

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: P1255891

Luminaire Tested: P3A24R559035D010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255891
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R559035D010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

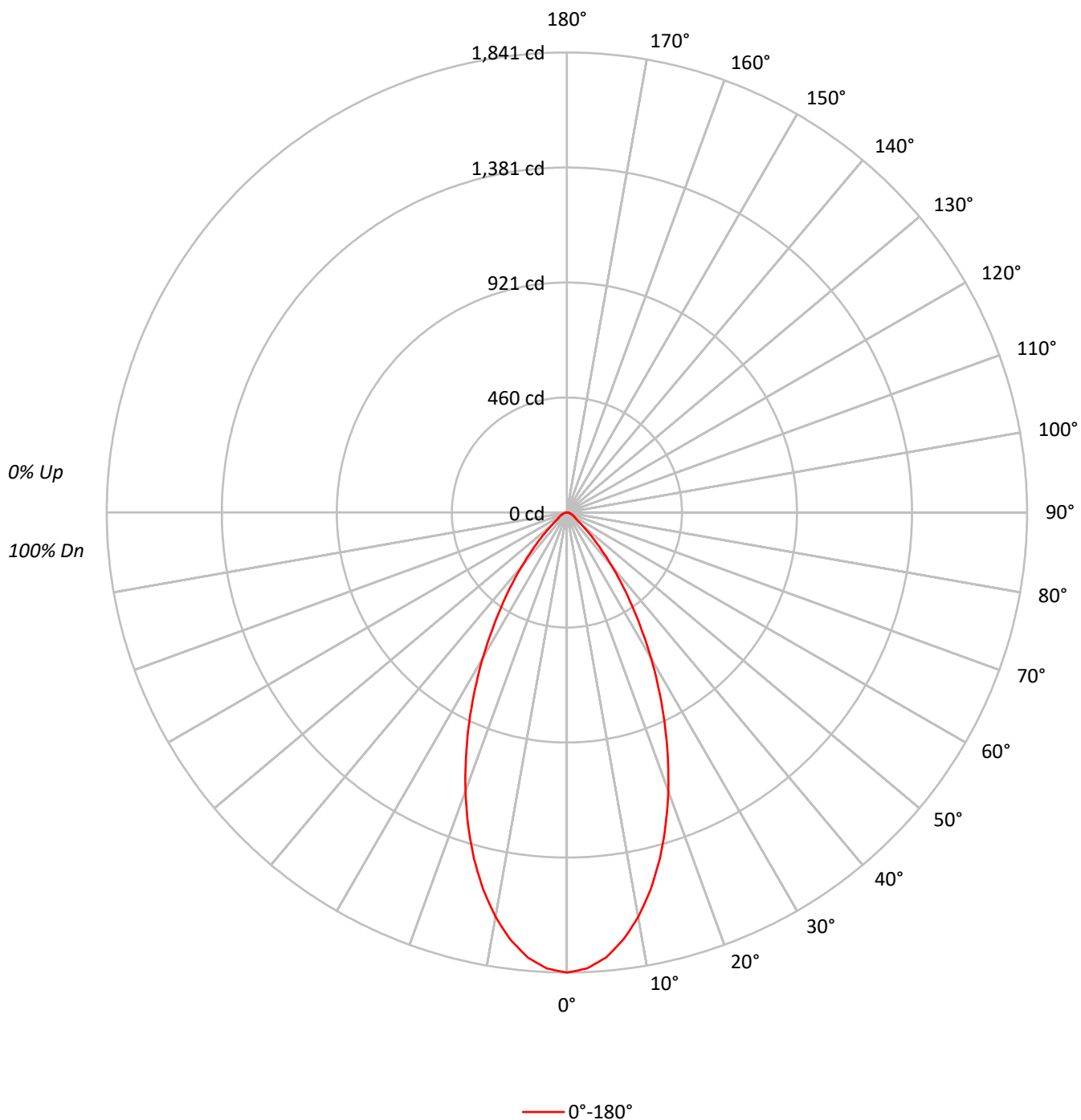
Lumens per Lamp: N/A
Luminaire Lumens: 1484.0 lumens
Efficiency: N/A
Efficacy: 51.5 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		85
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		79
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		67
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		59
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		55
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		52
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	403696
5°	393572
10°	365881
15°	325836
20°	276897
25°	223465
30°	170355
35°	121158
40°	79950
45°	47416
50°	27837
55°	17165
60°	15218
65°	13750
70°	11733
75°	10336
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47416 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.0	11.2
10°-20°	397.9	26.8
20°-30°	421.4	28.4
30°-40°	284.8	19.2
40°-50°	124.8	8.4
50°-60°	44.7	3.0
60°-70°	26.2	1.8
70°-80°	13.7	0.9
80°-90°	4.4	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°	985.4	66.4
0°-40°	1270.2	85.6
0°-60°	1439.7	97.0
0°-90°	1484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1484.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1841	
5°	1788	166
15°	1435	398
25°	924	421
35°	453	285
45°	153	125
55°	45	45
65°	26	26
75°	12	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1841.0
2.5°	1826.7
5°	1788.0
7.5°	1724.8
10°	1643.2
12.5°	1545.4
15°	1435.3
17.5°	1313.0
20°	1186.6
22.5°	1054.0
25°	923.6
27.5°	795.1
30°	672.8
32.5°	556.6
35°	452.6
37.5°	358.8
40°	279.3
42.5°	210.0
45°	152.9
47.5°	112.1
50°	81.6
52.5°	57.1
55°	44.9
57.5°	40.8
60°	34.7
62.5°	30.6
65°	26.5
67.5°	22.4
70°	18.3
72.5°	16.3
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)