

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: P1255362

Luminaire Tested: P3AS20R259035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255362
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: P3AS20R259035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

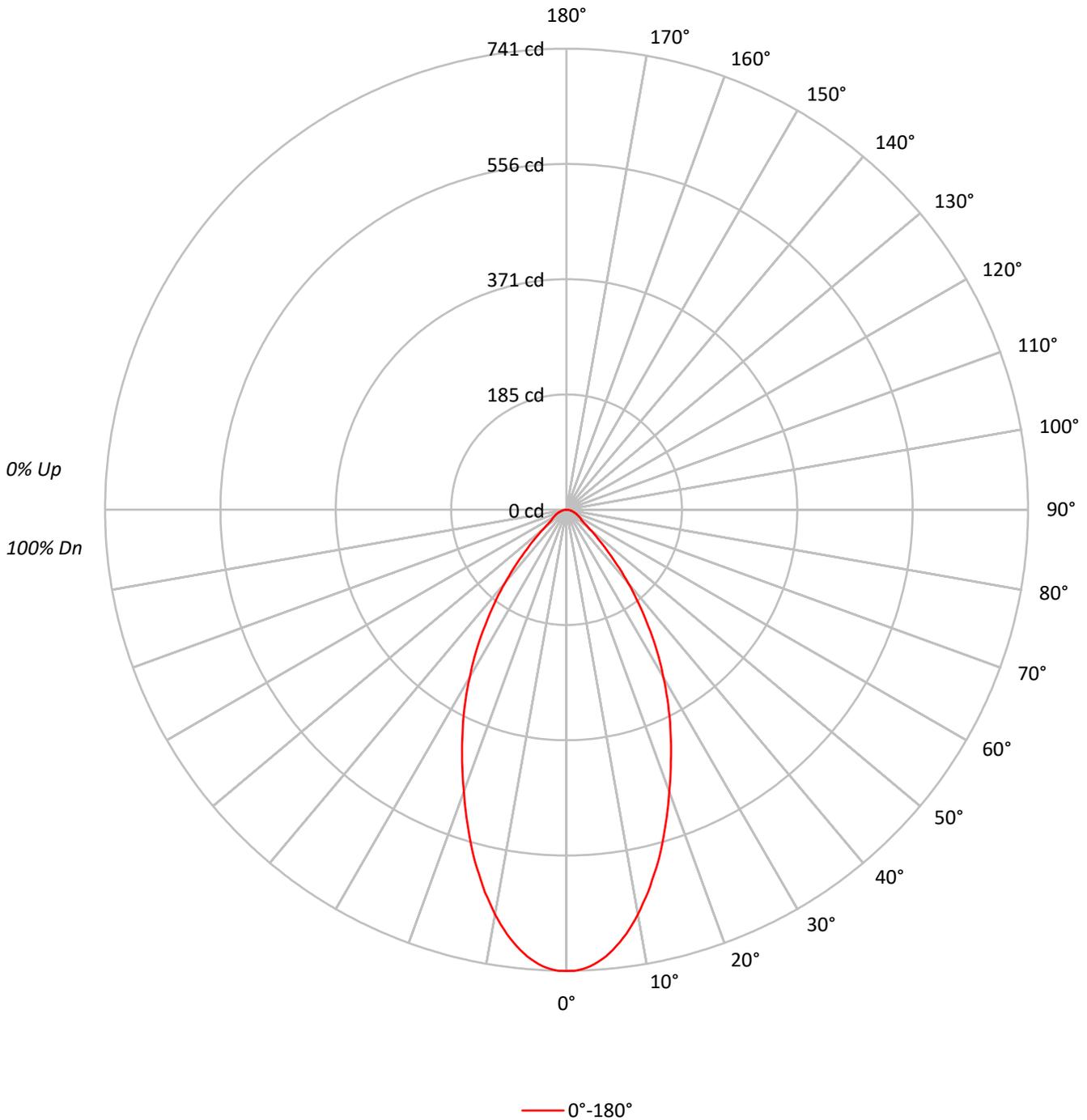
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 684.0 lumens
Efficiency: N/A
Efficacy: 23.8 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): 28.8
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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91	91	91	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83	83	83	83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76	76	76	76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70	70	70	70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64	64	64	64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59	59	59	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48	48	48	48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45	45	45	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	162553
5°	158683
10°	147047
15°	130966
20°	112546
25°	95667
30°	78746
35°	61355
40°	44140
45°	28003
50°	16579
55°	11393
60°	10482
65°	9703
70°	8719
75°	7964
80°	7577
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 28003 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.9	9.8
10°-20°	160.2	23.4
20°-30°	180.9	26.5
30°-40°	143.1	20.9
40°-50°	72.3	10.6
50°-60°	29.0	4.2
60°-70°	18.5	2.7
70°-80°	10.2	1.5
80°-90°	2.9	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°	408.0	59.6
0°-40°	551.1	80.6
0°-60°	652.3	95.4
0°-90°	684.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	684.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	741	
5°	721	67
15°	577	160
25°	395	181
35°	229	143
45°	90	72
55°	30	29
65°	19	19
75°	9	10
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	741.3
1°	741.3
2°	738.8
3°	734.5
4°	728.6
5°	720.9
6°	711.5
7°	700.4
8°	688.5
9°	674.9
10°	660.4
11°	644.2
12°	628.9
13°	611.0
14°	593.9
15°	576.9
17.5°	529.2
20°	482.3
22.5°	438.0
25°	395.4
27.5°	353.6
30°	311.0
32.5°	271.0
35°	229.2
37.5°	190.9
40°	154.2
42.5°	120.1
45°	90.3
47.5°	67.3
50°	48.6
52.5°	36.6
55°	29.8
57.5°	27.3
60°	23.9
62.5°	21.3
65°	18.7
67.5°	16.2
70°	13.6
72.5°	11.9
75°	9.4
77.5°	7.7
80°	6.0
82.5°	4.3
85°	2.6
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)