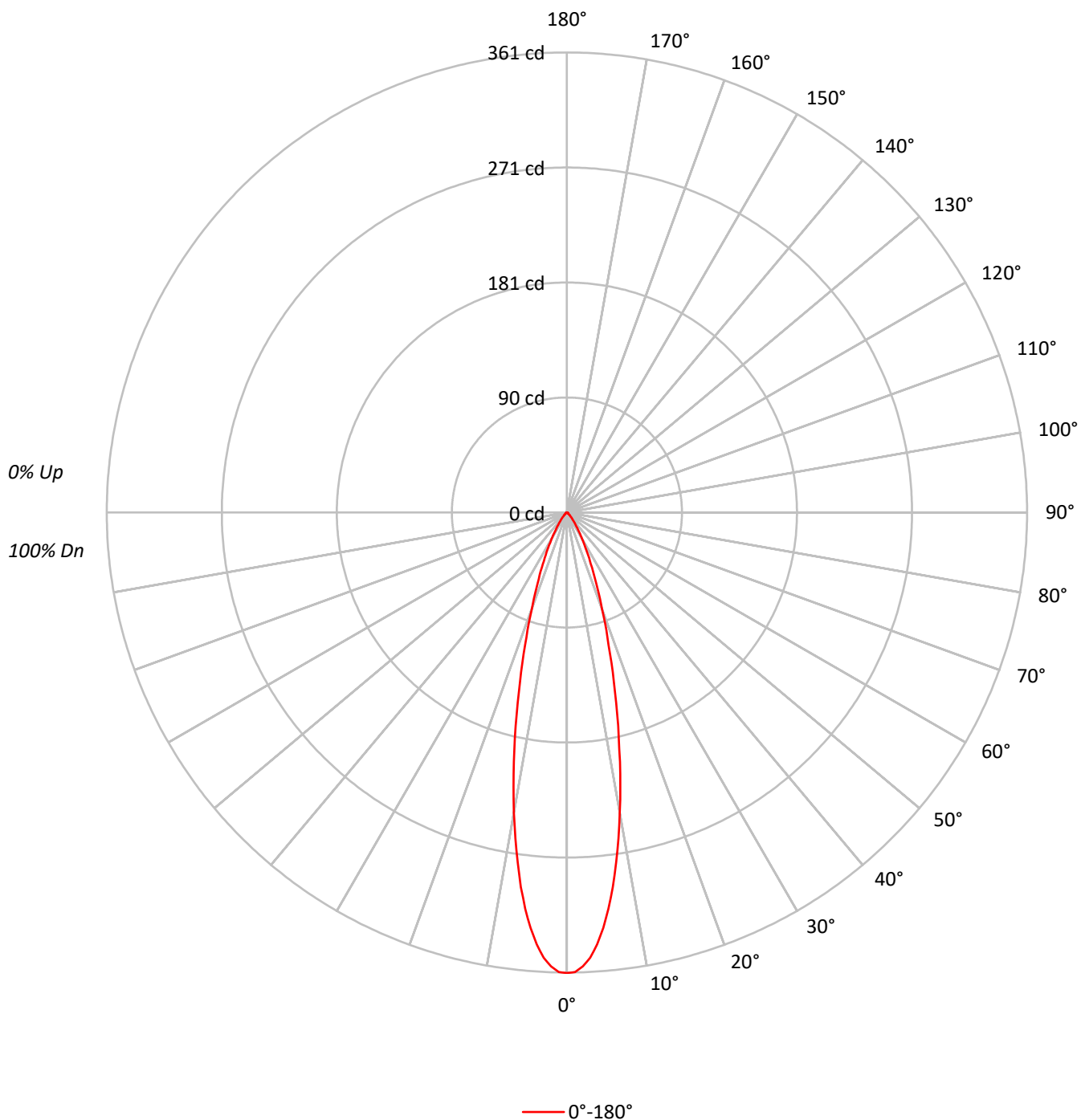
Lumens per Lamp: N/A
Luminaire Lumens: 103.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91		
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87		
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83		
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79		
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76		
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73		
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	71		
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68		
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	79248
5°	72045
10°	53239
15°	32940
20°	18808
25°	10743
30°	6026
35°	3266
40°	1803
45°	992
50°	580
55°	421
60°	395
65°	363
70°	321
75°	339
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 992 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.3	27.5
10°-20°	40.5	39.3
20°-30°	21.1	20.5
30°-40°	8.2	7.9
40°-50°	2.7	2.6
50°-60°	1.0	1.0
60°-70°	0.7	0.7
70°-80°	0.4	0.4
80°-90°	0.1	0.1
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°	89.9	87.3
0°-40°	98.1	95.2
0°-60°	101.8	98.8
0°-90°	103.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	103.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	361	
5°	327	28
15°	145	40
25°	44	21
35°	12	8
45°	3	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	361.4
1°	360.7
2°	356.4
3°	349.9
4°	339.7
5°	327.3
6°	312.5
7°	296.2
8°	277.3
9°	258.9
10°	239.1
12.5°	190.1
15°	145.1
17.5°	108.6
20°	80.6
22.5°	59.7
25°	44.4
27.5°	32.7
30°	23.8
32.5°	17.2
35°	12.2
37.5°	8.9
40°	6.3
42.5°	4.5
45°	3.2
47.5°	2.3
50°	1.7
52.5°	1.3
55°	1.1
57.5°	1.0
60°	0.9
62.5°	0.8
65°	0.7
67.5°	0.6
70°	0.5
72.5°	0.5
75°	0.4
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.1
90°	0.0

(END OF REPORT)