

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: P1253239

Luminaire Tested: P3AS24R659030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253239
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: P3AS24R659030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

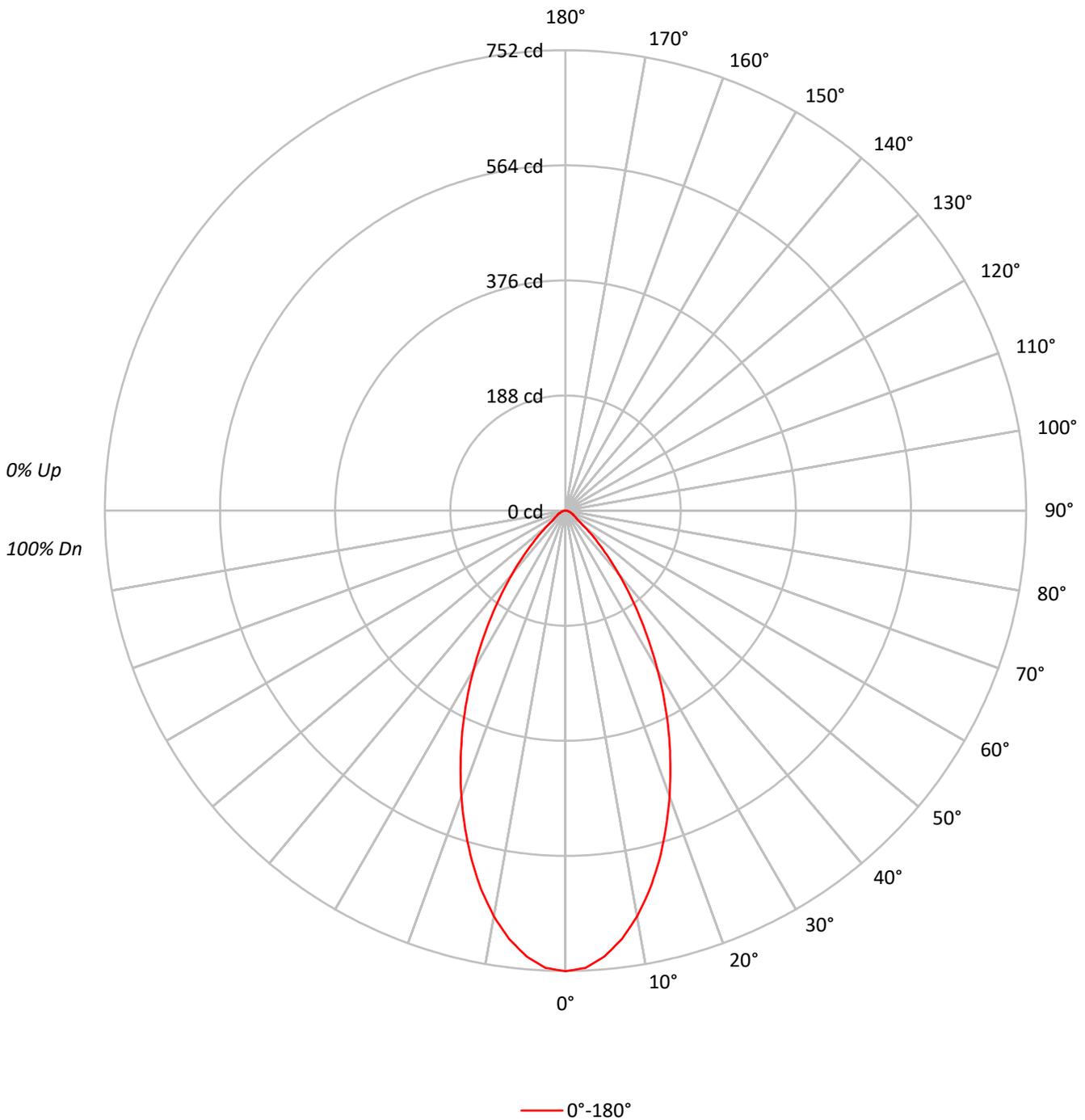
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 649.0 lumens
Efficiency: N/A
Efficacy: 22.5 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°	164965
5°	160862
10°	149808
15°	134257
20°	115953
25°	96441
30°	76062
35°	56349
40°	38844
45°	24096
50°	13100
55°	8220
60°	6973
65°	6330
70°	5386
75°	4745
80°	4672
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 24096 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.9	10.5
10°-20°	164.3	25.3
20°-30°	181.7	28.0
30°-40°	132.0	20.3
40°-50°	61.9	9.5
50°-60°	20.8	3.2
60°-70°	12.0	1.9
70°-80°	6.3	1.0
80°-90°	2.0	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°	414.0	63.8
0°-40°	546.0	84.1
0°-60°	628.7	96.9
0°-90°	649.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	649.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	752	
5°	731	68
15°	591	164
25°	399	182
35°	210	132
45°	78	62
55°	22	21
65°	12	12
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	752.3
2.5°	747.6
5°	730.8
7.5°	705.5
10°	672.8
12.5°	634.4
15°	591.4
17.5°	544.6
20°	496.9
22.5°	447.3
25°	398.6
27.5°	349.0
30°	300.4
32.5°	253.6
35°	210.5
37.5°	171.2
40°	135.7
42.5°	103.9
45°	77.7
47.5°	56.1
50°	38.4
52.5°	26.2
55°	21.5
57.5°	18.7
60°	15.9
62.5°	14.0
65°	12.2
67.5°	10.3
70°	8.4
72.5°	7.5
75°	5.6
77.5°	4.7
80°	3.7
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)