

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: P1261213

Luminaire Tested: P3AS24R609050D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261213
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R609050D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

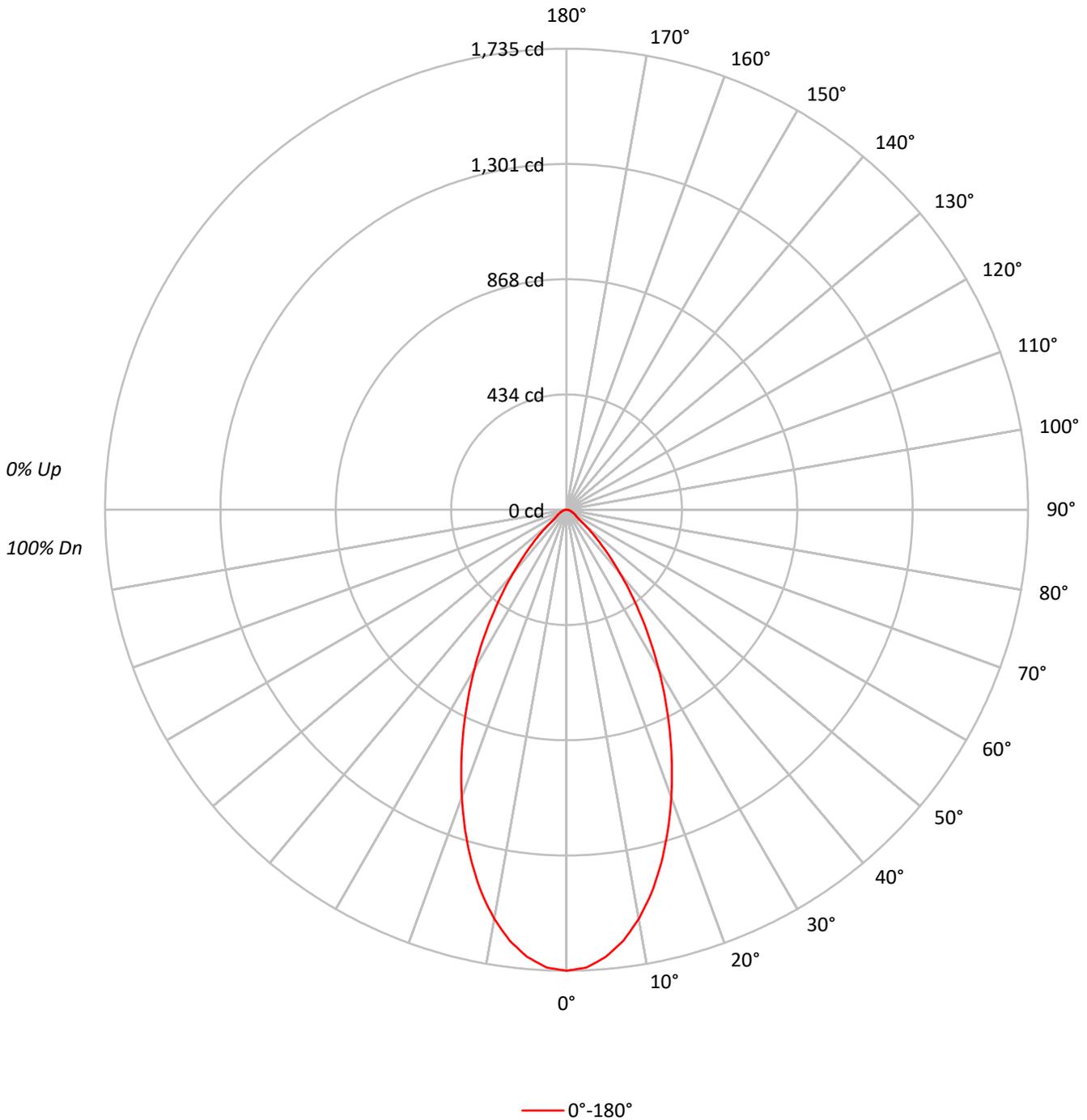
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1501.0 lumens
Efficiency: N/A
Efficacy: 52.1 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				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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85				85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	58				58
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	380408
5°	371868
10°	348157
15°	312329
20°	268590
25°	222085
30°	175495
35°	130313
40°	89740
45°	56285
50°	30976
55°	18121
60°	16271
65°	13906
70°	11925
75°	12200
80°	10481
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 56285 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.3	10.5
10°-20°	382.1	25.5
20°-30°	419.1	27.9
30°-40°	305.3	20.3
40°-50°	144.2	9.6
50°-60°	47.2	3.1
60°-70°	26.8	1.8
70°-80°	14.4	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°	958.5	63.9
0°-40°	1263.8	84.2
0°-60°	1455.3	97.0
0°-90°	1501.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1501.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1735	
5°	1689	157
15°	1376	382
25°	918	419
35°	487	305
45°	182	144
55°	47	47
65°	27	27
75°	14	14
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1734.8
2.5°	1724.4
5°	1689.4
7.5°	1635.8
10°	1563.6
12.5°	1476.9
15°	1375.8
17.5°	1266.5
20°	1151.0
22.5°	1033.4
25°	917.9
27.5°	802.4
30°	693.1
32.5°	587.9
35°	486.8
37.5°	396.0
40°	313.5
42.5°	241.3
45°	181.5
47.5°	132.0
50°	90.8
52.5°	59.8
55°	47.4
57.5°	41.3
60°	37.1
62.5°	30.9
65°	26.8
67.5°	22.7
70°	18.6
72.5°	16.5
75°	14.4
77.5°	10.3
80°	8.3
82.5°	6.2
85°	4.1
87.5°	2.1
90°	0.0

(END OF REPORT)