

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: P1265352

Luminaire Tested: P3AS17R209730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265352
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209730DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

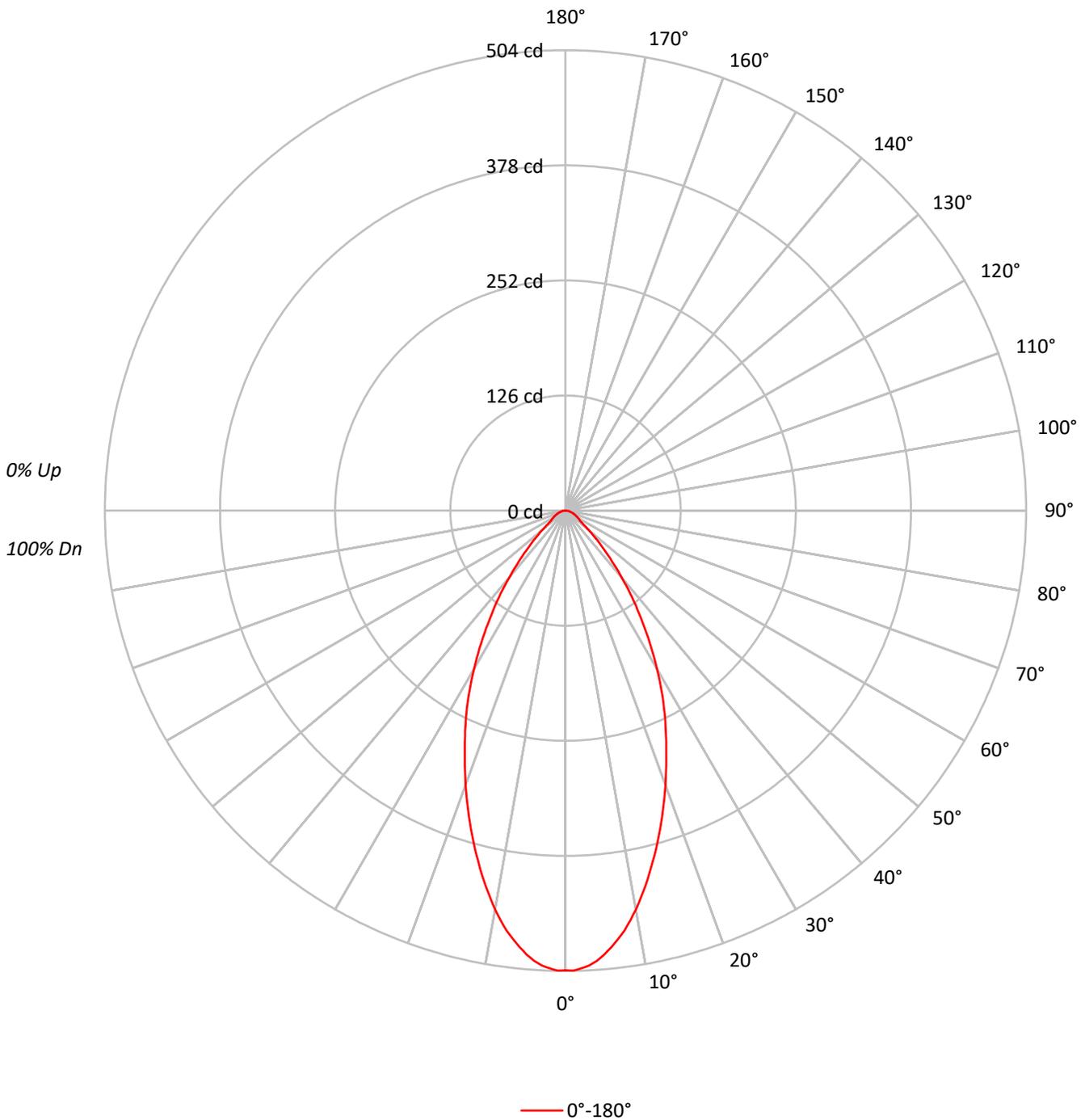
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 446.1 lumens
Efficiency: N/A
Efficacy: 21.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83				83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76				76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65				65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60				60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55				55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52				52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48				48
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110320
5°	107374
10°	98773
15°	86947
20°	74556
25°	62641
30°	50641
35°	38521
40°	27394
45°	18110
50°	11224
55°	7378
60°	6710
65°	6174
70°	5834
75°	5253
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18110 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.1	10.1
10°-20°	106.6	23.9
20°-30°	118.3	26.5
30°-40°	90.3	20.2
40°-50°	46.2	10.4
50°-60°	19.0	4.3
60°-70°	11.8	2.7
70°-80°	6.7	1.5
80°-90°	1.9	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°	270.1	60.5
0°-40°	360.4	80.8
0°-60°	425.6	95.4
0°-90°	446.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	446.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	503	
5°	488	45
15°	383	107
25°	259	118
35°	144	90
45°	58	46
55°	19	19
65°	12	12
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	503.1
1°	503.7
2°	501.4
3°	498.6
4°	494.0
5°	487.8
6°	480.4
7°	472.5
8°	464.0
9°	453.8
10°	443.6
12.5°	414.1
15°	383.0
17.5°	351.3
20°	319.5
22.5°	287.8
25°	258.9
27.5°	230.0
30°	200.0
32.5°	171.7
35°	143.9
37.5°	119.5
40°	95.7
42.5°	75.4
45°	58.4
47.5°	44.2
50°	32.9
52.5°	24.4
55°	19.3
57.5°	17.6
60°	15.3
62.5°	13.6
65°	11.9
67.5°	10.2
70°	9.1
72.5°	7.4
75°	6.2
77.5°	5.1
80°	4.0
82.5°	2.8
85°	1.7
87.5°	0.6
90°	0.0

(END OF REPORT)