

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: P1258261

Luminaire Tested: P3AS20R609040D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258261
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609040D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

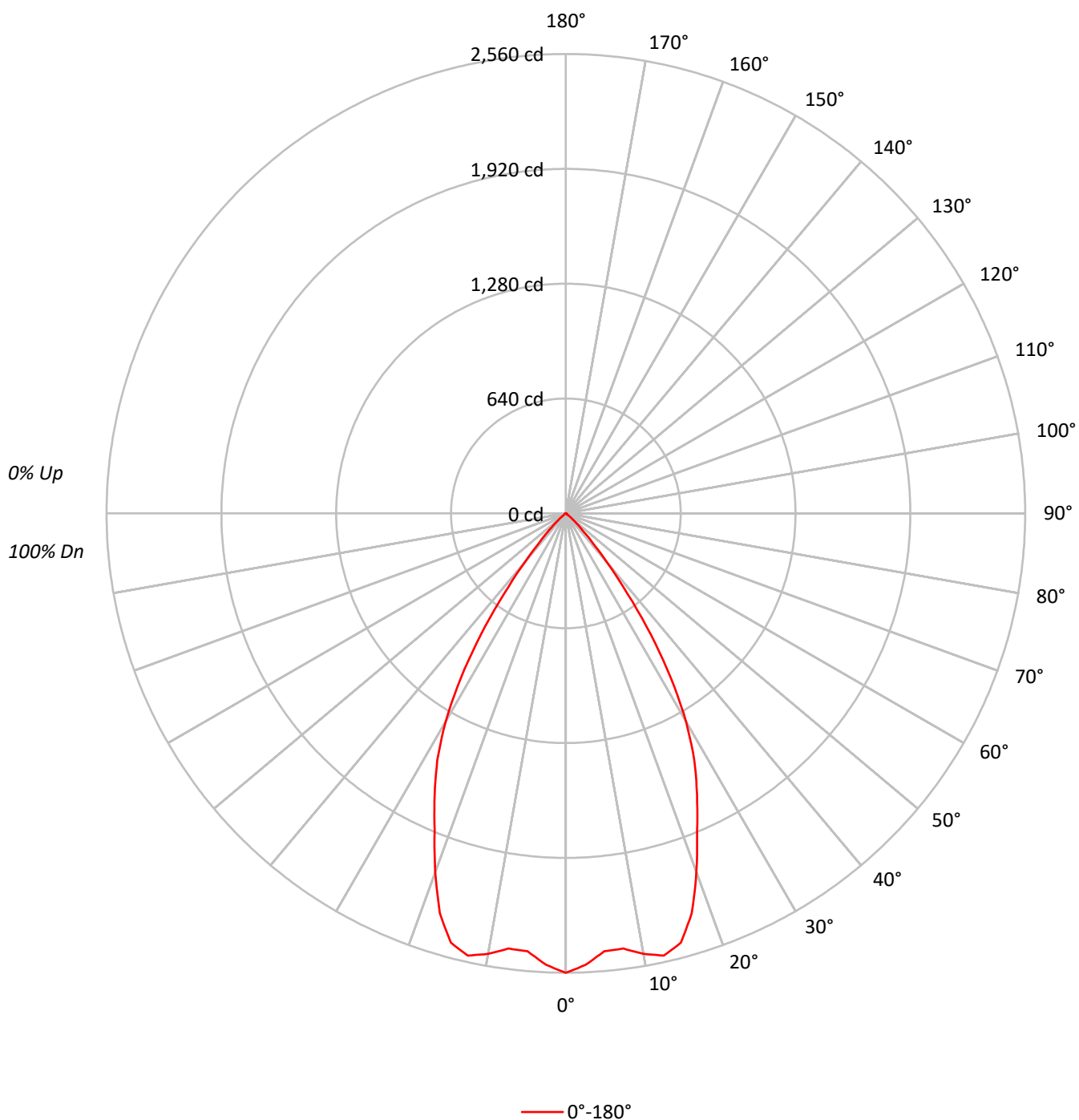
Lumens per Lamp: N/A
Luminaire Lumens: 2351.0 lumens
Efficiency: N/A
Efficacy: 81.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	561402
5°	539136
10°	555078
15°	562228
20°	496460
25°	418379
30°	339318
35°	220980
40°	101504
45°	38919
50°	13032
55°	3479
60°	3201
65°	2854
70°	2308
75°	3050
80°	2273
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38919 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.7	10.0
10°-20°	678.2	28.8
20°-30°	791.0	33.6
30°-40°	510.5	21.7
40°-50°	114.4	4.9
50°-60°	11.4	0.5
60°-70°	5.4	0.2
70°-80°	3.1	0.1
80°-90°	1.2	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°	1705.0	72.5
0°-40°	2215.4	94.2
0°-60°	2341.2	99.6
0°-90°	2351.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2351.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2560	
5°	2449	236
15°	2477	678
25°	1729	791
35°	826	510
45°	126	114
55°	9	11
65°	6	5
75°	4	3
85°	2	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	2560.2
2.5°	2518.4
5°	2449.3
7.5°	2445.7
10°	2492.9
12.5°	2523.8
15°	2476.6
17.5°	2334.7
20°	2127.5
22.5°	1911.1
25°	1729.2
27.5°	1551.0
30°	1340.1
32.5°	1092.8
35°	825.5
37.5°	563.7
40°	354.6
42.5°	212.7
45°	125.5
47.5°	72.7
50°	38.2
52.5°	12.7
55°	9.1
57.5°	7.3
60°	7.3
62.5°	5.5
65°	5.5
67.5°	5.5
70°	3.6
72.5°	3.6
75°	3.6
77.5°	1.8
80°	1.8
82.5°	1.8
85°	1.8
87.5°	0.0
90°	0.0

(END OF REPORT)