

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: P1260884

Luminaire Tested: P3AS20R659050D010 E3CB1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260884
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: P3AS20R659050D010 E3CB1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 5000K CCT AND, 90CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

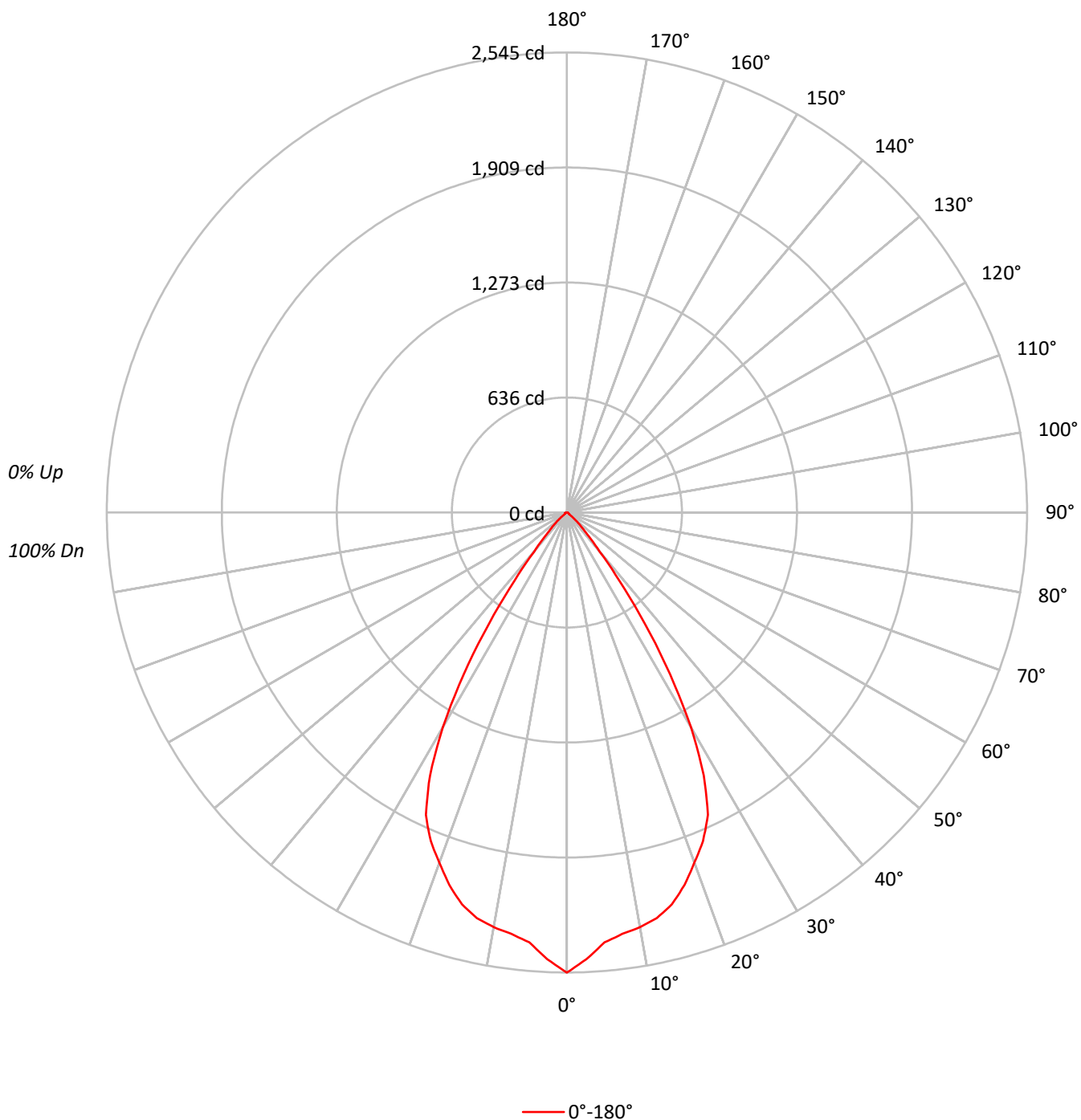
Lumens per Lamp: N/A
Luminaire Lumens: 2283.9 lumens
Efficiency: N/A
Efficacy: 79.3 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	558157
5°	525334
10°	518650
15°	509492
20°	481035
25°	446469
30°	347041
35°	200769
40°	80894
45°	37244
50°	14498
55°	5658
60°	4868
65°	4774
70°	4744
75°	4660
80°	4672
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37244 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.9	9.9
10°-20°	626.7	27.4
20°-30°	820.4	35.9
30°-40°	475.2	20.8
40°-50°	101.7	4.5
50°-60°	16.6	0.7
60°-70°	9.1	0.4
70°-80°	5.3	0.2
80°-90°	2.0	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°	1674.0	73.3
0°-40°	2149.2	94.1
0°-60°	2267.5	99.3
0°-90°	2283.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2283.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2545	
5°	2387	227
15°	2244	627
25°	1845	820
35°	750	475
45°	120	102
55°	15	17
65°	9	9
75°	6	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2545.4
2.5°	2473.4
5°	2386.6
7.5°	2351.5
10°	2329.3
12.5°	2297.9
15°	2244.3
17.5°	2161.2
20°	2061.4
22.5°	1967.2
25°	1845.3
27.5°	1640.3
30°	1370.6
32.5°	1062.1
35°	750.0
37.5°	474.7
40°	282.6
42.5°	177.3
45°	120.1
47.5°	77.6
50°	42.5
52.5°	20.3
55°	14.8
57.5°	12.9
60°	11.1
62.5°	11.1
65°	9.2
67.5°	7.4
70°	7.4
72.5°	5.5
75°	5.5
77.5°	3.7
80°	3.7
82.5°	1.8
85°	1.8
87.5°	1.8
90°	0.0

(END OF REPORT)