

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: P1253262

Luminaire Tested: P3AS24R709030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253262
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R709030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

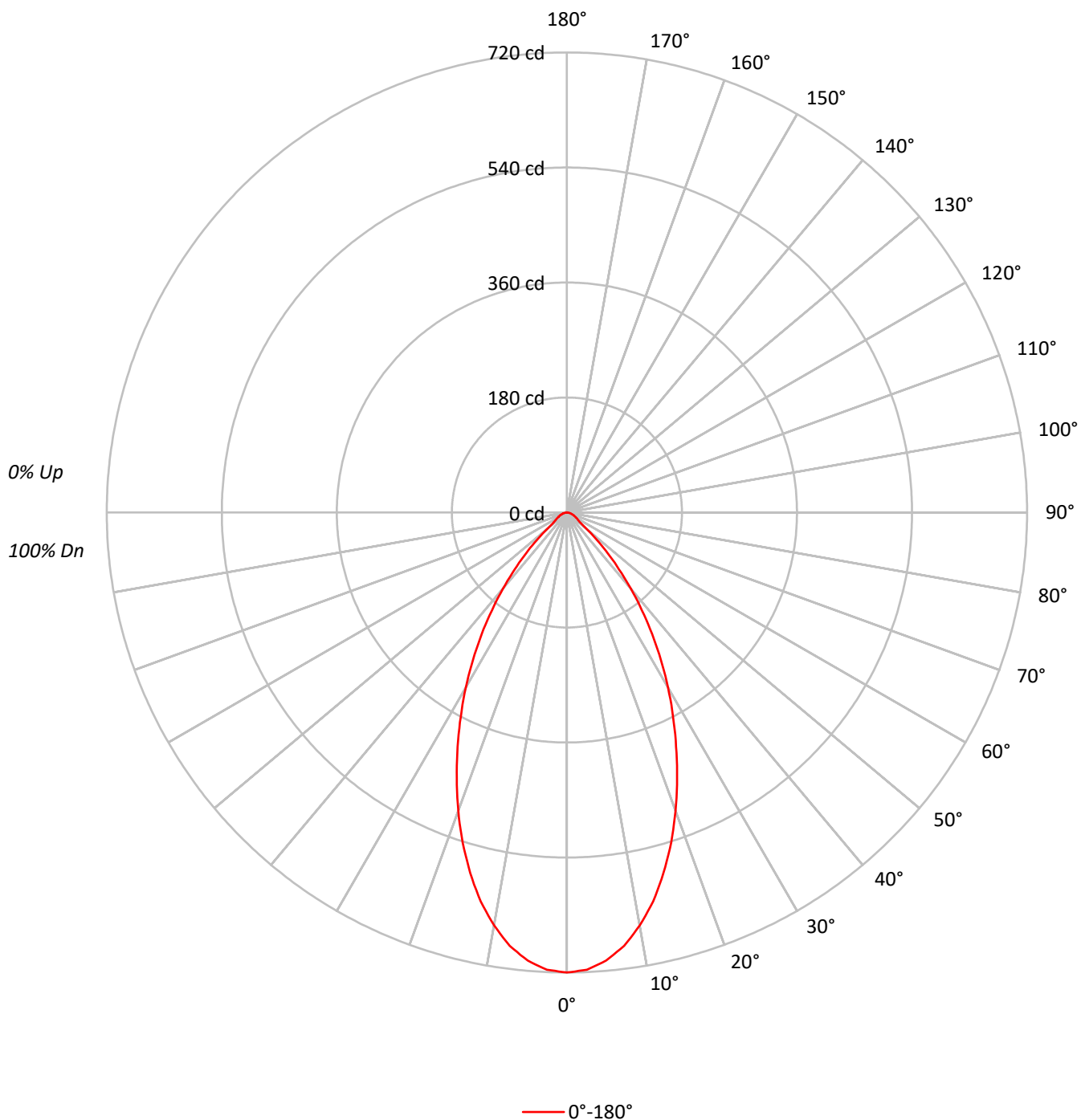
Lumens per Lamp: N/A
Luminaire Lumens: 673.0 lumens
Efficiency: N/A
Efficacy: 23.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	107	104		110	107	105	103		103	101	100		100	98	97		96	95	94
2	106	101	97	93		104	99	95	92		96	93	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	83		89	85	81		87	83	80		84	81	79
4	95	86	80	76		93	85	80	75		83	78	74		81	77	73		79	76	73
5	89	80	74	69		88	79	73	69		78	72	68		76	71	68		74	70	67
6	85	75	68	64		83	74	68	64		73	67	63		71	66	63		70	65	62
7	80	70	64	59		79	69	63	59		68	62	58		67	62	58		66	61	58
8	76	66	59	55		75	65	59	55		64	58	54		63	58	54		62	57	54
9	72	62	55	51		71	61	55	51		60	55	51		59	54	51		58	54	50
10	69	58	52	48		67	58	52	48		57	51	48		56	51	48		55	51	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157860
5°	154963
10°	146112
15°	132623
20°	116000
25°	97844
30°	80114
35°	62158
40°	44483
45°	28158
50°	14055
55°	8602
60°	7412
65°	6797
70°	6027
75°	5592
80°	4672
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28158 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.7	9.8
10°-20°	162.5	24.2
20°-30°	185.1	27.5
30°-40°	144.8	21.5
40°-50°	71.1	10.6
50°-60°	21.9	3.3
60°-70°	13.0	1.9
70°-80°	6.9	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°	413.4	61.4
0°-40°	558.1	82.9
0°-60°	651.1	96.7
0°-90°	673.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	673.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	720	
5°	704	66
15°	584	163
25°	404	185
35°	232	145
45°	91	71
55°	22	22
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	719.9
2.5°	716.2
5°	704.0
7.5°	684.3
10°	656.2
12.5°	623.5
15°	584.2
17.5°	542.0
20°	497.1
22.5°	450.3
25°	404.4
27.5°	359.5
30°	316.4
32.5°	273.4
35°	232.2
37.5°	192.8
40°	155.4
42.5°	120.8
45°	90.8
47.5°	63.7
50°	41.2
52.5°	27.1
55°	22.5
57.5°	19.7
60°	16.9
62.5°	15.0
65°	13.1
67.5°	11.2
70°	9.4
72.5°	7.5
75°	6.6
77.5°	5.6
80°	3.7
82.5°	2.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)