

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: P1270893

Luminaire Tested: P3AS02R259827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270893
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

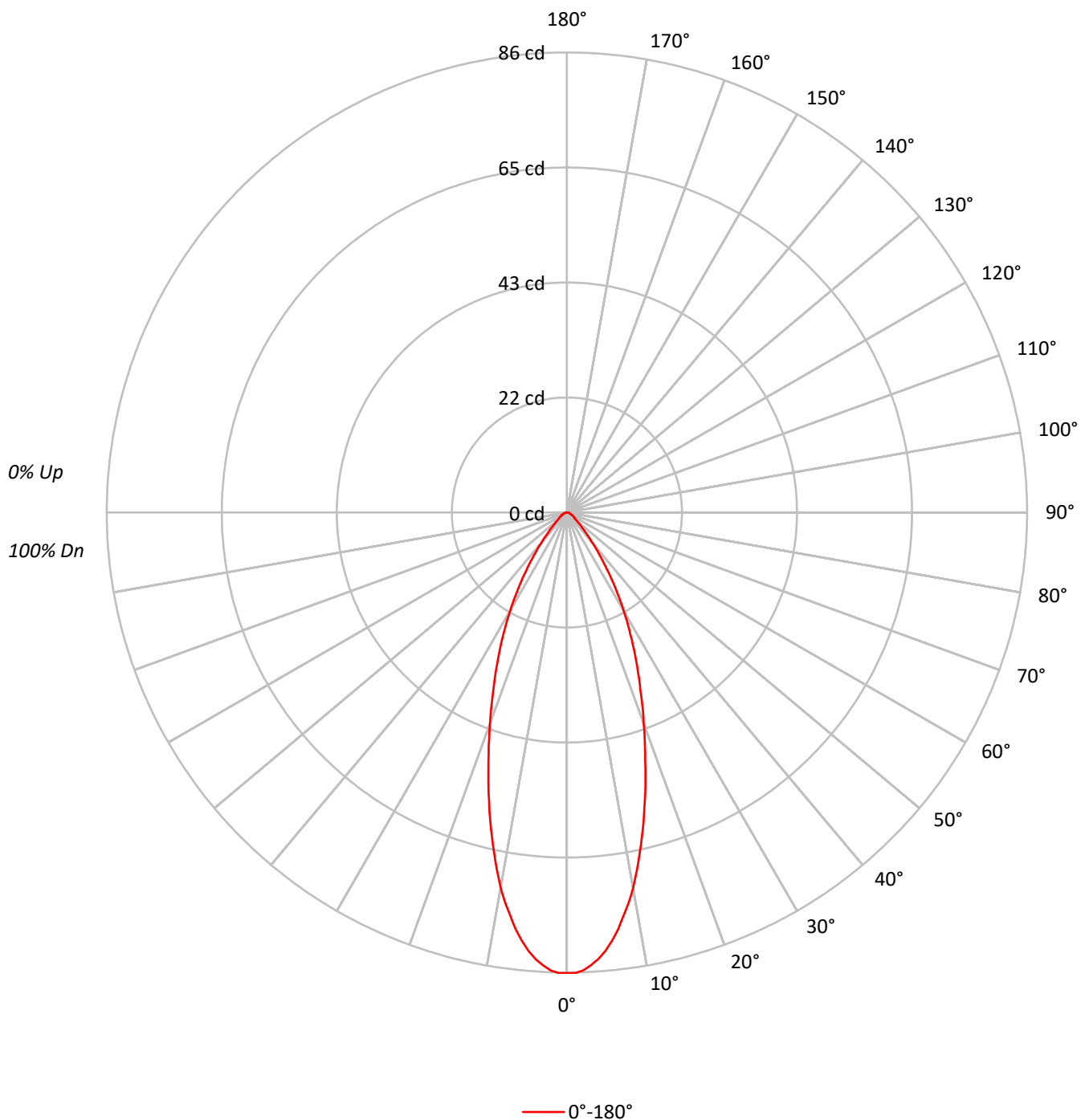
Lumens per Lamp: N/A
Luminaire Lumens: 52.0 lumens
Efficiency: N/A
Efficacy: 14.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	90	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		64	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		61	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	18880
5°	18116
10°	15876
15°	12758
20°	9801
25°	7404
30°	5368
35°	3560
40°	2147
45°	1271
50°	819
55°	650
60°	570
65°	519
70°	385
75°	424
80°	253
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1271 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.5	14.4
10°-20°	15.5	29.9
20°-30°	14.0	27.0
30°-40°	8.4	16.2
40°-50°	3.4	6.5
50°-60°	1.6	3.0
60°-70°	1.0	1.8
70°-80°	0.5	1.0
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°	37.1	71.2
0°-40°	45.5	87.4
0°-60°	50.4	96.9
0°-90°	52.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	52.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	86	
5°	82	7
15°	56	16
25°	31	14
35°	13	8
45°	4	3
55°	2	2
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	86.1
1°	86.1
2°	85.7
3°	84.8
4°	83.7
5°	82.3
6°	80.5
7°	78.5
8°	76.1
9°	73.8
10°	71.3
11°	68.3
12°	65.3
13°	62.3
14°	59.3
15°	56.2
17.5°	48.7
20°	42.0
22.5°	35.9
25°	30.6
27.5°	25.7
30°	21.2
32.5°	17.0
35°	13.3
37.5°	10.1
40°	7.5
42.5°	5.5
45°	4.1
47.5°	3.1
50°	2.4
52.5°	1.9
55°	1.7
57.5°	1.5
60°	1.3
62.5°	1.1
65°	1.0
67.5°	0.8
70°	0.6
72.5°	0.6
75°	0.5
77.5°	0.4
80°	0.2
82.5°	0.2
85°	0.2
87.5°	0.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)