

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: P1255580

Luminaire Tested: P3AS20R659035D010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255580
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659035D010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

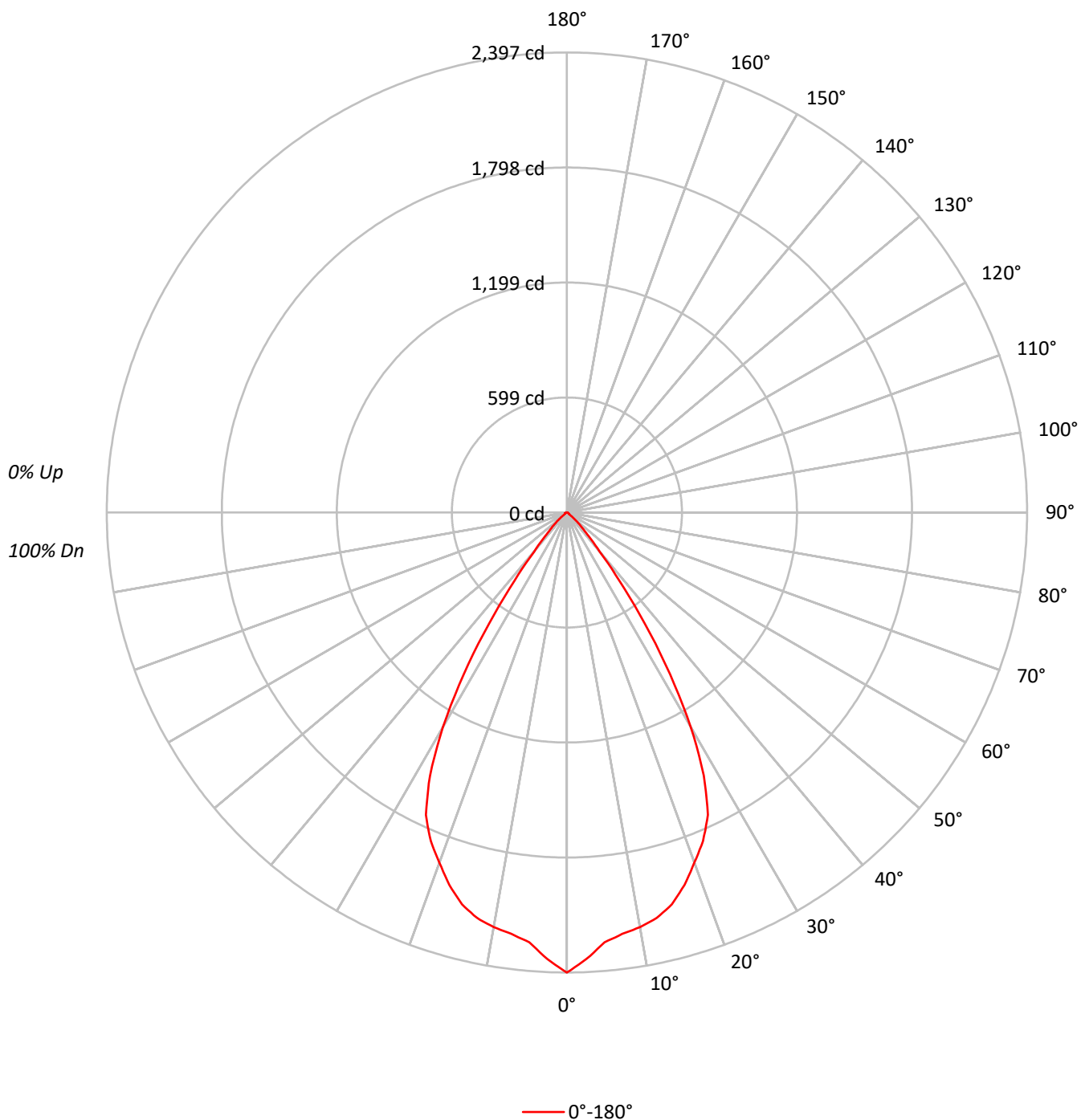
Lumens per Lamp: N/A
Luminaire Lumens: 2151.0 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		88
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	82	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	525660
5°	494738
10°	488457
15°	479821
20°	453033
25°	420484
30°	326835
35°	189071
40°	76200
45°	35073
50°	13646
55°	5314
60°	4561
65°	4514
70°	4488
75°	4406
80°	4420
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35073 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	213.7	9.9
10°-20°	590.2	27.4
20°-30°	772.6	35.9
30°-40°	447.5	20.8
40°-50°	95.8	4.5
50°-60°	15.6	0.7
60°-70°	8.6	0.4
70°-80°	5.1	0.2
80°-90°	1.9	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°	1576.5	73.3
0°-40°	2024.1	94.1
0°-60°	2135.5	99.3
0°-90°	2151.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2151.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2397	
5°	2248	214
15°	2114	590
25°	1738	773
35°	706	448
45°	113	96
55°	14	16
65°	9	9
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2397.2
2.5°	2329.3
5°	2247.6
7.5°	2214.5
10°	2193.7
12.5°	2164.1
15°	2113.6
17.5°	2035.3
20°	1941.4
22.5°	1852.7
25°	1737.9
27.5°	1544.8
30°	1290.8
32.5°	1000.3
35°	706.3
37.5°	447.1
40°	266.2
42.5°	167.0
45°	113.1
47.5°	73.1
50°	40.0
52.5°	19.1
55°	13.9
57.5°	12.2
60°	10.4
62.5°	10.4
65°	8.7
67.5°	7.0
70°	7.0
72.5°	5.2
75°	5.2
77.5°	3.5
80°	3.5
82.5°	1.7
85°	1.7
87.5°	1.7
90°	0.0

(END OF REPORT)