

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: P1258123

Luminaire Tested: P3AS20R359040D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258123
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359040D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

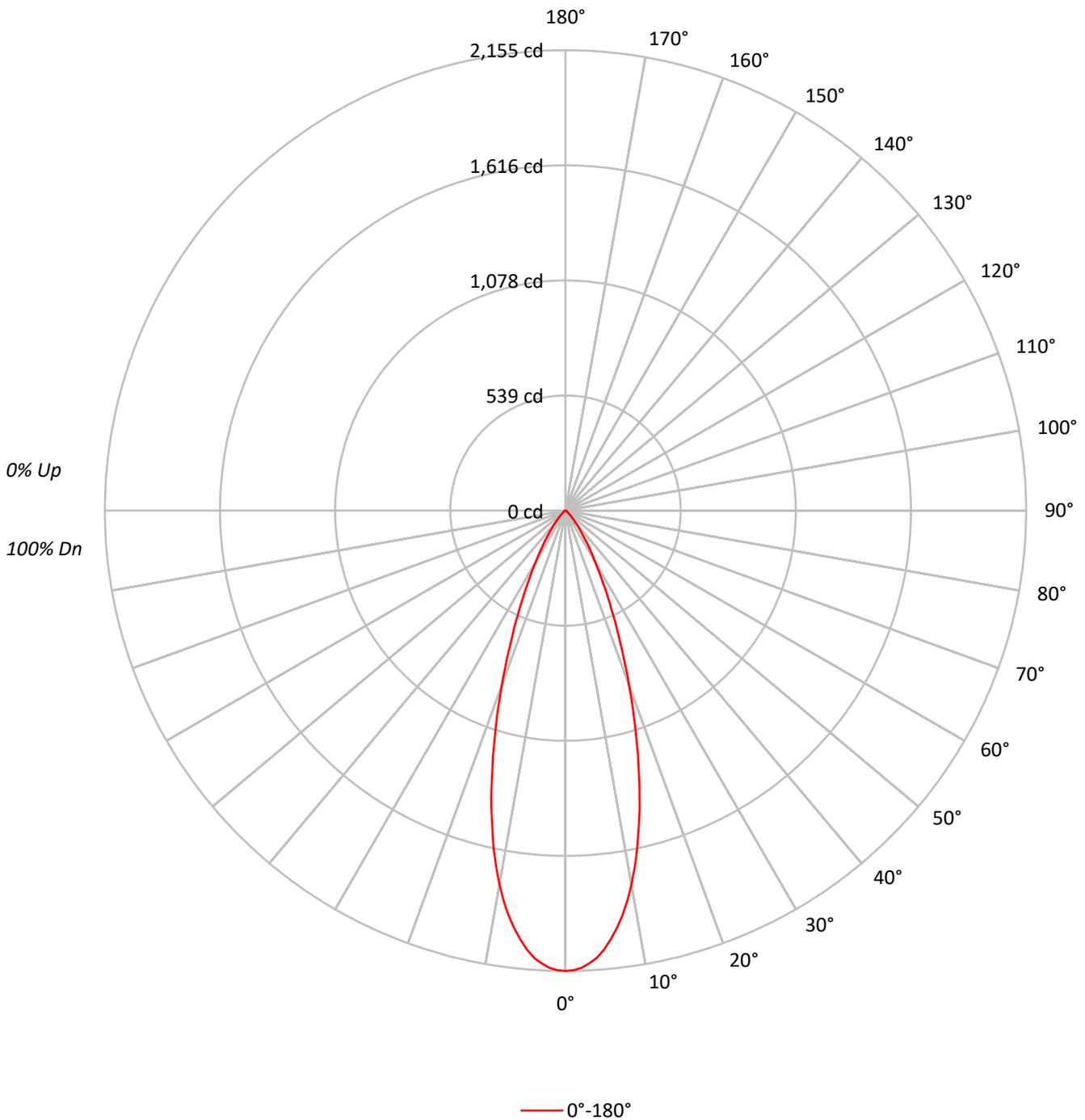
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 937.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
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	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	76	76	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66	66	66	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	472572
5°	454170
10°	395717
15°	303112
20°	202784
25°	122693
30°	70416
35°	39378
40°	20925
45°	10792
50°	5185
55°	4091
60°	3903
65°	3217
70°	3398
75°	3050
80°	3410
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10792 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.7	20.0
10°-20°	363.8	38.8
20°-30°	238.2	25.4
30°-40°	96.6	10.3
40°-50°	29.0	3.1
50°-60°	9.9	1.1
60°-70°	6.6	0.7
70°-80°	3.9	0.4
80°-90°	1.3	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°	789.7	84.3
0°-40°	886.3	94.6
0°-60°	925.2	98.7
0°-90°	937.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	937.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2155	
5°	2063	188
15°	1335	364
25°	507	238
35°	147	97
45°	35	29
55°	11	10
65°	6	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2155.1
1°	2151.6
2°	2141.8
3°	2122.2
4°	2099.0
5°	2063.3
6°	2018.8
7°	1968.9
8°	1912.7
9°	1848.5
10°	1777.2
11°	1697.9
12°	1615.0
13°	1522.3
14°	1434.1
15°	1335.2
17.5°	1095.4
20°	869.0
22.5°	668.5
25°	507.1
27.5°	377.9
30°	278.1
32.5°	204.1
35°	147.1
37.5°	104.3
40°	73.1
42.5°	50.8
45°	34.8
47.5°	23.2
50°	15.2
52.5°	11.6
55°	10.7
57.5°	9.8
60°	8.9
62.5°	8.0
65°	6.2
67.5°	5.3
70°	5.3
72.5°	4.5
75°	3.6
77.5°	2.7
80°	2.7
82.5°	1.8
85°	0.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)