

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: P1272868

Luminaire Tested: P3AS20R709827D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272868
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: P3AS20R709827D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

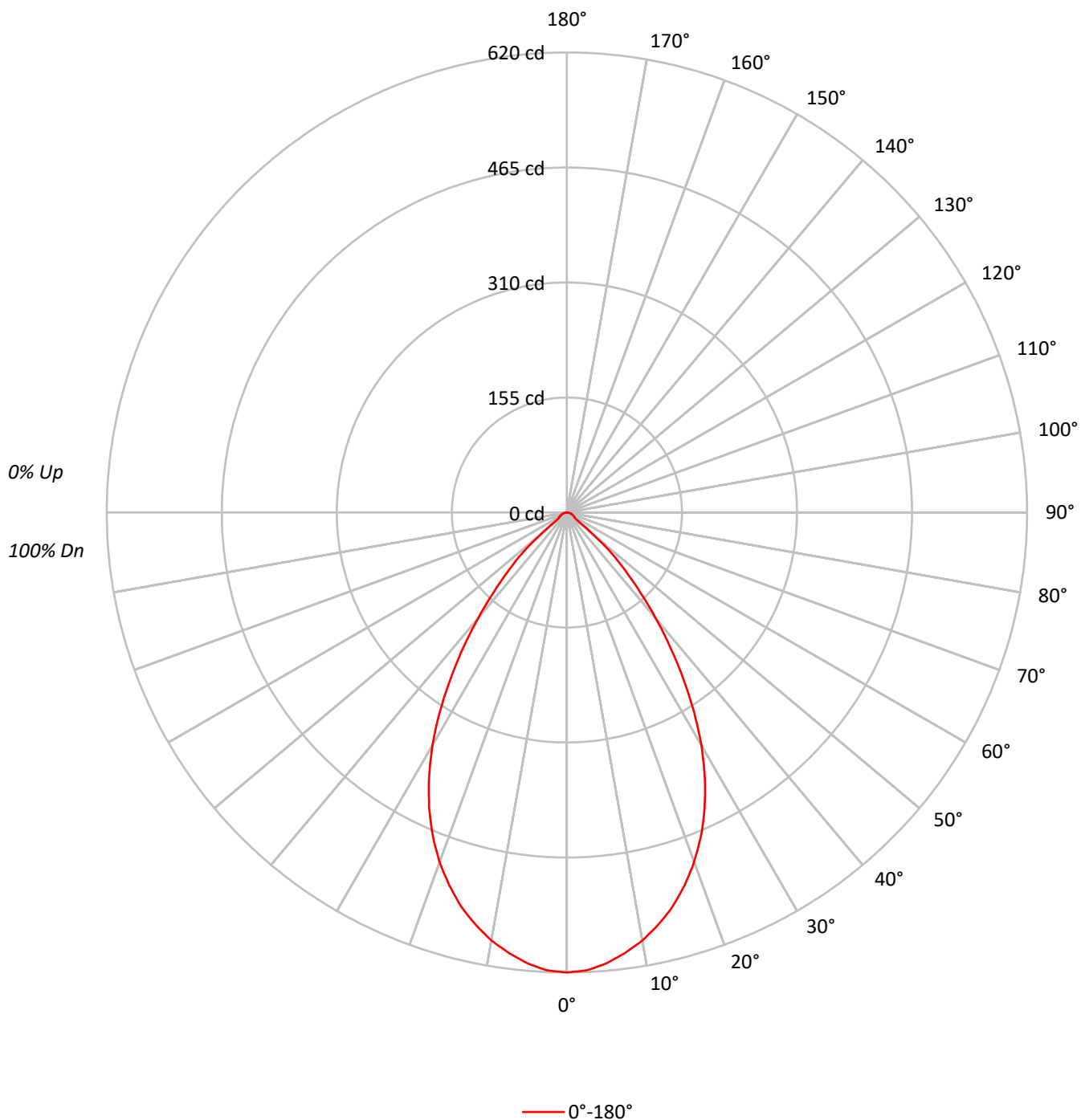
Lumens per Lamp: N/A
Luminaire Lumens: 702.1 lumens
Efficiency: N/A
Efficacy: 25.6 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	92	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°	135910
5°	134272
10°	130392
15°	124859
20°	116957
25°	106264
30°	91786
35°	73160
40°	53271
45°	35011
50°	16409
55°	5046
60°	4912
65°	4722
70°	4488
75°	4745
80°	4420
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35011 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.4	8.2
10°-20°	153.9	21.9
20°-30°	200.1	28.5
30°-40°	169.8	24.2
40°-50°	87.5	12.5
50°-60°	16.9	2.4
60°-70°	9.2	1.3
70°-80°	5.6	0.8
80°-90°	1.6	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°	411.5	58.6
0°-40°	581.2	82.8
0°-60°	685.6	97.7
0°-90°	702.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	702.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	620	
5°	610	57
15°	550	154
25°	439	200
35°	273	170
45°	113	88
55°	13	17
65°	9	9
75°	6	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	619.8
2.5°	617.7
5°	610.0
7.5°	598.8
10°	585.6
12.5°	568.9
15°	550.0
17.5°	527.0
20°	501.2
22.5°	472.0
25°	439.2
27.5°	402.3
30°	362.5
32.5°	318.6
35°	273.3
37.5°	228.7
40°	186.1
42.5°	146.4
45°	112.9
47.5°	83.0
50°	48.1
52.5°	20.9
55°	13.2
57.5°	12.5
60°	11.2
62.5°	10.5
65°	9.1
67.5°	8.4
70°	7.0
72.5°	6.3
75°	5.6
77.5°	4.2
80°	3.5
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)