

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: P1265751

Luminaire Tested: P3AS20R259730D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265751
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259730D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

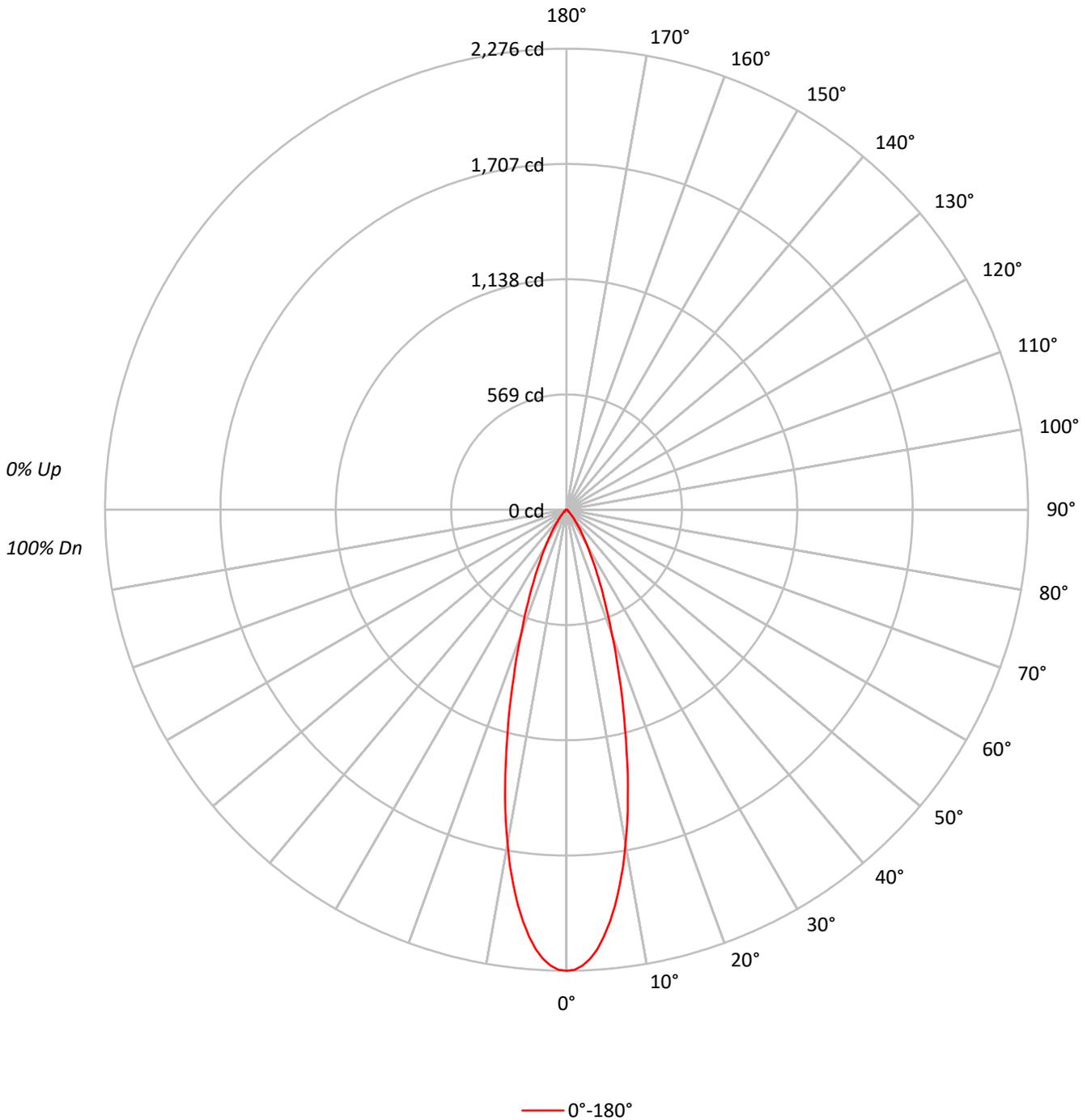
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 778.0 lumens
Efficiency: N/A
Efficacy: 27.0 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75	75	75	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72	72	72	72
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66	66	66	66
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64	64	64	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	499061
5°	465616
10°	372984
15°	253191
20°	153197
25°	89594
30°	51021
35°	28054
40°	14885
45°	7846
50°	4571
55°	3403
60°	2938
65°	3061
70°	2885
75°	2542
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7846 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.7	24.1
10°-20°	306.6	39.4
20°-30°	175.2	22.5
30°-40°	69.1	8.9
40°-50°	21.2	2.7
50°-60°	8.4	1.1
60°-70°	5.6	0.7
70°-80°	3.1	0.4
80°-90°	1.0	0.1
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°	669.5	86.1
0°-40°	738.7	94.9
0°-60°	768.2	98.7
0°-90°	778.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	778.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2276	
5°	2115	188
15°	1115	307
25°	370	175
35°	105	69
45°	25	21
55°	9	8
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2275.9
1°	2271.4
2°	2252.8
3°	2220.1
4°	2174.8
5°	2115.3
6°	2045.4
7°	1966.6
8°	1875.1
9°	1781.5
10°	1675.1
11°	1570.3
12°	1455.1
13°	1341.3
14°	1224.6
15°	1115.3
17.5°	864.7
20°	656.5
22.5°	492.9
25°	370.3
27.5°	274.4
30°	201.5
32.5°	145.7
35°	104.8
37.5°	74.4
40°	52.0
42.5°	35.7
45°	25.3
47.5°	17.8
50°	13.4
52.5°	10.4
55°	8.9
57.5°	8.2
60°	6.7
62.5°	5.9
65°	5.9
67.5°	5.2
70°	4.5
72.5°	3.7
75°	3.0
77.5°	2.2
80°	1.5
82.5°	1.5
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)