

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: P1250264

Luminaire Tested: P3AS24R209027D010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250264
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209027D010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

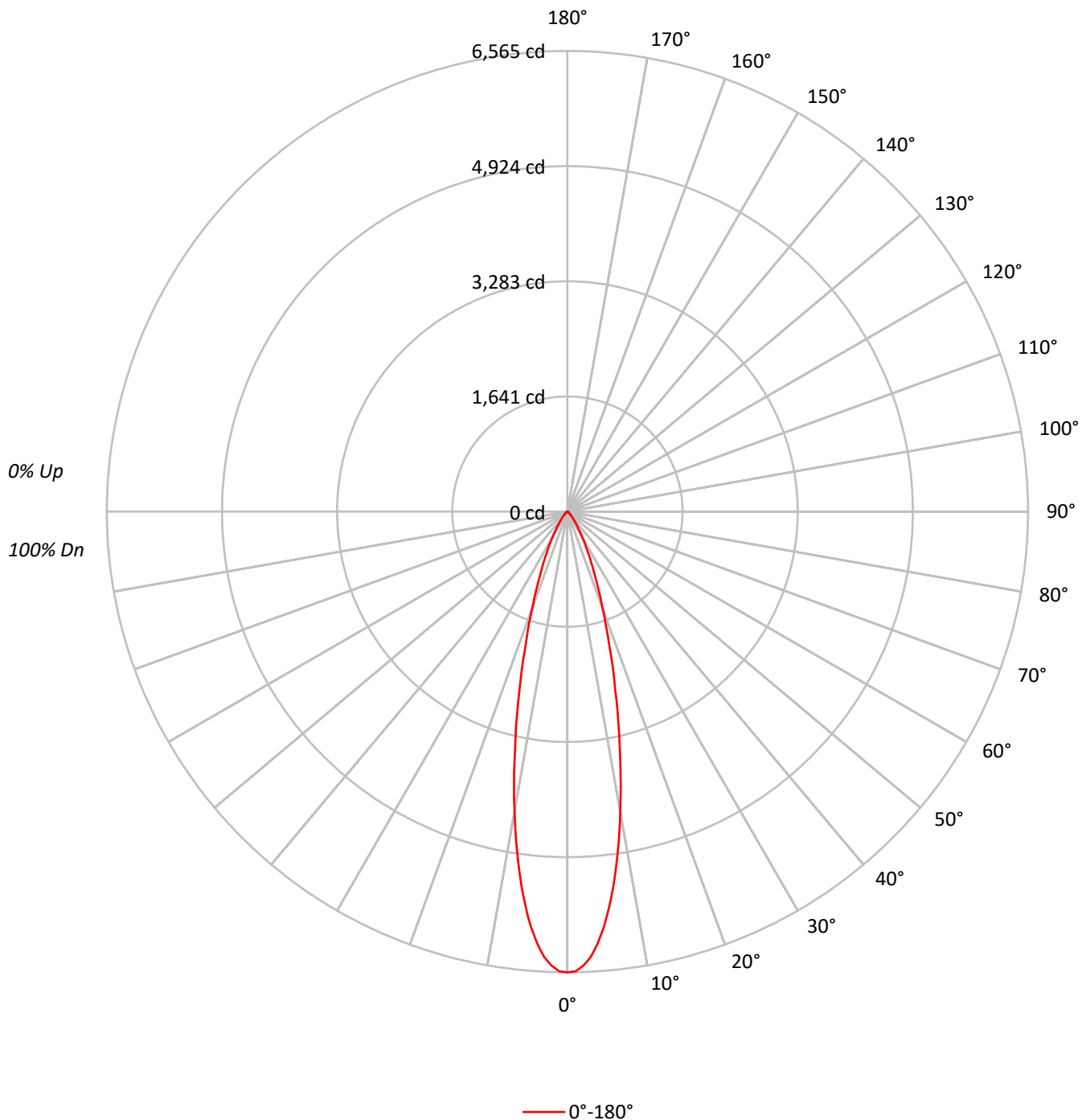
Lumens per Lamp: N/A
Luminaire Lumens: 1871.0 lumens
Efficiency: N/A
Efficacy: 65.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	106	102	100	108	104	101	98	101	98	96		98	96	94		95
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78
9	85	78	73	70	85	77	73	70	77	73	70		76	72	69		75
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1439512
5°	1308559
10°	967116
15°	598255
20°	341653
25°	195035
30°	109384
35°	59508
40°	32604
45°	17924
50°	10473
55°	7608
60°	7149
65°	6590
70°	5770
75°	6100
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17924 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	514.8	27.5
10°-20°	734.9	39.3
20°-30°	383.6	20.5
30°-40°	148.3	7.9
40°-50°	48.1	2.6
50°-60°	19.0	1.0
60°-70°	12.5	0.7
70°-80°	7.4	0.4
80°-90°	2.5	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°	1633.3	87.3
0°-40°	1781.6	95.2
0°-60°	1848.7	98.8
0°-90°	1871.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1871.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6565	
5°	5945	515
15°	2635	735
25°	806	384
35°	222	148
45°	58	48
55°	20	19
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6564.7
1°	6552.1
2°	6474.4
3°	6355.1
4°	6170.7
5°	5944.8
6°	5677.3
7°	5380.8
8°	5037.4
9°	4703.0
10°	4343.4
12.5°	3452.3
15°	2635.3
17.5°	1972.0
20°	1464.1
22.5°	1084.5
25°	806.1
27.5°	594.7
30°	432.0
32.5°	312.7
35°	222.3
37.5°	160.9
40°	113.9
42.5°	81.3
45°	57.8
47.5°	41.6
50°	30.7
52.5°	23.5
55°	19.9
57.5°	18.1
60°	16.3
62.5°	14.5
65°	12.7
67.5°	10.8
70°	9.0
72.5°	9.0
75°	7.2
77.5°	5.4
80°	3.6
82.5°	3.6
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)