

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: P1258565

Luminaire Tested: P3AS24R509040D010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258565
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: P3AS24R509040D010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

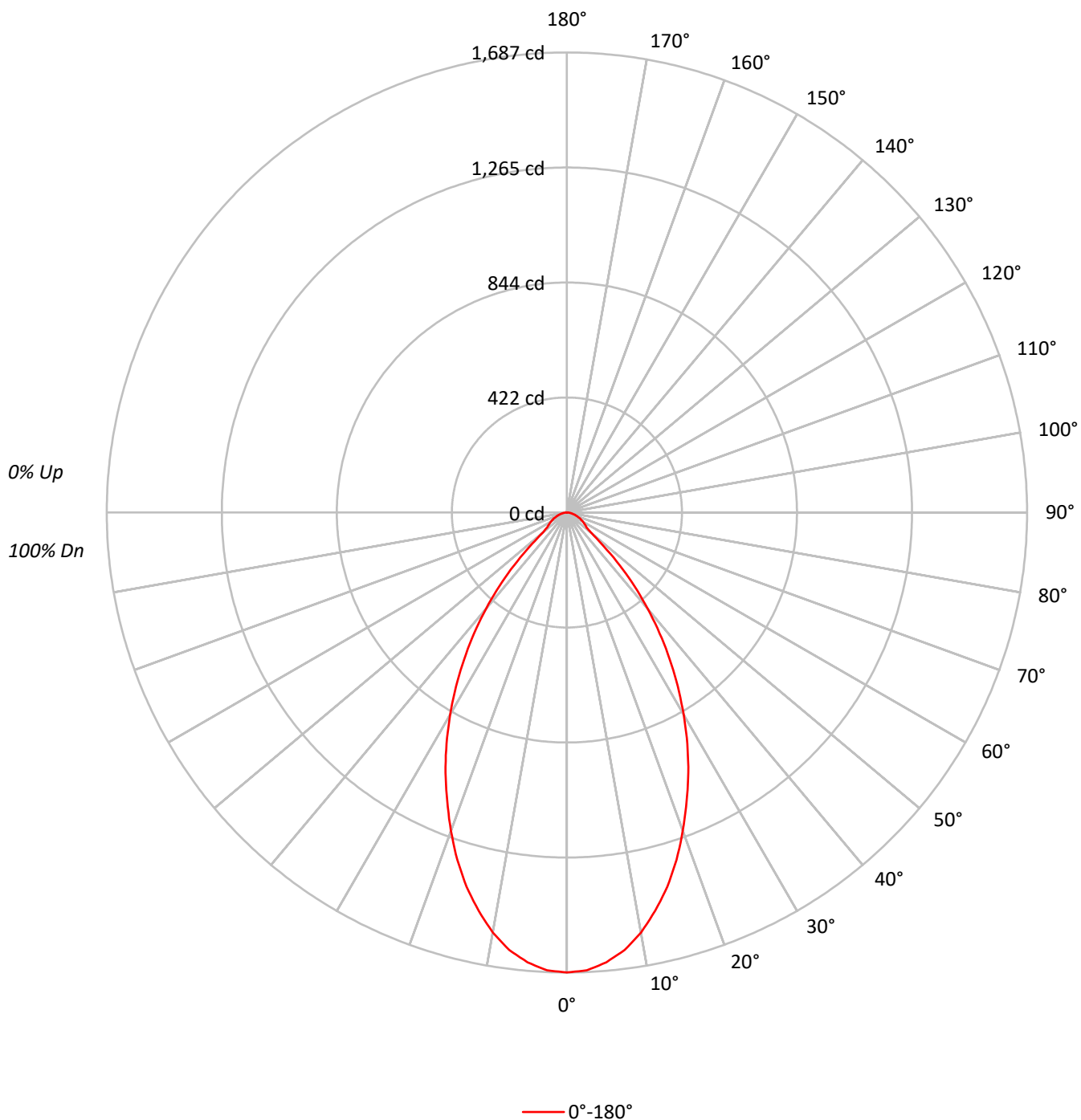
Lumens per Lamp: N/A
Luminaire Lumens: 1820.0 lumens
Efficiency: N/A
Efficacy: 63.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	369861
5°	364406
10°	348268
15°	322544
20°	289872
25°	254797
30°	216692
35°	175713
40°	131990
45°	85032
50°	40391
55°	31769
60°	30041
65°	28019
70°	25325
75°	22875
80°	20962
85°	20882

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 85032 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.2	8.5
10°-20°	396.1	21.8
20°-30°	481.3	26.4
30°-40°	408.2	22.4
40°-50°	212.0	11.7
50°-60°	76.5	4.2
60°-70°	52.9	2.9
70°-80°	28.7	1.6
80°-90°	9.1	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°	1032.6	56.7
0°-40°	1440.8	79.2
0°-60°	1729.3	95.0
0°-90°	1820.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1820.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1687	
5°	1656	155
15°	1421	396
25°	1053	481
35°	656	408
45°	274	212
55°	83	77
65°	54	53
75°	27	29
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1686.7
2.5°	1680.5
5°	1655.5
7.5°	1618.1
10°	1564.1
12.5°	1495.6
15°	1420.8
17.5°	1335.6
20°	1242.2
22.5°	1146.6
25°	1053.1
27.5°	955.5
30°	855.8
32.5°	756.1
35°	656.4
37.5°	558.8
40°	461.1
42.5°	367.7
45°	274.2
47.5°	182.8
50°	118.4
52.5°	91.4
55°	83.1
57.5°	74.8
60°	68.5
62.5°	60.2
65°	54.0
67.5°	45.7
70°	39.5
72.5°	33.2
75°	27.0
77.5°	20.8
80°	16.6
82.5°	12.5
85°	8.3
87.5°	4.2
90°	0.0

(END OF REPORT)