

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: P1253149

Luminaire Tested: P3AS24R509030D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253149
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 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

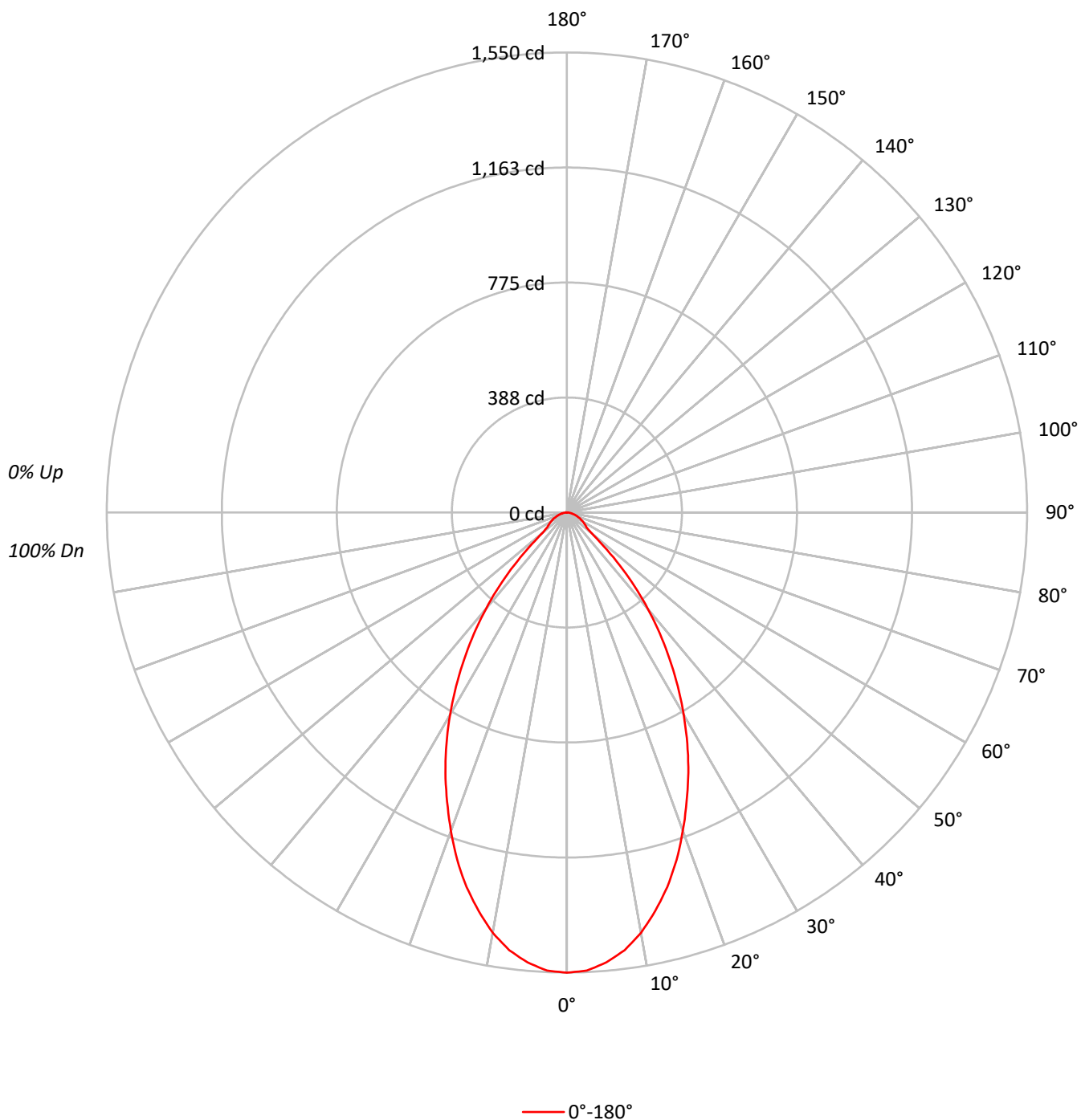
Lumens per Lamp: N/A
Luminaire Lumens: 1673.0 lumens
Efficiency: N/A
Efficacy: 58.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	339995
5°	334976
10°	320145
15°	296506
20°	266443
25°	234231
30°	199195
35°	161526
40°	121342
45°	78148
50°	37116
55°	29208
60°	27629
65°	25736
70°	23273
75°	21011
80°	19321
85°	19121

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 78148 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.6	8.5
10°-20°	364.1	21.8
20°-30°	442.4	26.4
30°-40°	375.2	22.4
40°-50°	194.9	11.6
50°-60°	70.3	4.2
60°-70°	48.6	2.9
70°-80°	26.4	1.6
80°-90°	8.3	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°	949.2	56.7
0°-40°	1324.4	79.2
0°-60°	1589.6	95.0
0°-90°	1673.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1673.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1550	
5°	1522	143
15°	1306	364
25°	968	442
35°	603	375
45°	252	195
55°	76	70
65°	50	49
75°	25	26
85°	8	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1550.5
2.5°	1544.7
5°	1521.8
7.5°	1487.4
10°	1437.8
12.5°	1374.8
15°	1306.1
17.5°	1227.8
20°	1141.8
22.5°	1054.0
25°	968.1
27.5°	878.3
30°	786.7
32.5°	695.0
35°	603.4
37.5°	513.6
40°	423.9
42.5°	338.0
45°	252.0
47.5°	168.0
50°	108.8
52.5°	84.0
55°	76.4
57.5°	68.7
60°	63.0
62.5°	55.4
65°	49.6
67.5°	42.0
70°	36.3
72.5°	30.6
75°	24.8
77.5°	19.1
80°	15.3
82.5°	11.5
85°	7.6
87.5°	3.8
90°	0.0

(END OF REPORT)