

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: P1248293

Luminaire Tested: P3AS02R709027DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248293
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709027DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

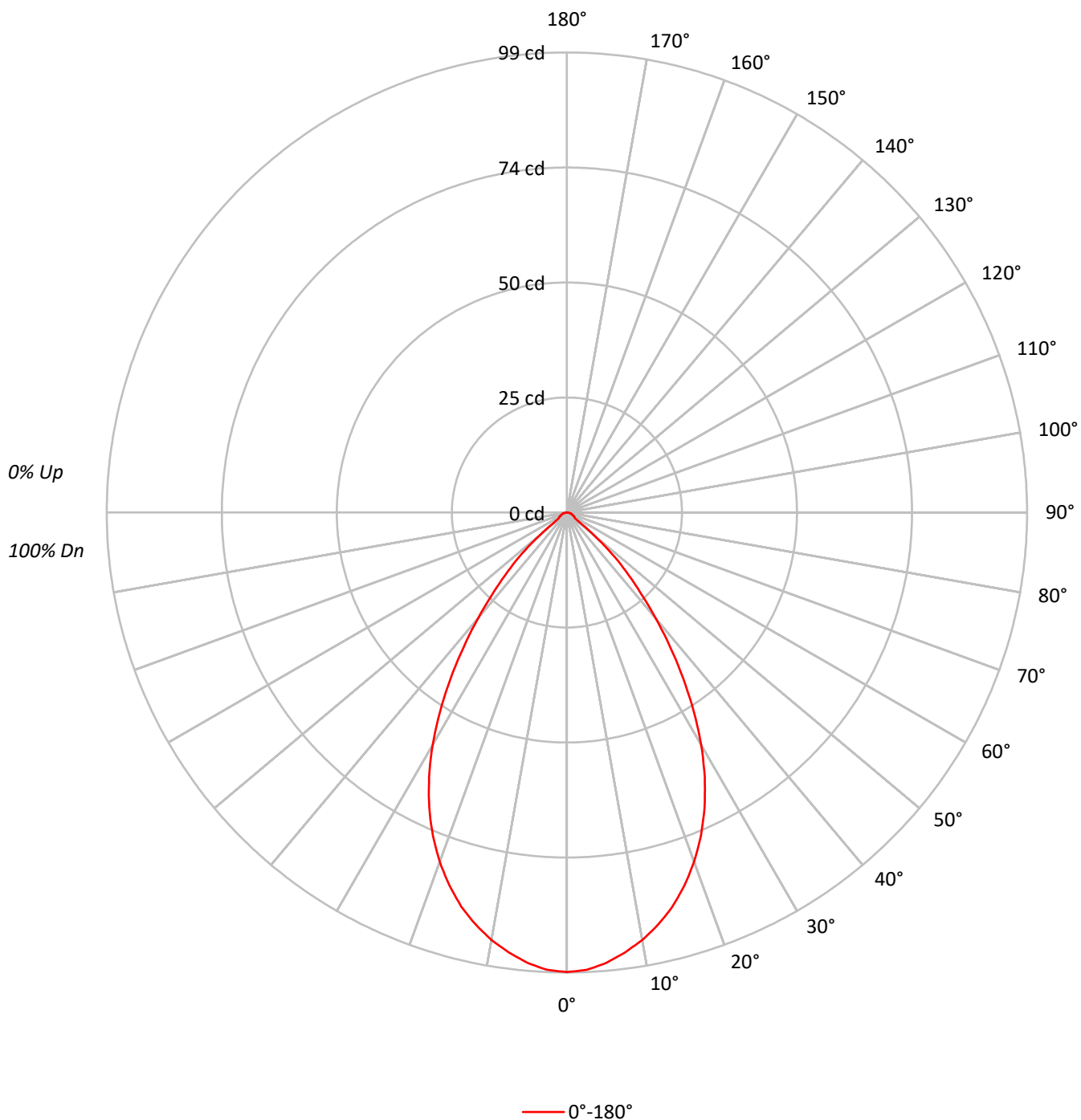
Lumens per Lamp: N/A
Luminaire Lumens: 112.0 lumens
Efficiency: N/A
Efficacy: 31.1 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	21687
5°	21418
10°	20797
15°	19932
20°	18668
25°	16961
30°	14635
35°	11671
40°	8502
45°	5582
50°	2627
55°	803
60°	789
65°	726
70°	705
75°	763
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.2	8.2
10°-20°	24.6	21.9
20°-30°	31.9	28.5
30°-40°	27.1	24.2
40°-50°	14.0	12.5
50°-60°	2.7	2.4
60°-70°	1.4	1.3
70°-80°	0.9	0.8
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°	65.7	58.6
0°-40°	92.7	82.8
0°-60°	109.4	97.7
0°-90°	112.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	112.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	99	
5°	97	9
15°	88	25
25°	70	32
35°	44	27
45°	18	14
55°	2	3
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	98.9
2.5°	98.5
5°	97.3
7.5°	95.5
10°	93.4
12.5°	90.8
15°	87.8
17.5°	84.1
20°	80.0
22.5°	75.3
25°	70.1
27.5°	64.2
30°	57.8
32.5°	50.8
35°	43.6
37.5°	36.5
40°	29.7
42.5°	23.4
45°	18.0
47.5°	13.2
50°	7.7
52.5°	3.3
55°	2.1
57.5°	2.0
60°	1.8
62.5°	1.7
65°	1.4
67.5°	1.3
70°	1.1
72.5°	1.0
75°	0.9
77.5°	0.7
80°	0.6
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)