

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: P1250347

Luminaire Tested: P3AS24R359027D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250347
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: P3AS24R359027D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

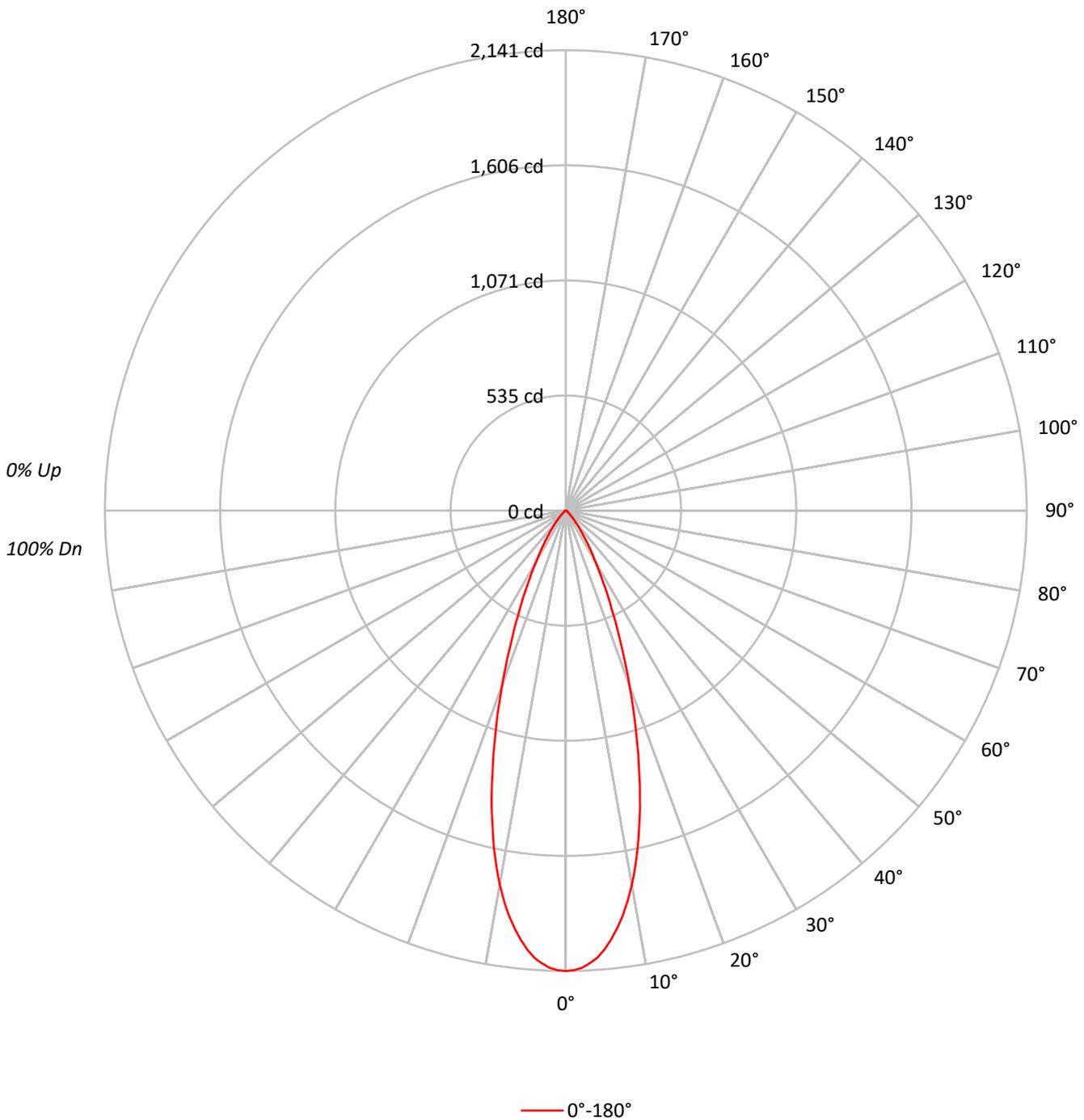
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 931.0 lumens
Efficiency: N/A
Efficacy: 32.3 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				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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95				95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90				90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85				85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80				80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76				76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73				73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70				70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66				66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64				64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61				61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	469546
5°	451265
10°	393201
15°	301160
20°	201478
25°	121918
30°	69960
35°	39110
40°	20782
45°	10699
50°	5151
55°	4052
60°	3903
65°	3217
70°	3398
75°	2965
80°	3410
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10699 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	186.5	20.0
10°-20°	361.5	38.8
20°-30°	236.7	25.4
30°-40°	96.0	10.3
40°-50°	28.8	3.1
50°-60°	9.8	1.1
60°-70°	6.6	0.7
70°-80°	3.8	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°	784.7	84.3
0°-40°	880.7	94.6
0°-60°	919.2	98.7
0°-90°	931.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	931.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2141	
5°	2050	187
15°	1327	361
25°	504	237
35°	146	96
45°	34	29
55°	11	10
65°	6	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2141.3
1°	2137.8
2°	2128.1
3°	2108.6
4°	2085.6
5°	2050.1
6°	2005.9
7°	1956.3
8°	1900.5
9°	1836.7
10°	1765.9
11°	1687.0
12°	1604.7
13°	1512.6
14°	1424.9
15°	1326.6
17.5°	1088.4
20°	863.4
22.5°	664.2
25°	503.9
27.5°	375.5
30°	276.3
32.5°	202.8
35°	146.1
37.5°	103.6
40°	72.6
42.5°	50.5
45°	34.5
47.5°	23.0
50°	15.1
52.5°	11.5
55°	10.6
57.5°	9.7
60°	8.9
62.5°	8.0
65°	6.2
67.5°	5.3
70°	5.3
72.5°	4.4
75°	3.5
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)