

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: P1287164

Luminaire Tested: P3AS13R359030D2WDE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287164
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359030D2WDE010 E3DLD1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

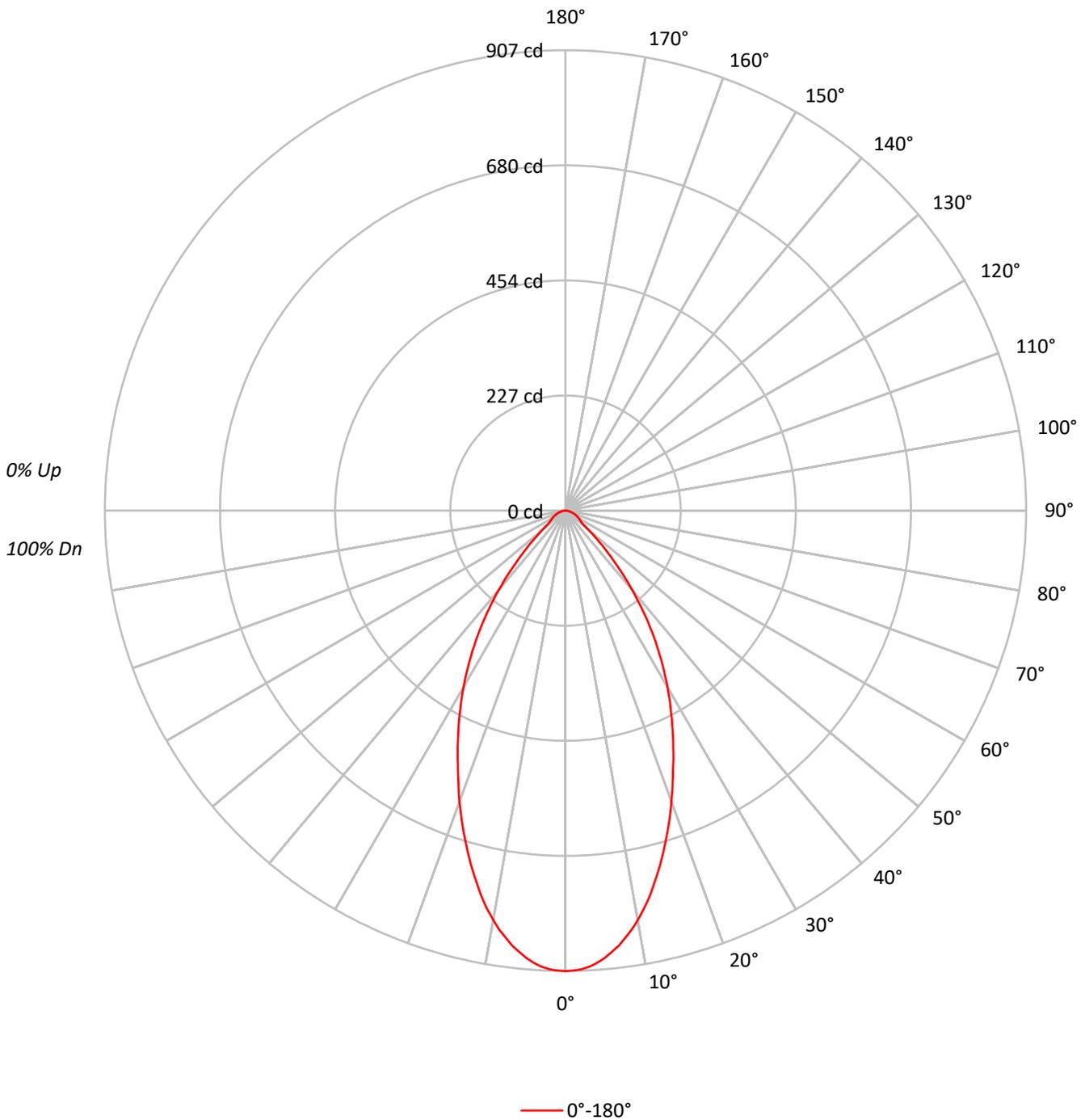
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 871.0 lumens
Efficiency: N/A
Efficacy: 43.3 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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				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	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	198953
5°	194739
10°	182384
15°	163701
20°	142416
25°	121362
30°	101661
35°	80950
40°	58538
45°	37058
50°	20195
55°	13992
60°	13201
65°	12297
70°	11733
75°	9997
80°	9471
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 37058 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.3	9.5
10°-20°	200.7	23.0
20°-30°	230.0	26.4
30°-40°	187.7	21.5
40°-50°	94.6	10.9
50°-60°	35.2	4.0
60°-70°	23.6	2.7
70°-80°	13.0	1.5
80°-90°	4.0	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°	513.0	58.9
0°-40°	700.7	80.4
0°-60°	830.5	95.3
0°-90°	871.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	871.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	907	
5°	885	82
15°	721	201
25°	502	230
35°	302	188
45°	120	95
55°	37	35
65°	24	24
75°	12	13
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	907.3
1°	906.3
2°	904.1
3°	899.8
4°	893.3
5°	884.7
6°	874.0
7°	863.2
8°	849.2
9°	835.2
10°	819.1
11°	801.9
12°	783.6
13°	763.1
14°	741.6
15°	721.1
17.5°	666.2
20°	610.3
22.5°	553.2
25°	501.6
27.5°	451.0
30°	401.5
32.5°	352.0
35°	302.4
37.5°	252.9
40°	204.5
42.5°	159.3
45°	119.5
47.5°	86.1
50°	59.2
52.5°	43.1
55°	36.6
57.5°	33.4
60°	30.1
62.5°	26.9
65°	23.7
67.5°	20.5
70°	18.3
72.5°	15.1
75°	11.8
77.5°	9.7
80°	7.5
82.5°	5.4
85°	3.2
87.5°	2.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)