

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: P1253038

Luminaire Tested: P3AS24R309030D010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253038
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R309030D010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

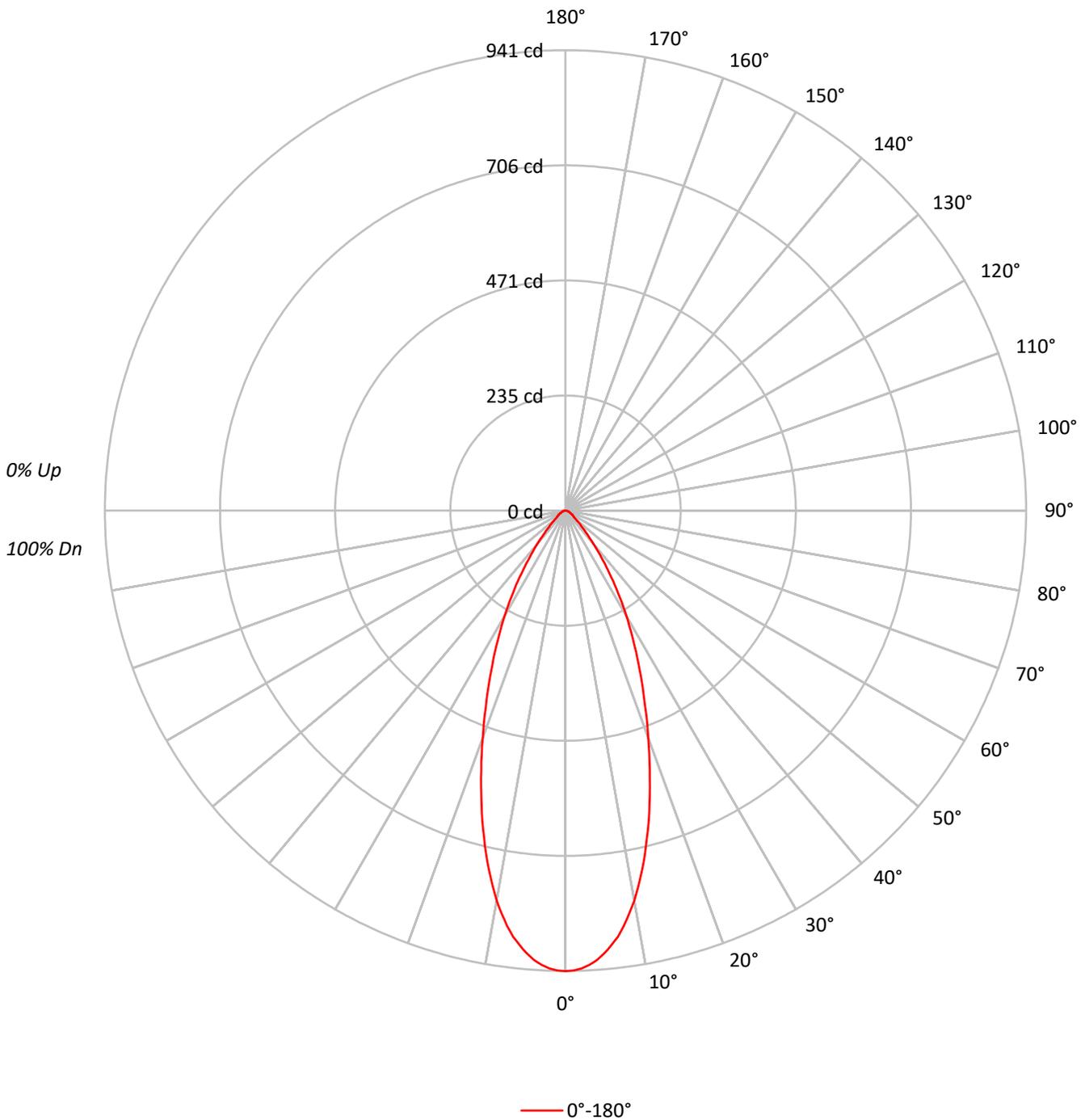
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 604.1 lumens
Efficiency: N/A
Efficacy: 21.0 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80				80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74				74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70				70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65				65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61				61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58				58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55				55
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	206409
5°	199977
10°	180179
15°	149036
20°	115393
25°	86570
30°	62845
35°	41867
40°	25734
45°	15102
50°	9279
55°	7531
60°	6578
65°	5344
70°	4809
75°	4745
80°	3536
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15102 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.6	13.8
10°-20°	180.8	29.9
20°-30°	164.5	27.2
30°-40°	99.5	16.5
40°-50°	39.9	6.6
50°-60°	17.7	2.9
60°-70°	10.7	1.8
70°-80°	5.8	1.0
80°-90°	1.7	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°	428.9	71.0
0°-40°	528.4	87.5
0°-60°	585.9	97.0
0°-90°	604.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	604.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	941	
5°	908	84
15°	656	181
25°	358	165
35°	156	99
45°	49	40
55°	20	18
65°	10	11
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	941.3
1°	940.3
2°	936.6
3°	930.0
4°	920.6
5°	908.5
6°	893.5
7°	877.6
8°	857.0
9°	833.5
10°	809.2
11°	781.1
12°	751.1
13°	721.2
14°	688.4
15°	656.5
17.5°	573.2
20°	494.5
22.5°	421.5
25°	357.8
27.5°	299.7
30°	248.2
32.5°	200.4
35°	156.4
37.5°	119.9
40°	89.9
42.5°	65.6
45°	48.7
47.5°	36.5
50°	27.2
52.5°	21.5
55°	19.7
57.5°	16.9
60°	15.0
62.5°	12.2
65°	10.3
67.5°	9.4
70°	7.5
72.5°	6.6
75°	5.6
77.5°	4.7
80°	2.8
82.5°	1.9
85°	1.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)