

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: P1274055

Luminaire Tested: P3A13R359830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274055
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: P3A13R359830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

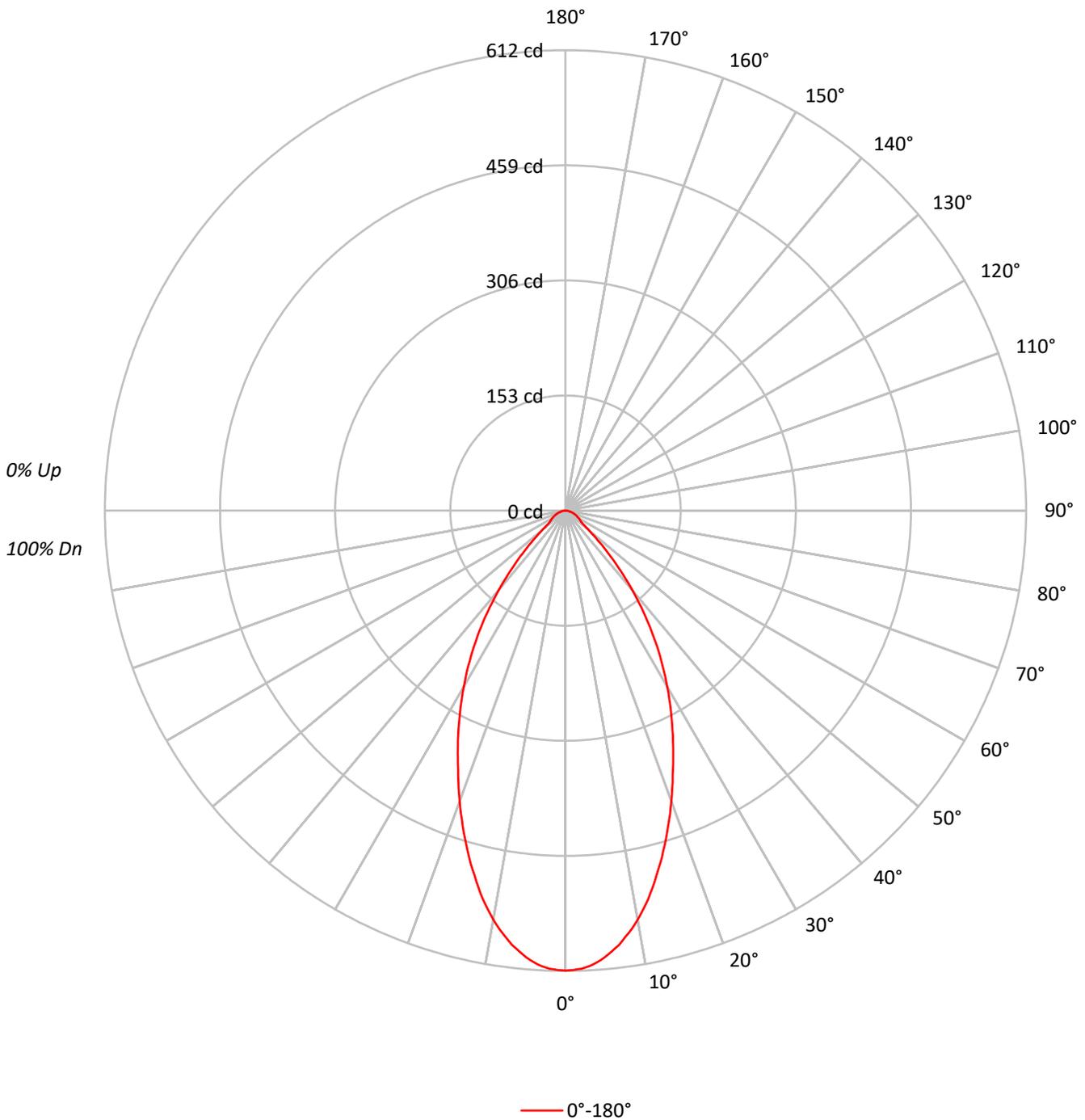
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 587.0 lumens
Efficiency: N/A
Efficacy: 40.5 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): 14.5
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	100	100	100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91	91	91	91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83	83	83	83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76	76	76	76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69	69	69	69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64	64	64	64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59	59	59	59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55	55	55	55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51	51	51	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48	48	48	48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44	44	44	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	134090
5°	131257
10°	122910
15°	110330
20°	95978
25°	81779
30°	68517
35°	54556
40°	39445
45°	24964
50°	13611
55°	9443
60°	8903
65°	8302
70°	7886
75°	6778
80°	6440
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 24964 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.5	9.5
10°-20°	135.2	23.0
20°-30°	155.0	26.4
30°-40°	126.5	21.5
40°-50°	63.8	10.9
50°-60°	23.7	4.0
60°-70°	15.9	2.7
70°-80°	8.8	1.5
80°-90°	2.7	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°	345.7	58.9
0°-40°	472.2	80.4
0°-60°	559.7	95.3
0°-90°	587.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	587.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	612	
5°	596	55
15°	486	135
25°	338	155
35°	204	126
45°	80	64
55°	25	24
65°	16	16
75°	8	9
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	611.5
1°	610.8
2°	609.3
3°	606.4
4°	602.1
5°	596.3
6°	589.0
7°	581.8
8°	572.3
9°	562.9
10°	552.0
11°	540.4
12°	528.1
13°	514.3
14°	499.8
15°	486.0
17.5°	449.0
20°	411.3
22.5°	372.8
25°	338.0
27.5°	303.9
30°	270.6
32.5°	237.2
35°	203.8
37.5°	170.5
40°	137.8
42.5°	107.4
45°	80.5
47.5°	58.0
50°	39.9
52.5°	29.0
55°	24.7
57.5°	22.5
60°	20.3
62.5°	18.1
65°	16.0
67.5°	13.8
70°	12.3
72.5°	10.2
75°	8.0
77.5°	6.5
80°	5.1
82.5°	3.6
85°	2.2
87.5°	1.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)