

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: P1261242

Luminaire Tested: P3AS24R659050D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261242
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R659050D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

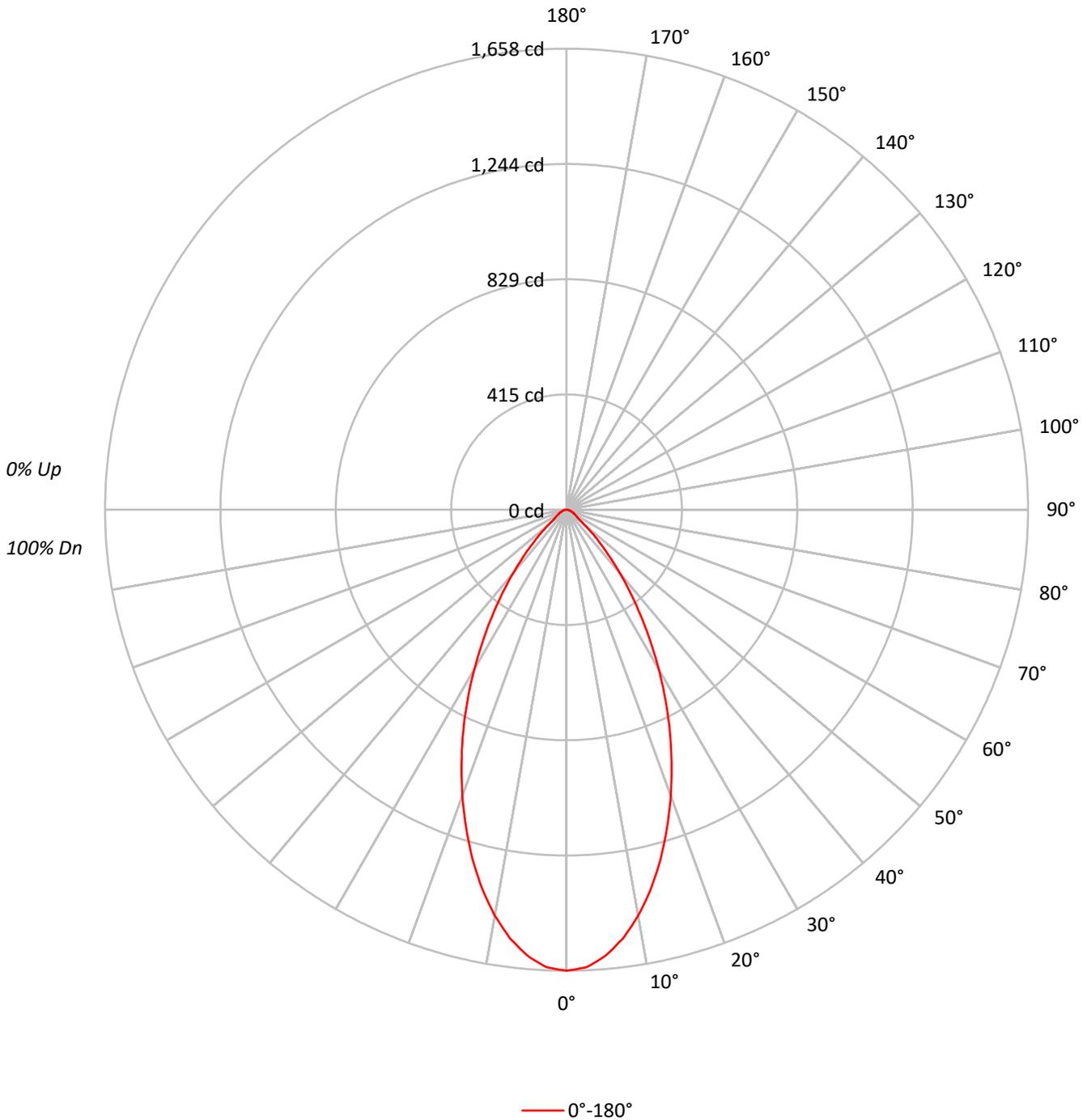
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1430.0 lumens
Efficiency: N/A
Efficacy: 49.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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			
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92			
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85			
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78			
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72			
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62			
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57			
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54			
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50			
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	363480
5°	354434
10°	330076
15°	295802
20°	255476
25°	212504
30°	167570
35°	124182
40°	85560
45°	53060
50°	28826
55°	18121
60°	15350
65°	13906
70°	11925
75°	10506
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 53060 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.6	10.5
10°-20°	362.1	25.3
20°-30°	400.4	28.0
30°-40°	290.8	20.3
40°-50°	136.2	9.5
50°-60°	45.8	3.2
60°-70°	26.5	1.9
70°-80°	13.9	1.0
80°-90°	4.5	0.3
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°	912.2	63.8
0°-40°	1203.0	84.1
0°-60°	1385.1	96.9
0°-90°	1430.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1430.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1658	
5°	1610	150
15°	1303	362
25°	878	400
35°	464	291
45°	171	136
55°	47	46
65°	27	26
75°	12	14
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1657.6
2.5°	1647.3
5°	1610.2
7.5°	1554.5
10°	1482.4
12.5°	1397.8
15°	1303.0
17.5°	1199.9
20°	1094.8
22.5°	985.5
25°	878.3
27.5°	769.0
30°	661.8
32.5°	558.7
35°	463.9
37.5°	377.3
40°	298.9
42.5°	228.8
45°	171.1
47.5°	123.7
50°	84.5
52.5°	57.7
55°	47.4
57.5°	41.2
60°	35.0
62.5°	30.9
65°	26.8
67.5°	22.7
70°	18.6
72.5°	16.5
75°	12.4
77.5°	10.3
80°	8.2
82.5°	6.2
85°	4.1
87.5°	2.1
90°	0.0

(END OF REPORT)