

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: P1249321

Luminaire Tested: P3AS13R409027DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249321
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: P3AS13R409027DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

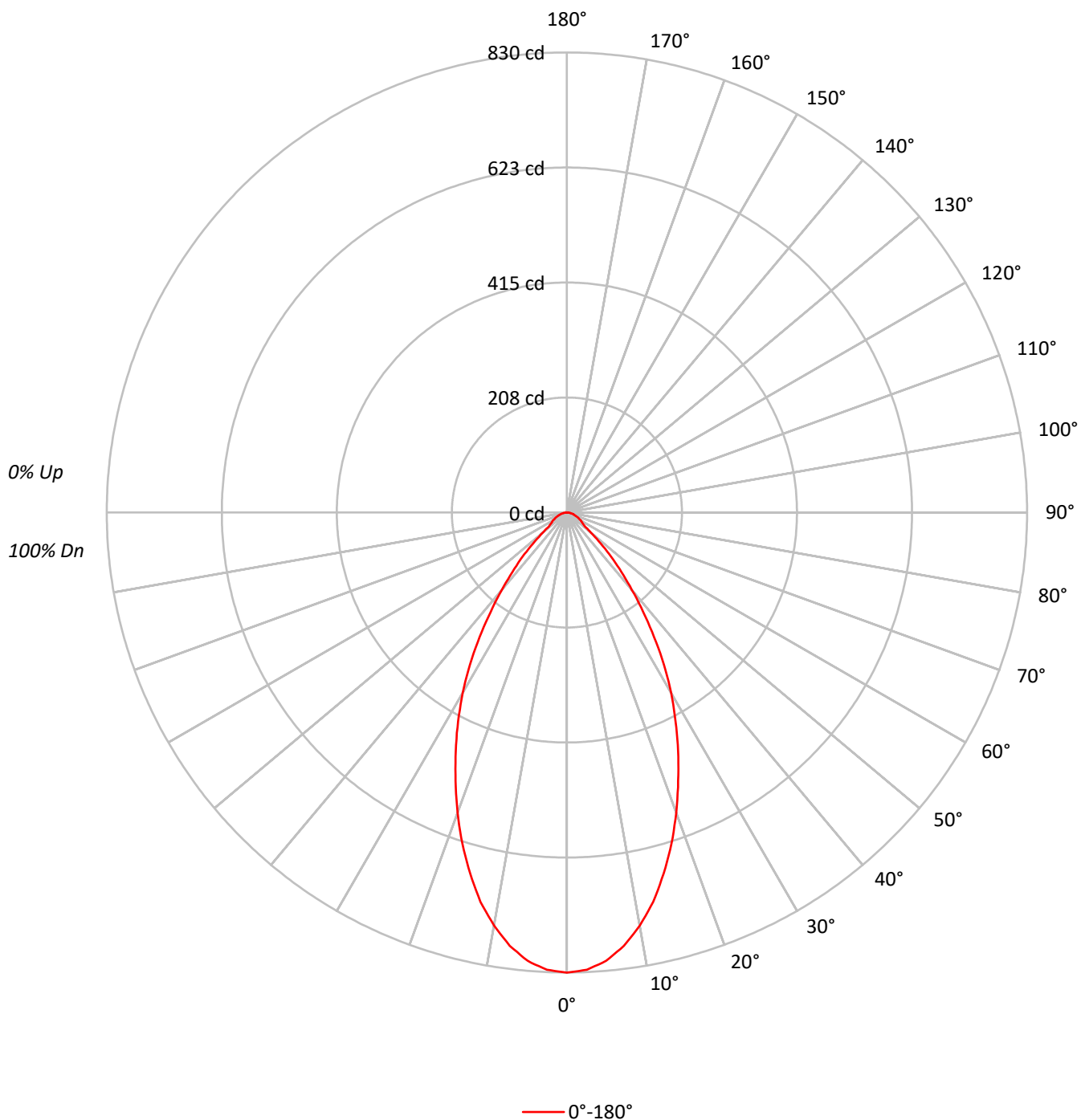
Lumens per Lamp: N/A
Luminaire Lumens: 811.0 lumens
Efficiency: N/A
Efficacy: 55.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	182047
5°	178758
10°	168489
15°	153054
20°	134458
25°	114805
30°	95103
35°	73348
40°	52212
45°	35166
50°	19206
55°	13534
60°	12718
65°	11778
70°	10450
75°	9997
80°	8082
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35166 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.7	9.3
10°-20°	187.8	23.2
20°-30°	217.1	26.8
30°-40°	171.1	21.1
40°-50°	87.8	10.8
50°-60°	33.6	4.1
60°-70°	22.2	2.7
70°-80°	12.1	1.5
80°-90°	3.6	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°	480.6	59.3
0°-40°	651.7	80.4
0°-60°	773.1	95.3
0°-90°	811.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	811.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	830	
5°	812	76
15°	674	188
25°	474	217
35°	274	171
45°	113	88
55°	35	34
65°	23	22
75°	12	12
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	830.2
2.5°	825.7
5°	812.1
7.5°	788.5
10°	756.7
12.5°	719.5
15°	674.2
17.5°	627.0
20°	576.2
22.5°	524.4
25°	474.5
27.5°	424.6
30°	375.6
32.5°	325.7
35°	274.0
37.5°	225.9
40°	182.4
42.5°	145.2
45°	113.4
47.5°	82.6
50°	56.3
52.5°	40.8
55°	35.4
57.5°	31.8
60°	29.0
62.5°	25.4
65°	22.7
67.5°	19.1
70°	16.3
72.5°	13.6
75°	11.8
77.5°	9.1
80°	6.4
82.5°	5.4
85°	2.7
87.5°	1.8
90°	0.0

(END OF REPORT)