

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: P1252053

Luminaire Tested: P3AS13R459030DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252053
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R459030DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

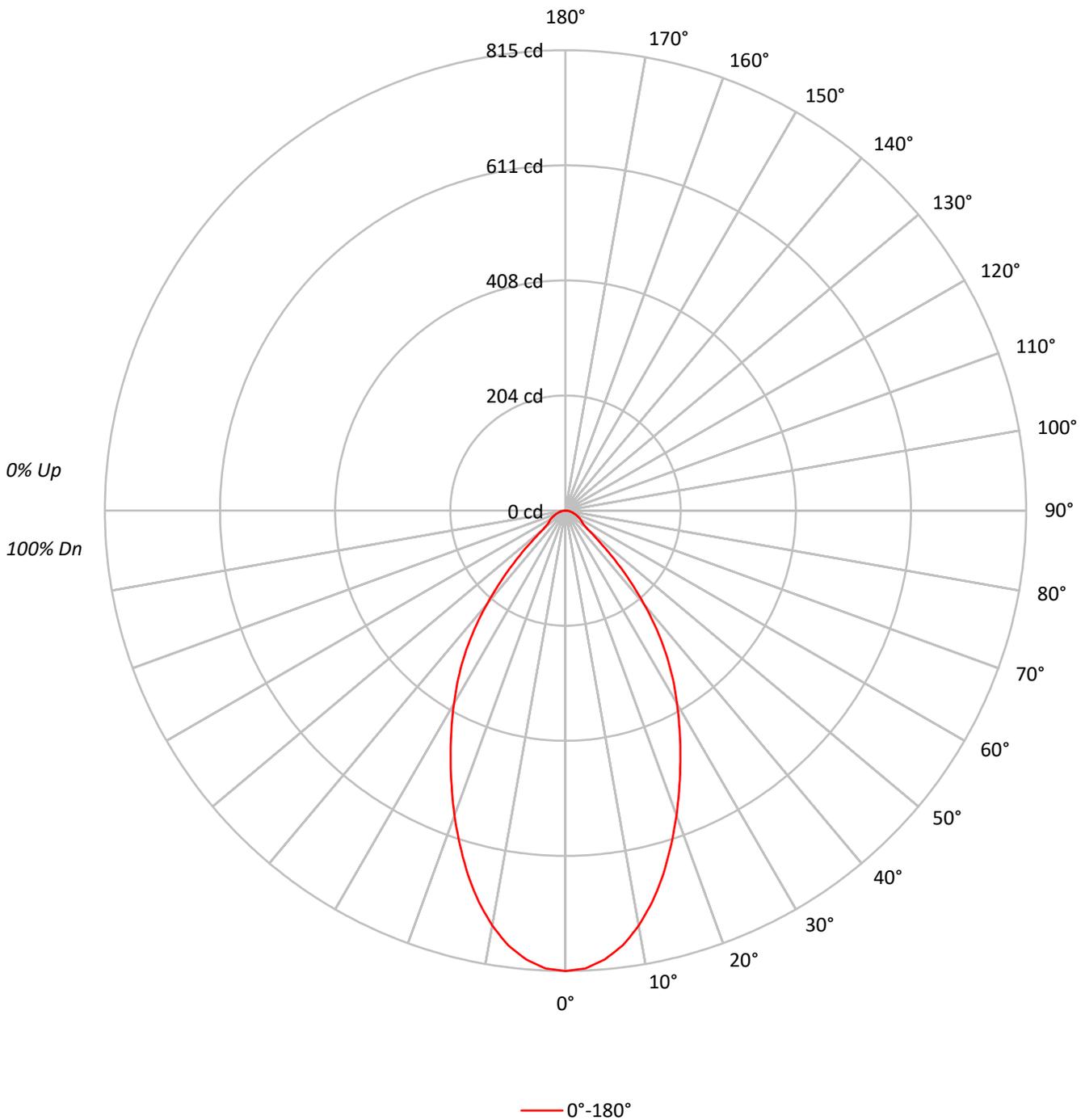
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 842.9 lumens
Efficiency: N/A
Efficacy: 57.7 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
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				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				100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	178736
5°	175566
10°	166129
15°	151511
20°	133992
25°	116353
30°	99863
35°	83226
40°	62002
45°	37957
50°	17569
55°	13725
60°	13201
65°	12089
70°	11220
75°	10675
80°	9850
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 37957 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.5	8.8
10°-20°	185.8	22.0
20°-30°	220.8	26.2
30°-40°	191.8	22.8
40°-50°	96.2	11.4
50°-60°	33.4	4.0
60°-70°	23.4	2.8
70°-80°	13.1	1.6
80°-90°	3.9	0.5
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°	481.1	57.1
0°-40°	672.9	79.8
0°-60°	802.5	95.2
0°-90°	842.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	842.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	815	
5°	798	75
15°	667	186
25°	481	221
35°	311	192
45°	122	96
55°	36	33
65°	23	23
75°	13	13
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	815.1
2.5°	811.2
5°	797.6
7.5°	776.2
10°	746.1
12.5°	709.2
15°	667.4
17.5°	620.8
20°	574.2
22.5°	526.6
25°	480.9
27.5°	437.2
30°	394.4
32.5°	353.6
35°	310.9
37.5°	265.2
40°	216.6
42.5°	169.0
45°	122.4
47.5°	80.6
50°	51.5
52.5°	39.8
55°	35.9
57.5°	33.0
60°	30.1
62.5°	27.2
65°	23.3
67.5°	20.4
70°	17.5
72.5°	14.6
75°	12.6
77.5°	9.7
80°	7.8
82.5°	5.8
85°	2.9
87.5°	1.9
90°	0.0

(END OF REPORT)