

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: P1271895

Luminaire Tested: P3AS13R209827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271895
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: P3AS13R209827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

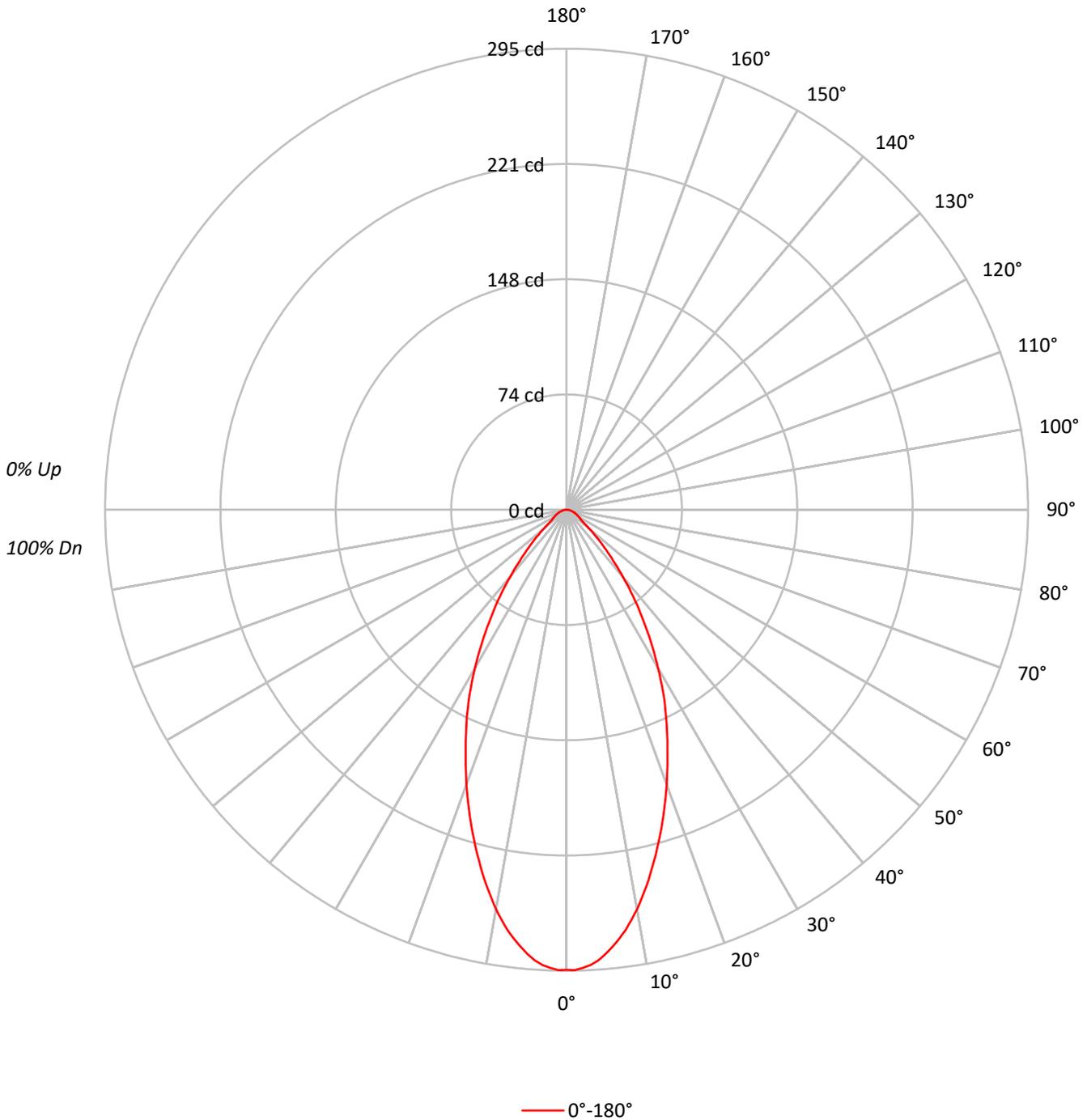
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 261.0 lumens
Efficiency: N/A
Efficacy: 18.0 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): 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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91	91	91	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83	83	83	83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76	76	76	76
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70	70	70	70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65	65	65	65
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60	60	60	60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55	55	55	55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52	52	52	52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48	48	48	48
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45	45	45	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64556
5°	62844
10°	57803
15°	50874
20°	43637
25°	36655
30°	29625
35°	22540
40°	16030
45°	10575
50°	6550
55°	4320
60°	3947
65°	3632
70°	3398
75°	3050
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10575 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.4	10.1
10°-20°	62.4	23.9
20°-30°	69.2	26.5
30°-40°	52.8	20.2
40°-50°	27.0	10.4
50°-60°	11.1	4.3
60°-70°	7.0	2.7
70°-80°	3.9	1.5
80°-90°	1.1	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°	158.1	60.5
0°-40°	210.9	80.8
0°-60°	249.1	95.4
0°-90°	261.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	261.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	294	
5°	286	26
15°	224	62
25°	152	69
35°	84	53
45°	34	27
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	294.4
1°	294.7
2°	293.4
3°	291.8
4°	289.1
5°	285.5
6°	281.1
7°	276.5
8°	271.5
9°	265.6
10°	259.6
12.5°	242.4
15°	224.1
17.5°	205.6
20°	187.0
22.5°	168.4
25°	151.5
27.5°	134.6
30°	117.0
32.5°	100.5
35°	84.2
37.5°	70.0
40°	56.0
42.5°	44.1
45°	34.1
47.5°	25.9
50°	19.2
52.5°	14.3
55°	11.3
57.5°	10.3
60°	9.0
62.5°	8.0
65°	7.0
67.5°	6.0
70°	5.3
72.5°	4.3
75°	3.6
77.5°	3.0
80°	2.3
82.5°	1.7
85°	1.0
87.5°	0.3
90°	0.0

(END OF REPORT)