

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: P1274397

Luminaire Tested: P3AS17R359830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274397
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: P3AS17R359830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

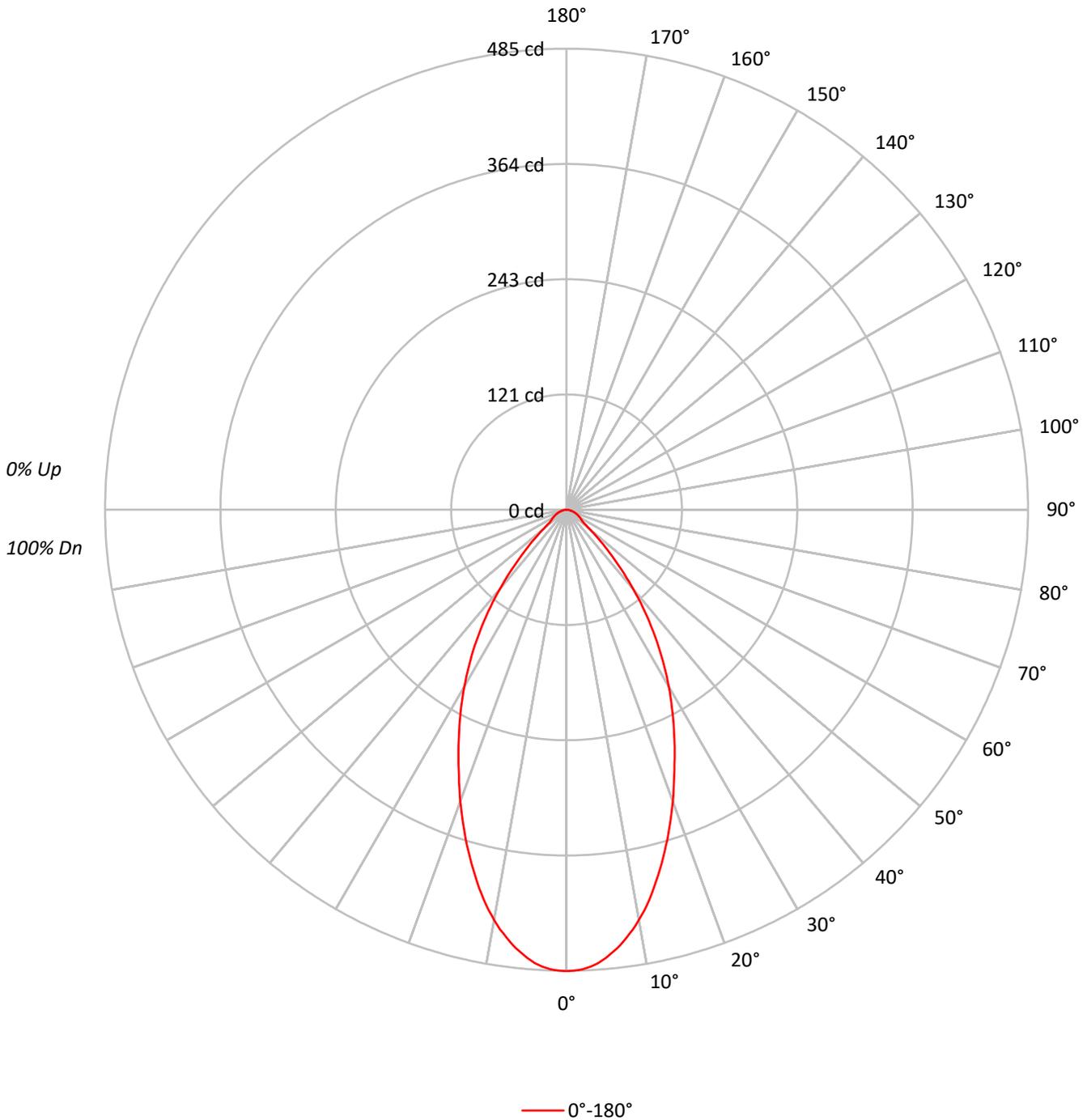
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 466.0 lumens
Efficiency: N/A
Efficacy: 22.8 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): 20.4
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			
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°	106439
5°	104204
10°	97571
15°	87583
20°	76190
25°	64915
30°	54388
35°	43313
40°	31316
45°	19816
50°	10814
55°	7493
60°	7061
65°	6590
70°	6283
75°	5338
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19816 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.1	9.5
10°-20°	107.4	23.0
20°-30°	123.0	26.4
30°-40°	100.4	21.5
40°-50°	50.6	10.9
50°-60°	18.8	4.0
60°-70°	12.6	2.7
70°-80°	7.0	1.5
80°-90°	2.1	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°	274.5	58.9
0°-40°	374.9	80.4
0°-60°	444.3	95.3
0°-90°	466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	466.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	485	
5°	473	44
15°	386	107
25°	268	123
35°	162	100
45°	64	51
55°	20	19
65°	13	13
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	485.4
1°	484.9
2°	483.7
3°	481.4
4°	478.0
5°	473.4
6°	467.6
7°	461.8
8°	454.3
9°	446.9
10°	438.2
11°	429.0
12°	419.2
13°	408.3
14°	396.8
15°	385.8
17.5°	356.5
20°	326.5
22.5°	296.0
25°	268.3
27.5°	241.3
30°	214.8
32.5°	188.3
35°	161.8
37.5°	135.3
40°	109.4
42.5°	85.2
45°	63.9
47.5°	46.1
50°	31.7
52.5°	23.0
55°	19.6
57.5°	17.9
60°	16.1
62.5°	14.4
65°	12.7
67.5°	10.9
70°	9.8
72.5°	8.1
75°	6.3
77.5°	5.2
80°	4.0
82.5°	2.9
85°	1.7
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)