

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: P1276530

Luminaire Tested: P3AS17R459835DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276530
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R459835DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

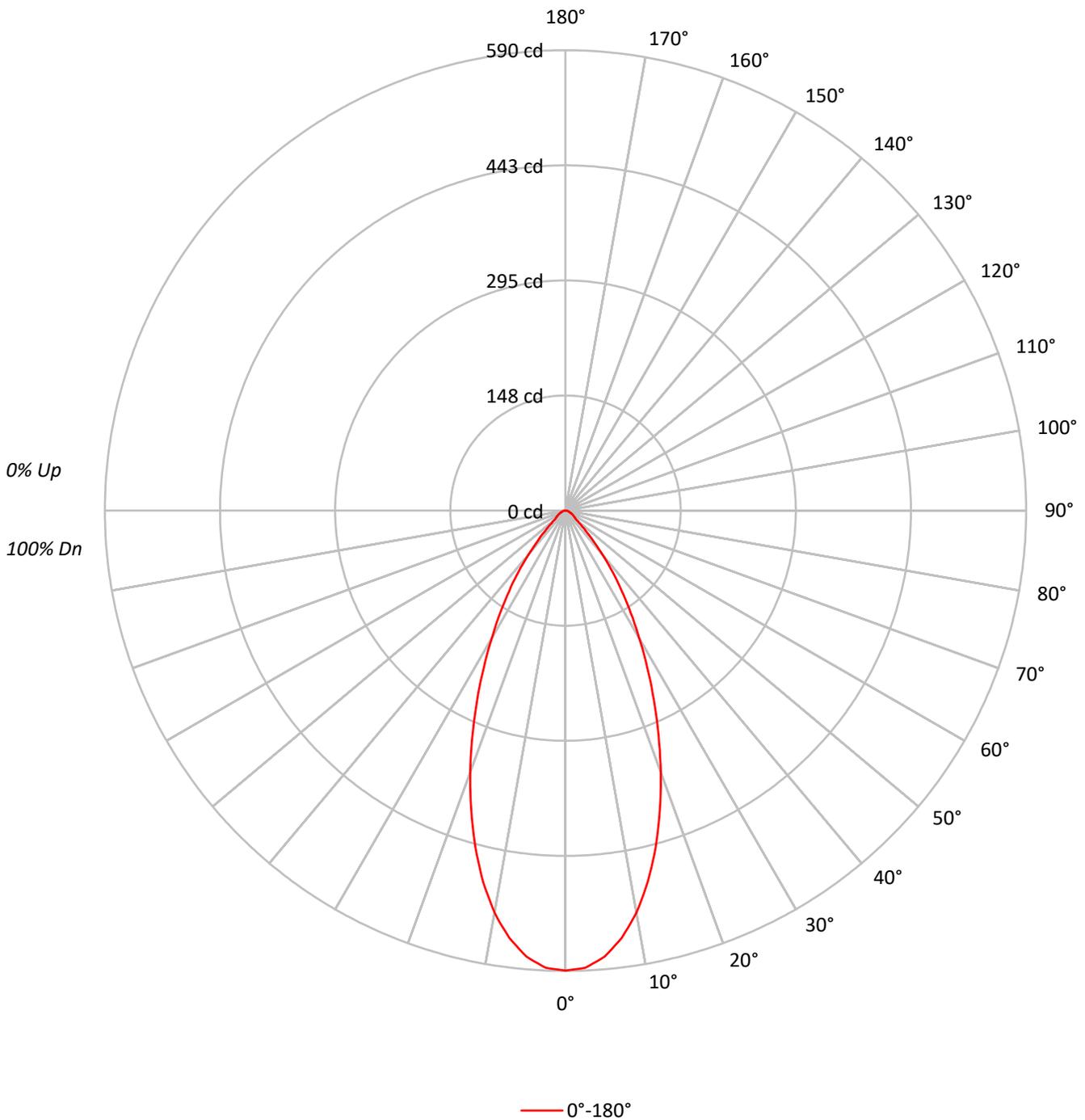
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 433.9 lumens
Efficiency: N/A
Efficacy: 21.3 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
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			100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			86
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			79
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			69
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			64
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60			60
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			56
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			53
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	129266
5°	126326
10°	116542
15°	101340
20°	83237
25°	64770
30°	47830
35°	33649
40°	21011
45°	11381
50°	6141
55°	5276
60°	4736
65°	4047
70°	3462
75°	3558
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11381 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.2	12.2
10°-20°	123.4	28.4
20°-30°	122.5	28.2
30°-40°	78.9	18.2
40°-50°	30.4	7.0
50°-60°	12.3	2.8
60°-70°	7.8	1.8
70°-80°	4.2	1.0
80°-90°	1.3	0.3
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°	299.0	68.9
0°-40°	377.9	87.1
0°-60°	420.7	96.9
0°-90°	433.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	433.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	590	
5°	574	53
15°	446	123
25°	268	123
35°	126	79
45°	37	30
55°	14	12
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	589.5
2.5°	586.5
5°	573.9
7.5°	552.2
10°	523.4
12.5°	487.3
15°	446.4
17.5°	401.8
20°	356.7
22.5°	311.0
25°	267.7
27.5°	226.8
30°	188.9
32.5°	155.8
35°	125.7
37.5°	98.7
40°	73.4
42.5°	52.9
45°	36.7
47.5°	24.7
50°	18.0
52.5°	15.0
55°	13.8
57.5°	12.0
60°	10.8
62.5°	9.0
65°	7.8
67.5°	6.6
70°	5.4
72.5°	4.8
75°	4.2
77.5°	3.0
80°	2.4
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)