

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: P1255849

Luminaire Tested: P3A24R509035D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255849
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R509035D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

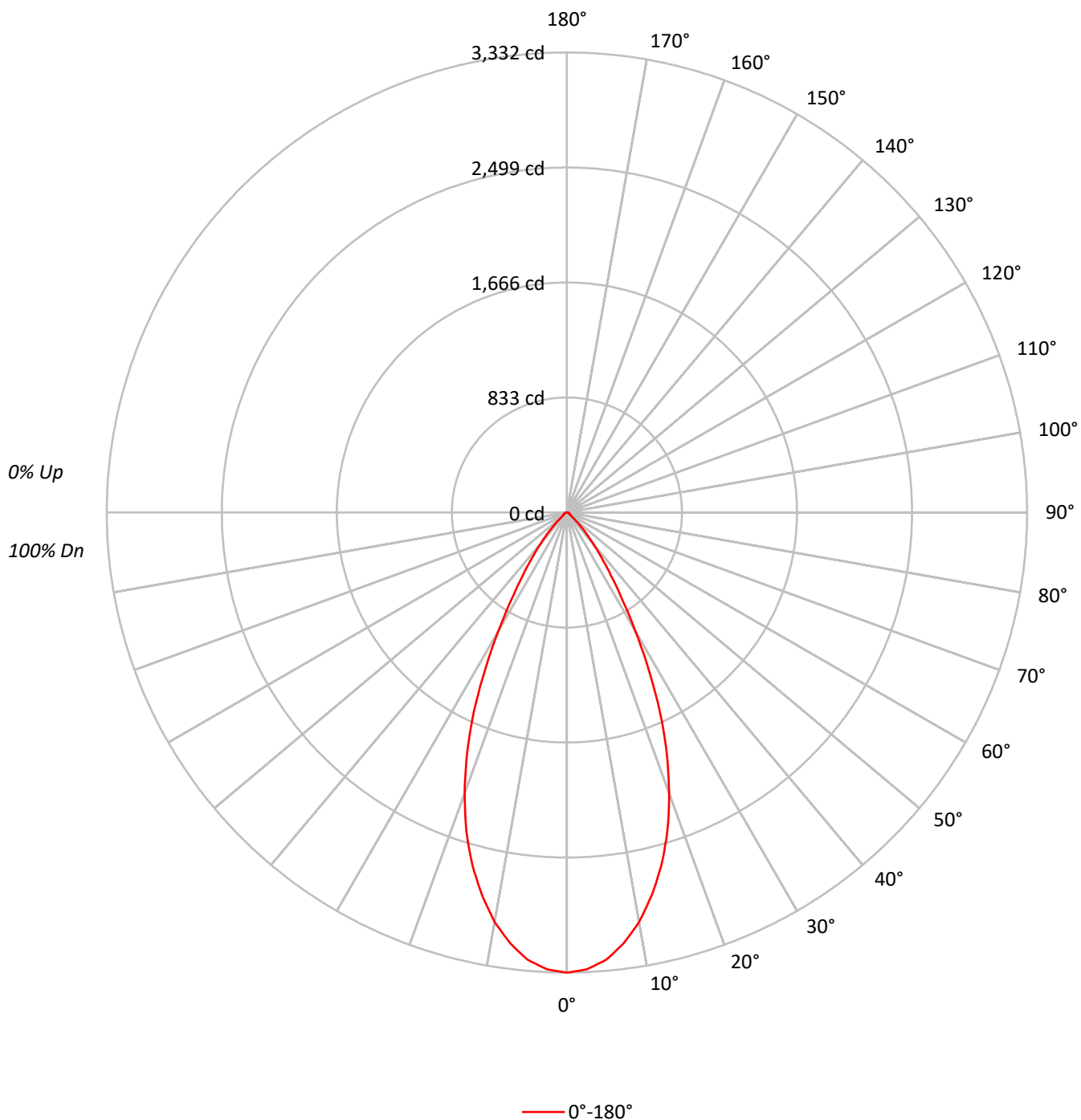
Lumens per Lamp: N/A
Luminaire Lumens: 2295.0 lumens
Efficiency: N/A
Efficacy: 79.7 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1255849

CATALOG NUMBER: P3A24R509035D010 E3DL1LI

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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	730687
5°	715957
10°	670618
15°	600344
20°	505211
25°	385595
30°	250596
35°	148569
40°	85875
45°	43043
50°	15999
55°	12463
60°	11622
65°	10585
70°	10450
75°	10336
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 43043 cd/sqm

TEST NUMBER: P1255849

CATALOG NUMBER: P3A24R509035D010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	302.6	13.2
10°-20°	731.3	31.9
20°-30°	717.5	31.3
30°-40°	361.5	15.7
40°-50°	114.2	5.0
50°-60°	29.6	1.3
60°-70°	20.9	0.9
70°-80°	12.9	0.6
80°-90°	4.4	0.2
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°	1751.4	76.3
0°-40°	2112.9	92.1
0°-60°	2256.7	98.3
0°-90°	2295.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2295.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3332	
5°	3253	303
15°	2644	731
25°	1594	717
35°	555	361
45°	139	114
55°	33	30
65°	20	21
75°	12	13
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	3332.2
2.5°	3311.8
5°	3252.6
7.5°	3146.5
10°	3011.8
12.5°	2838.4
15°	2644.5
17.5°	2420.1
20°	2165.0
22.5°	1889.5
25°	1593.7
27.5°	1279.4
30°	989.7
32.5°	744.8
35°	555.0
37.5°	410.1
40°	300.0
42.5°	212.2
45°	138.8
47.5°	79.6
50°	46.9
52.5°	34.7
55°	32.6
57.5°	28.6
60°	26.5
62.5°	24.5
65°	20.4
67.5°	18.4
70°	16.3
72.5°	14.3
75°	12.2
77.5°	10.2
80°	8.2
82.5°	6.1
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)