

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: P1259632

Luminaire Tested: P3AS09R409050DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259632
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409050DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 5000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

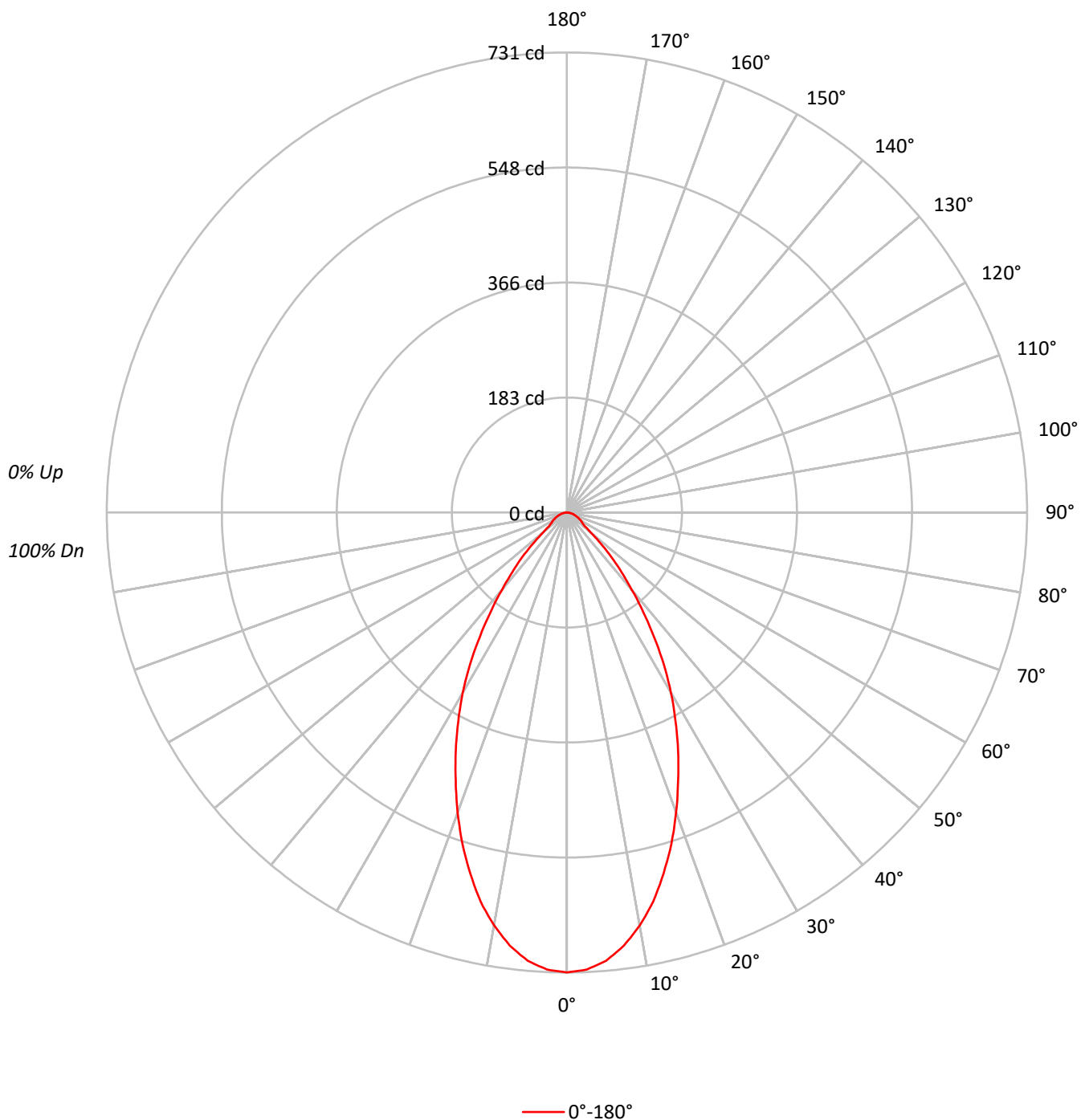
Lumens per Lamp: N/A
Luminaire Lumens: 714.1 lumens
Efficiency: N/A
Efficacy: 64.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	160272
5°	157385
10°	148338
15°	134734
20°	118380
25°	101086
30°	83734
35°	64567
40°	45972
45°	30980
50°	16886
55°	11928
60°	11227
65°	10377
70°	9232
75°	8811
80°	7072
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30980 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.7	9.3
10°-20°	165.3	23.2
20°-30°	191.1	26.8
30°-40°	150.6	21.1
40°-50°	77.3	10.8
50°-60°	29.6	4.1
60°-70°	19.6	2.7
70°-80°	10.7	1.5
80°-90°	3.2	0.4
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°	423.2	59.3
0°-40°	573.8	80.4
0°-60°	680.7	95.3
0°-90°	714.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	714.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	731	
5°	715	67
15°	594	165
25°	418	191
35°	241	151
45°	100	77
55°	31	30
65°	20	20
75°	10	11
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	730.9
2.5°	726.9
5°	715.0
7.5°	694.2
10°	666.2
12.5°	633.5
15°	593.5
17.5°	552.0
20°	507.3
22.5°	461.7
25°	417.8
27.5°	373.9
30°	330.7
32.5°	286.8
35°	241.2
37.5°	198.9
40°	160.6
42.5°	127.8
45°	99.9
47.5°	72.7
50°	49.5
52.5°	35.9
55°	31.2
57.5°	28.0
60°	25.6
62.5°	22.4
65°	20.0
67.5°	16.8
70°	14.4
72.5°	12.0
75°	10.4
77.5°	8.0
80°	5.6
82.5°	4.8
85°	2.4
87.5°	1.6
90°	0.0

(END OF REPORT)