

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: P1274337

Luminaire Tested: P3AS17R259830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274337
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

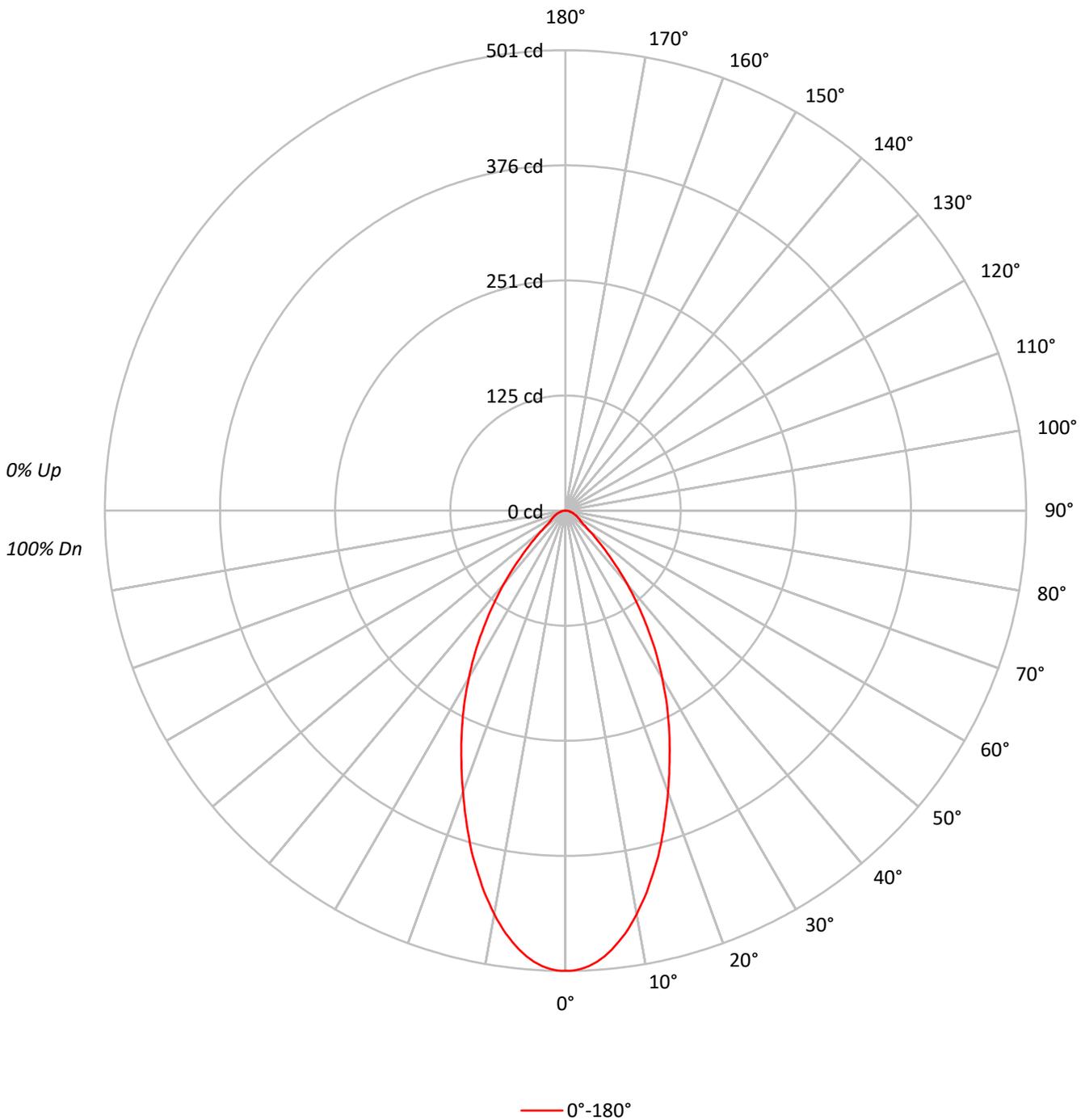
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 462.0 lumens
Efficiency: N/A
Efficacy: 22.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
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				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	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	109794
5°	107176
10°	99330
15°	88468
20°	76027
25°	64625
30°	53198
35°	41439
40°	29827
45°	18917
50°	11189
55°	7684
60°	7061
65°	6590
70°	5898
75°	5338
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18917 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.2	9.8
10°-20°	108.2	23.4
20°-30°	122.2	26.5
30°-40°	96.7	20.9
40°-50°	48.8	10.6
50°-60°	19.5	4.2
60°-70°	12.5	2.7
70°-80°	6.9	1.5
80°-90°	2.0	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°	275.6	59.6
0°-40°	372.2	80.6
0°-60°	440.6	95.4
0°-90°	462.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	462.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	501	
5°	487	45
15°	390	108
25°	267	122
35°	155	97
45°	61	49
55°	20	20
65°	13	13
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	500.7
1°	500.7
2°	499.0
3°	496.1
4°	492.1
5°	486.9
6°	480.6
7°	473.1
8°	465.0
9°	455.8
10°	446.1
11°	435.1
12°	424.8
13°	412.7
14°	401.2
15°	389.7
17.5°	357.4
20°	325.8
22.5°	295.8
25°	267.1
27.5°	238.9
30°	210.1
32.5°	183.0
35°	154.8
37.5°	128.9
40°	104.2
42.5°	81.2
45°	61.0
47.5°	45.5
50°	32.8
52.5°	24.7
55°	20.1
57.5°	18.4
60°	16.1
62.5°	14.4
65°	12.7
67.5°	10.9
70°	9.2
72.5°	8.1
75°	6.3
77.5°	5.2
80°	4.0
82.5°	2.9
85°	1.7
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)