

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: P1255736

Luminaire Tested: P3A24R309035D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255736
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R309035D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

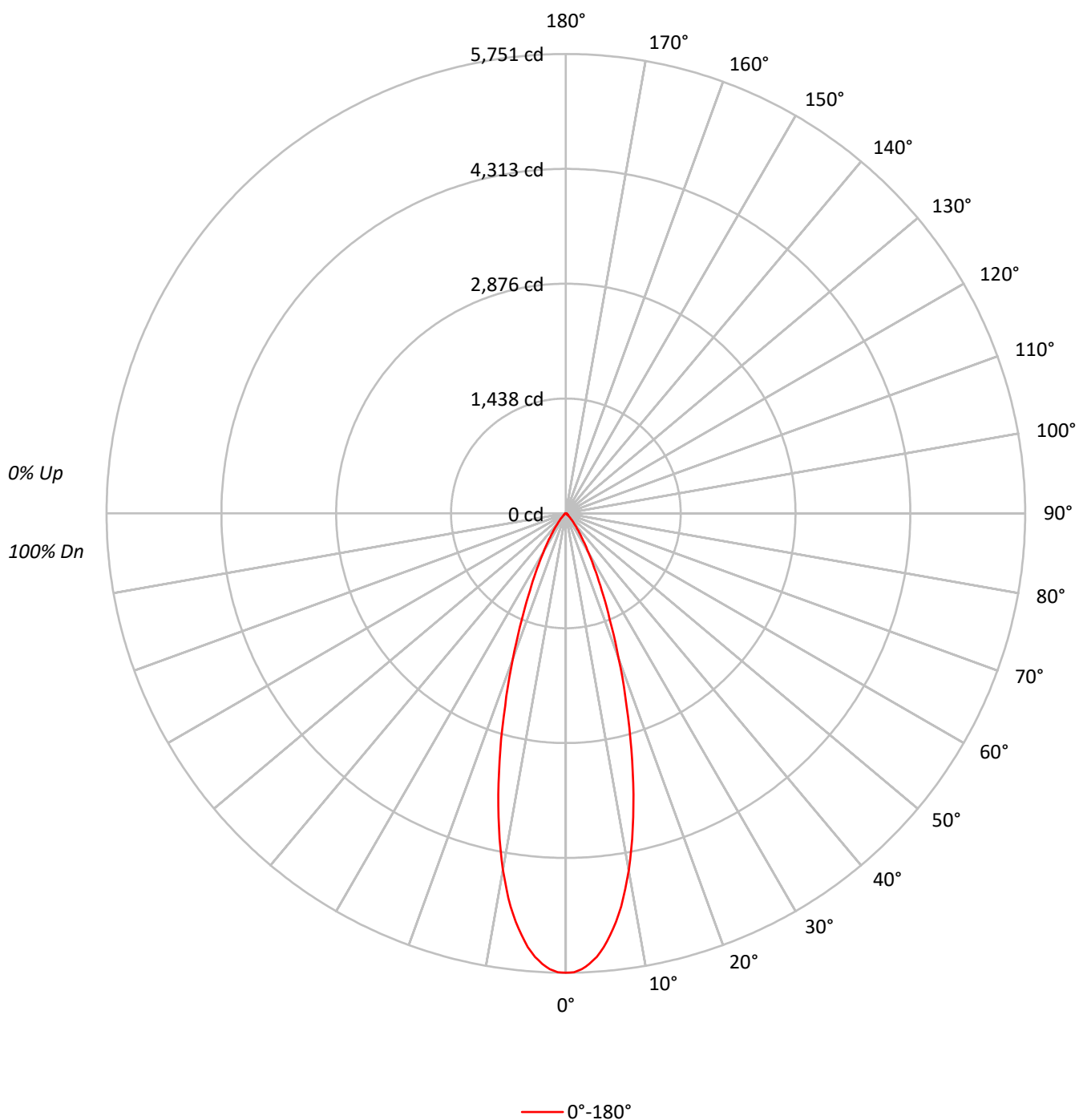
Lumens per Lamp: N/A
Luminaire Lumens: 2161.0 lumens
Efficiency: N/A
Efficacy: 75.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1261017
5°	1200217
10°	1009556
15°	728063
20°	451609
25°	256829
30°	142655
35°	77604
40°	40905
45°	22142
50°	11838
55°	7799
60°	7149
65°	7420
70°	6540
75°	5168
80°	5177
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22142 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	491.0	22.7
10°-20°	872.8	40.4
20°-30°	504.4	23.3
30°-40°	191.4	8.9
40°-50°	58.7	2.7
50°-60°	19.8	0.9
60°-70°	13.4	0.6
70°-80°	7.3	0.3
80°-90°	2.2	0.1
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°	1868.2	86.4
0°-40°	2059.6	95.3
0°-60°	2138.1	98.9
0°-90°	2161.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2161.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5751	
5°	5453	491
15°	3207	873
25°	1062	504
35°	290	191
45°	71	59
55°	20	20
65°	14	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5750.7
1°	5746.6
2°	5711.9
3°	5646.6
4°	5564.9
5°	5452.6
6°	5309.7
7°	5150.5
8°	4972.9
9°	4760.6
10°	4534.0
11°	4289.0
12°	4029.8
13°	3758.2
14°	3482.7
15°	3207.1
17.5°	2529.3
20°	1935.3
22.5°	1435.1
25°	1061.5
27.5°	771.7
30°	563.4
32.5°	406.2
35°	289.9
37.5°	202.1
40°	142.9
42.5°	100.0
45°	71.4
47.5°	49.0
50°	34.7
52.5°	24.5
55°	20.4
57.5°	18.4
60°	16.3
62.5°	14.3
65°	14.3
67.5°	12.2
70°	10.2
72.5°	8.2
75°	6.1
77.5°	6.1
80°	4.1
82.5°	4.1
85°	2.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)