

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: P1253181

Luminaire Tested: P3AS24R559030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253181
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R559030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

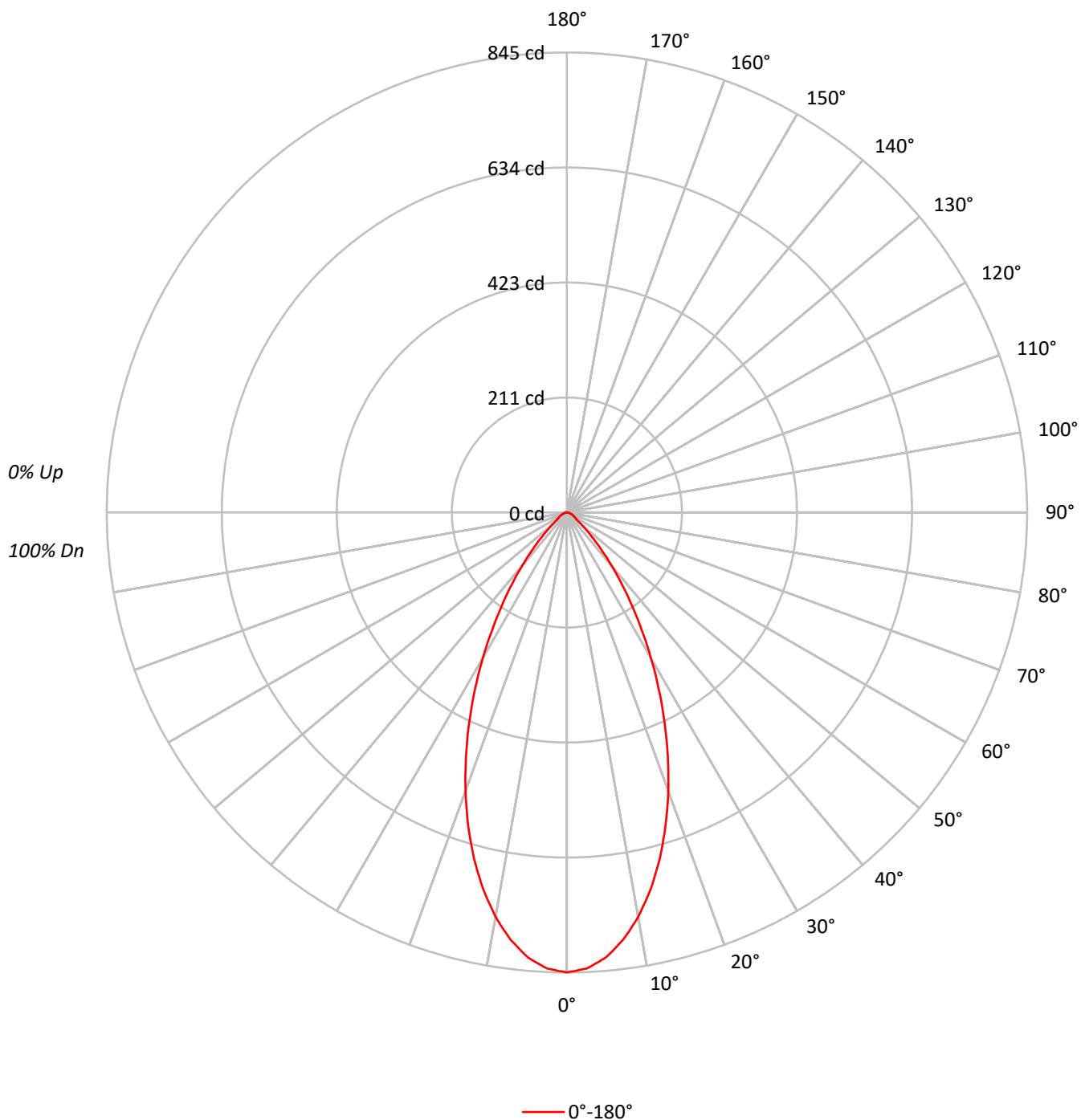
Lumens per Lamp: N/A
Luminaire Lumens: 681.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	185248
5°	180607
10°	167910
15°	149513
20°	127061
25°	102538
30°	78164
35°	55600
40°	36697
45°	21770
50°	12759
55°	7875
60°	6973
65°	6330
70°	5386
75°	4745
80°	4672
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21770 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.2	11.2
10°-20°	182.6	26.8
20°-30°	193.4	28.4
30°-40°	130.7	19.2
40°-50°	57.3	8.4
50°-60°	20.5	3.0
60°-70°	12.0	1.8
70°-80°	6.3	0.9
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°	452.2	66.4
0°-40°	582.9	85.6
0°-60°	660.7	97.0
0°-90°	681.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	681.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	845	
5°	820	76
15°	659	183
25°	424	193
35°	208	131
45°	70	57
55°	21	21
65°	12	12
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	844.8
2.5°	838.3
5°	820.5
7.5°	791.5
10°	754.1
12.5°	709.2
15°	658.6
17.5°	602.5
20°	544.5
22.5°	483.7
25°	423.8
27.5°	364.9
30°	308.7
32.5°	255.4
35°	207.7
37.5°	164.7
40°	128.2
42.5°	96.4
45°	70.2
47.5°	51.5
50°	37.4
52.5°	26.2
55°	20.6
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)