

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: P1253146

Luminaire Tested: P3AS24R509030D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253146
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R509030D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

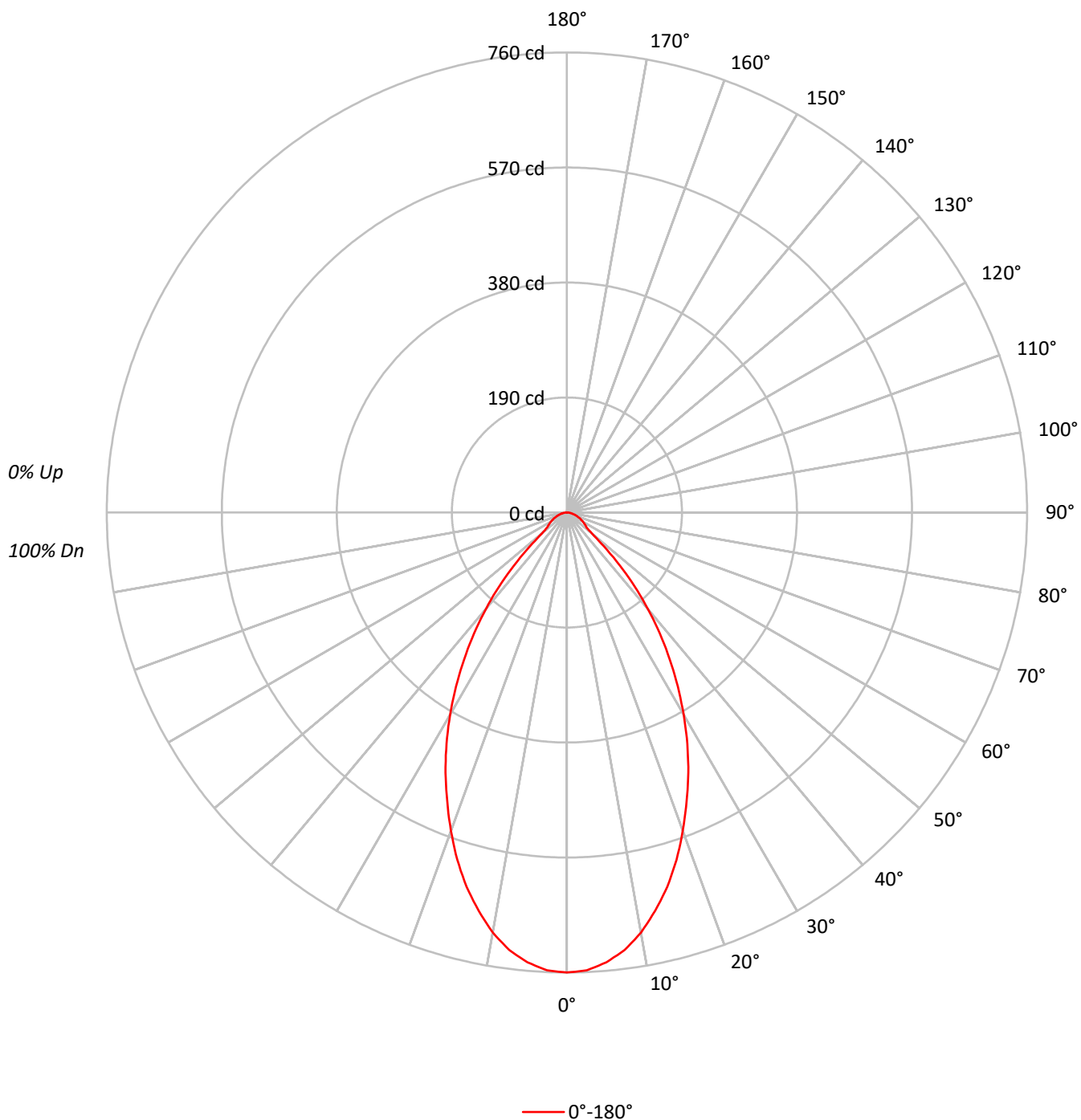
Lumens per Lamp: N/A
Luminaire Lumens: 820.0 lumens
Efficiency: N/A
Efficacy: 28.5 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	166631
5°	164186
10°	156911
15°	145313
20°	130608
25°	114805
30°	97635
35°	79157
40°	59483
45°	38299
50°	18183
55°	14298
60°	13552
65°	12608
70°	11412
75°	10336
80°	9471
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38299 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.9	8.5
10°-20°	178.5	21.8
20°-30°	216.8	26.4
30°-40°	183.9	22.4
40°-50°	95.5	11.7
50°-60°	34.5	4.2
60°-70°	23.8	2.9
70°-80°	13.0	1.6
80°-90°	4.1	0.5
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°	465.2	56.7
0°-40°	649.2	79.2
0°-60°	779.2	95.0
0°-90°	820.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	820.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	760	
5°	746	70
15°	640	178
25°	474	217
35°	296	184
45°	124	96
55°	37	34
65°	24	24
75°	12	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	759.9
2.5°	757.1
5°	745.9
7.5°	729.1
10°	704.7
12.5°	673.8
15°	640.1
17.5°	601.8
20°	559.7
22.5°	516.6
25°	474.5
27.5°	430.5
30°	385.6
32.5°	340.7
35°	295.7
37.5°	251.8
40°	207.8
42.5°	165.7
45°	123.5
47.5°	82.4
50°	53.3
52.5°	41.2
55°	37.4
57.5°	33.7
60°	30.9
62.5°	27.1
65°	24.3
67.5°	20.6
70°	17.8
72.5°	15.0
75°	12.2
77.5°	9.4
80°	7.5
82.5°	5.6
85°	3.7
87.5°	1.9
90°	0.0

(END OF REPORT)