

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: P1271143

Luminaire Tested: P3AS02R709827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271143
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: P3AS02R709827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

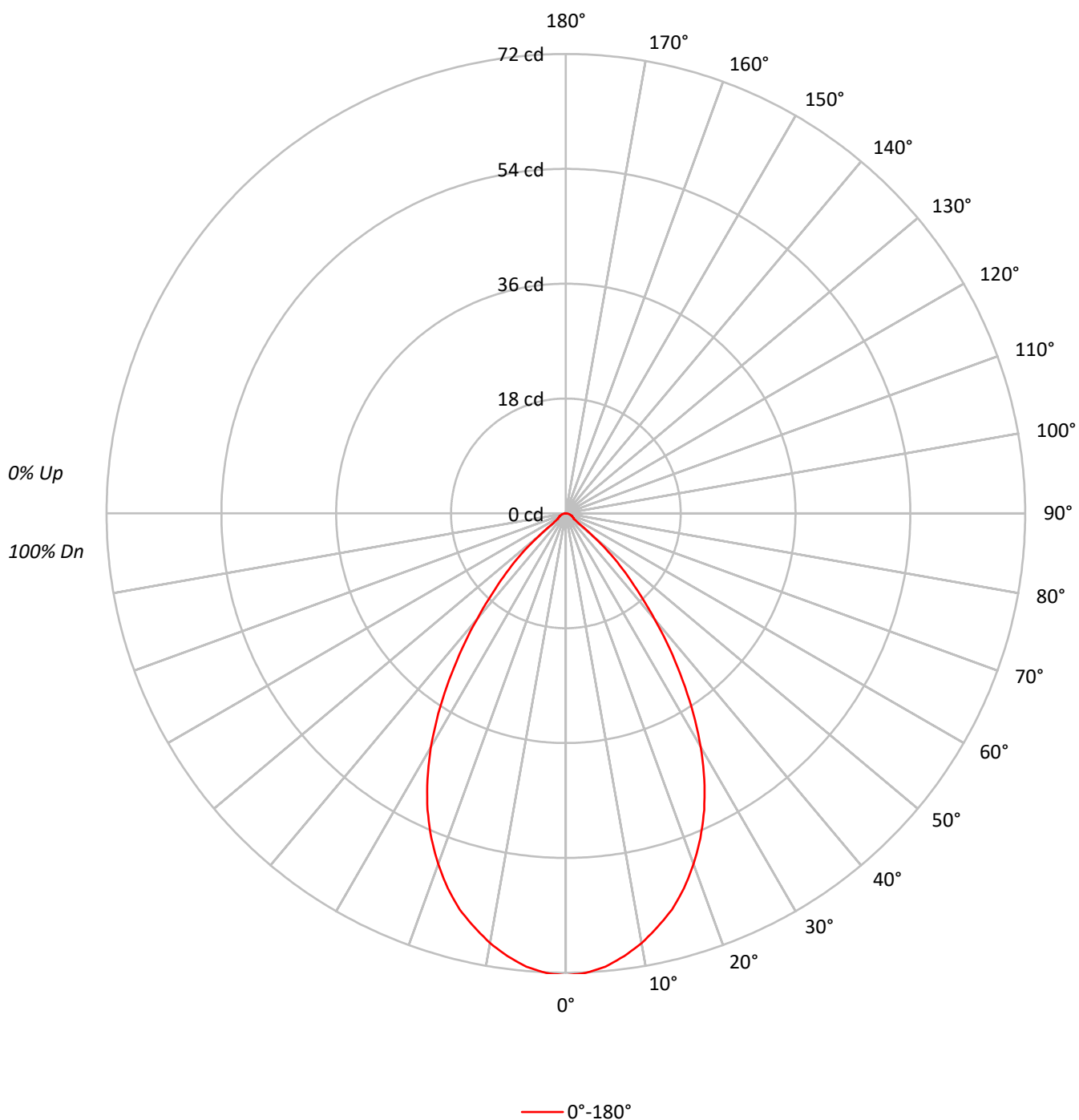
Lumens per Lamp: N/A
Luminaire Lumens: 82.0 lumens
Efficiency: N/A
Efficacy: 22.8 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92		
2	106	101	96	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84		
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77		
4	94	86	80	75	93	85	79	75	83	78	74	81	76	73	79	75	72	70		
5	89	80	73	69	87	79	73	68	77	72	68	75	71	67	74	70	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	53	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	50	46	66	56	50	46	55	50	46	55	49	46	54	49	46	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	15876
5°	15694
10°	15230
15°	14597
20°	13651
25°	12412
30°	10711
35°	8539
40°	6212
45°	4093
50°	1910
55°	573
60°	570
65°	571
70°	513
75°	593
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4093 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.7	8.2
10°-20°	18.0	21.9
20°-30°	23.4	28.5
30°-40°	19.8	24.2
40°-50°	10.2	12.5
50°-60°	2.0	2.4
60°-70°	1.1	1.3
70°-80°	0.7	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°	48.1	58.6
0°-40°	67.9	82.8
0°-60°	80.1	97.6
0°-90°	82.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	82.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	72	
5°	71	7
15°	64	18
25°	51	23
35°	32	20
45°	13	10
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	72.4
2.5°	72.1
5°	71.3
7.5°	70.0
10°	68.4
12.5°	66.4
15°	64.3
17.5°	61.6
20°	58.5
22.5°	55.1
25°	51.3
27.5°	47.0
30°	42.3
32.5°	37.2
35°	31.9
37.5°	26.7
40°	21.7
42.5°	17.1
45°	13.2
47.5°	9.7
50°	5.6
52.5°	2.4
55°	1.5
57.5°	1.5
60°	1.3
62.5°	1.2
65°	1.1
67.5°	1.0
70°	0.8
72.5°	0.7
75°	0.7
77.5°	0.5
80°	0.4
82.5°	0.2
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)