

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: P1253256

Luminaire Tested: P3AS24R709030D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253256
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R709030D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

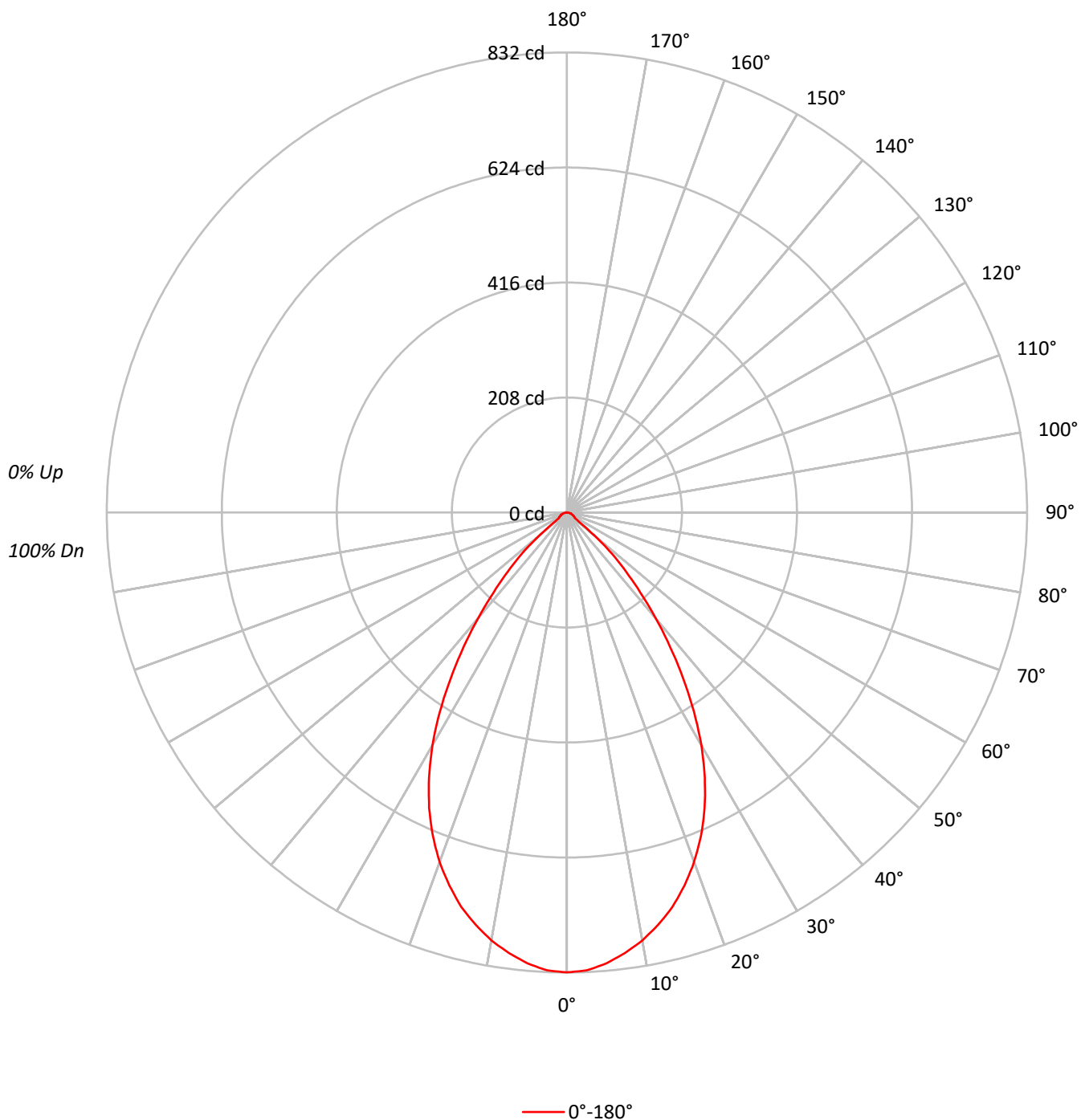
Lumens per Lamp: N/A
Luminaire Lumens: 942.0 lumens
Efficiency: N/A
Efficacy: 32.7 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	182354
5°	180167
10°	174969
15°	167561
20°	156954
25°	142605
30°	123158
35°	98163
40°	71505
45°	46982
50°	22004
55°	6805
60°	6578
65°	6330
70°	6027
75°	6354
80°	5935
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46982 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.1	8.2
10°-20°	206.6	21.9
20°-30°	268.5	28.5
30°-40°	227.8	24.2
40°-50°	117.5	12.5
50°-60°	22.6	2.4
60°-70°	12.3	1.3
70°-80°	7.5	0.8
80°-90°	2.2	0.2
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°	552.1	58.6
0°-40°	779.9	82.8
0°-60°	920.0	97.7
0°-90°	942.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	942.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	832	
5°	818	77
15°	738	207
25°	589	268
35°	367	228
45°	152	117
55°	18	23
65°	12	12
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	831.6
2.5°	828.8
5°	818.5
7.5°	803.6
10°	785.8
12.5°	763.4
15°	738.1
17.5°	707.2
20°	672.6
22.5°	633.3
25°	589.4
27.5°	539.8
30°	486.4
32.5°	427.5
35°	366.7
37.5°	306.8
40°	249.8
42.5°	196.5
45°	151.5
47.5°	111.3
50°	64.5
52.5°	28.1
55°	17.8
57.5°	16.8
60°	15.0
62.5°	14.0
65°	12.2
67.5°	11.2
70°	9.4
72.5°	8.4
75°	7.5
77.5°	5.6
80°	4.7
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)