

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: P1250533

Luminaire Tested: P3AS24R659027D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250533
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: P3AS24R659027D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

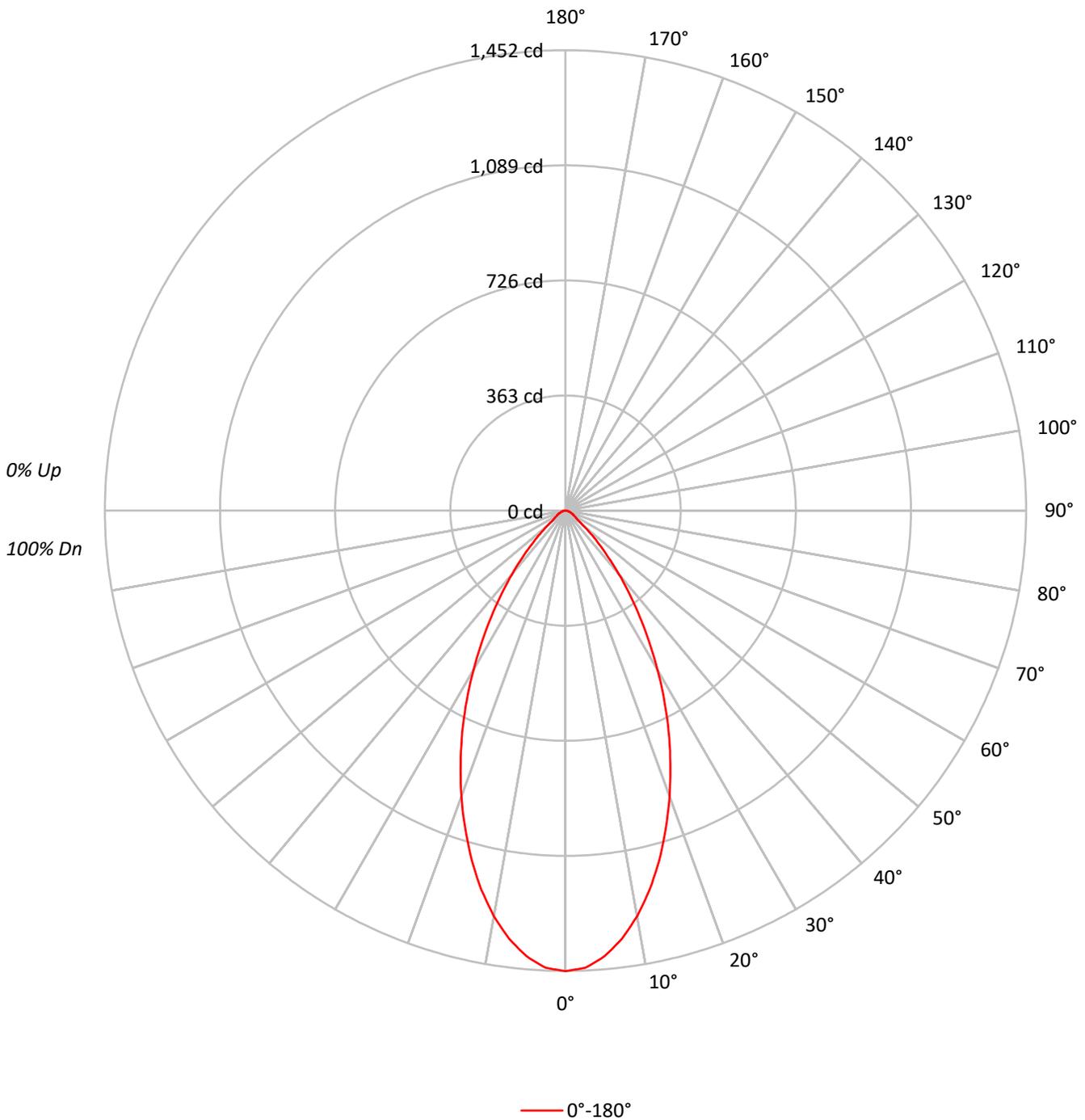
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1253.0 lumens
Efficiency: N/A
Efficacy: 43.5 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	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78				78
4	95	87	81	76	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	57				57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	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°	318483
5°	310565
10°	289218
15°	259184
20°	223856
25°	186204
30°	146833
35°	108817
40°	74969
45°	46485
50°	25278
55°	15866
60°	13464
65°	12193
70°	10450
75°	9150
80°	9092
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 46485 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.1	10.5
10°-20°	317.3	25.3
20°-30°	350.9	28.0
30°-40°	254.9	20.3
40°-50°	119.4	9.5
50°-60°	40.2	3.2
60°-70°	23.2	1.9
70°-80°	12.1	1.0
80°-90°	3.9	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°	799.3	63.8
0°-40°	1054.1	84.1
0°-60°	1213.7	96.9
0°-90°	1253.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1253.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1452	
5°	1411	131
15°	1142	317
25°	770	351
35°	406	255
45°	150	119
55°	42	40
65°	24	23
75°	11	12
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1452.4
2.5°	1443.4
5°	1410.9
7.5°	1362.1
10°	1298.9
12.5°	1224.8
15°	1141.7
17.5°	1051.4
20°	959.3
22.5°	863.5
25°	769.6
27.5°	673.8
30°	579.9
32.5°	489.6
35°	406.5
37.5°	330.6
40°	261.9
42.5°	200.5
45°	149.9
47.5°	108.4
50°	74.1
52.5°	50.6
55°	41.5
57.5°	36.1
60°	30.7
62.5°	27.1
65°	23.5
67.5°	19.9
70°	16.3
72.5°	14.5
75°	10.8
77.5°	9.0
80°	7.2
82.5°	5.4
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)