

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: P1258905

Luminaire Tested: P3AS02R409050DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258905
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R409050DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

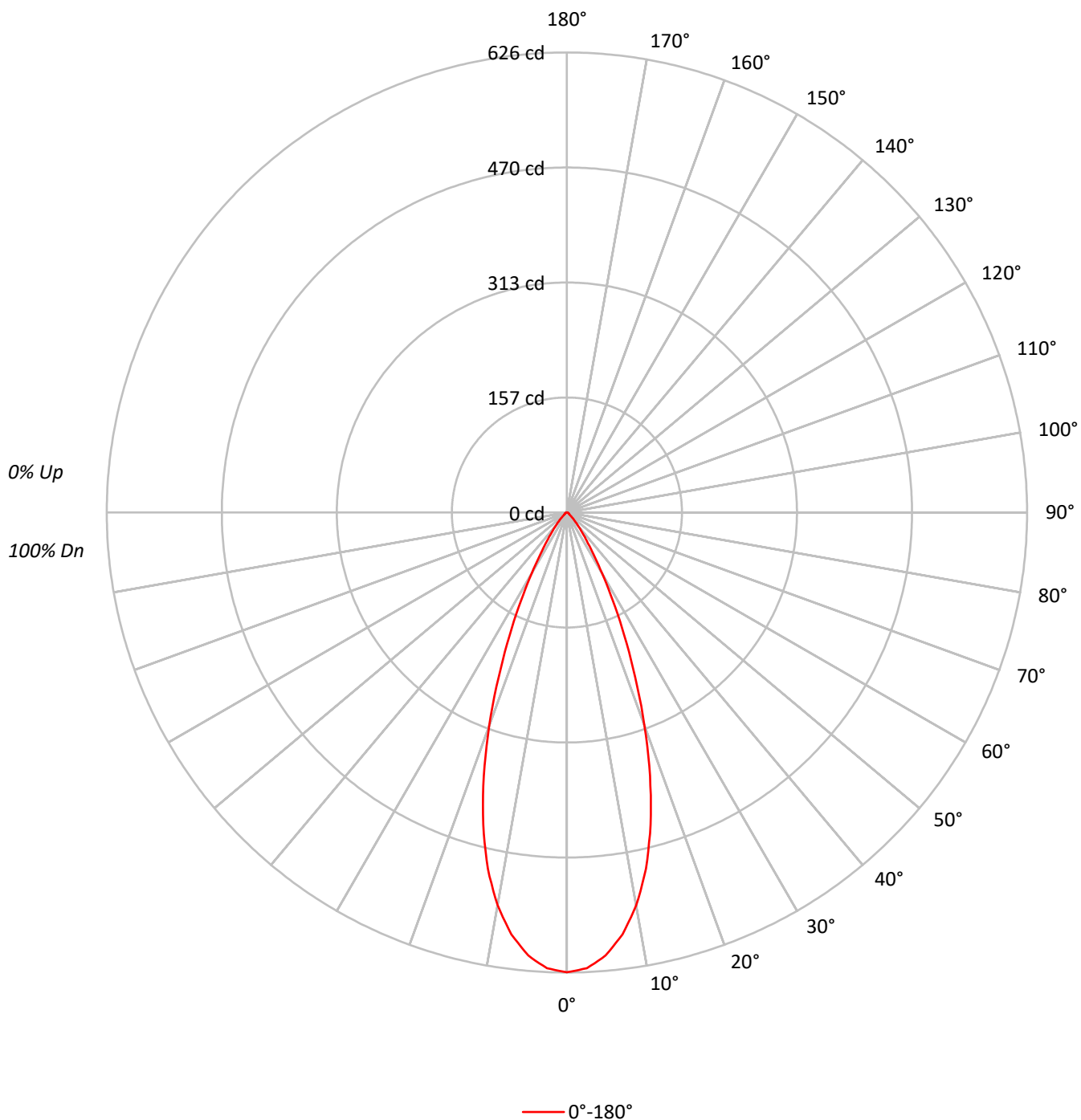
Lumens per Lamp: N/A
Luminaire Lumens: 310.0 lumens
Efficiency: N/A
Efficacy: 86.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0			
RCR																								
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100						
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94						
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89						
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84						
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80						
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76						
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72						
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69						
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65						
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63						
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137182
5°	133194
10°	120862
15°	99842
20°	72036
25°	44543
30°	24130
35°	12474
40°	6784
45°	3783
50°	1910
55°	1415
60°	1272
65°	1245
70°	1218
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3783 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.8	18.0
10°-20°	119.8	38.6
20°-30°	85.5	27.6
30°-40°	31.5	10.2
40°-50°	9.9	3.2
50°-60°	3.4	1.1
60°-70°	2.4	0.8
70°-80°	1.4	0.5
80°-90°	0.4	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°	261.0	84.2
0°-40°	292.5	94.3
0°-60°	305.8	98.6
0°-90°	310.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	310.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	626	
5°	605	56
15°	440	120
25°	184	85
35°	47	31
45°	12	10
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	625.6
2.5°	620.8
5°	605.1
7.5°	579.0
10°	542.8
12.5°	496.8
15°	439.8
17.5°	376.0
20°	308.7
22.5°	242.4
25°	184.1
27.5°	135.2
30°	95.3
32.5°	66.8
35°	46.6
37.5°	33.0
40°	23.7
42.5°	17.0
45°	12.2
47.5°	8.2
50°	5.6
52.5°	4.0
55°	3.7
57.5°	3.5
60°	2.9
62.5°	2.7
65°	2.4
67.5°	2.1
70°	1.9
72.5°	1.6
75°	1.3
77.5°	1.1
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)