

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: P1255588

Luminaire Tested: P3AS20R659035D010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255588
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659035D010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

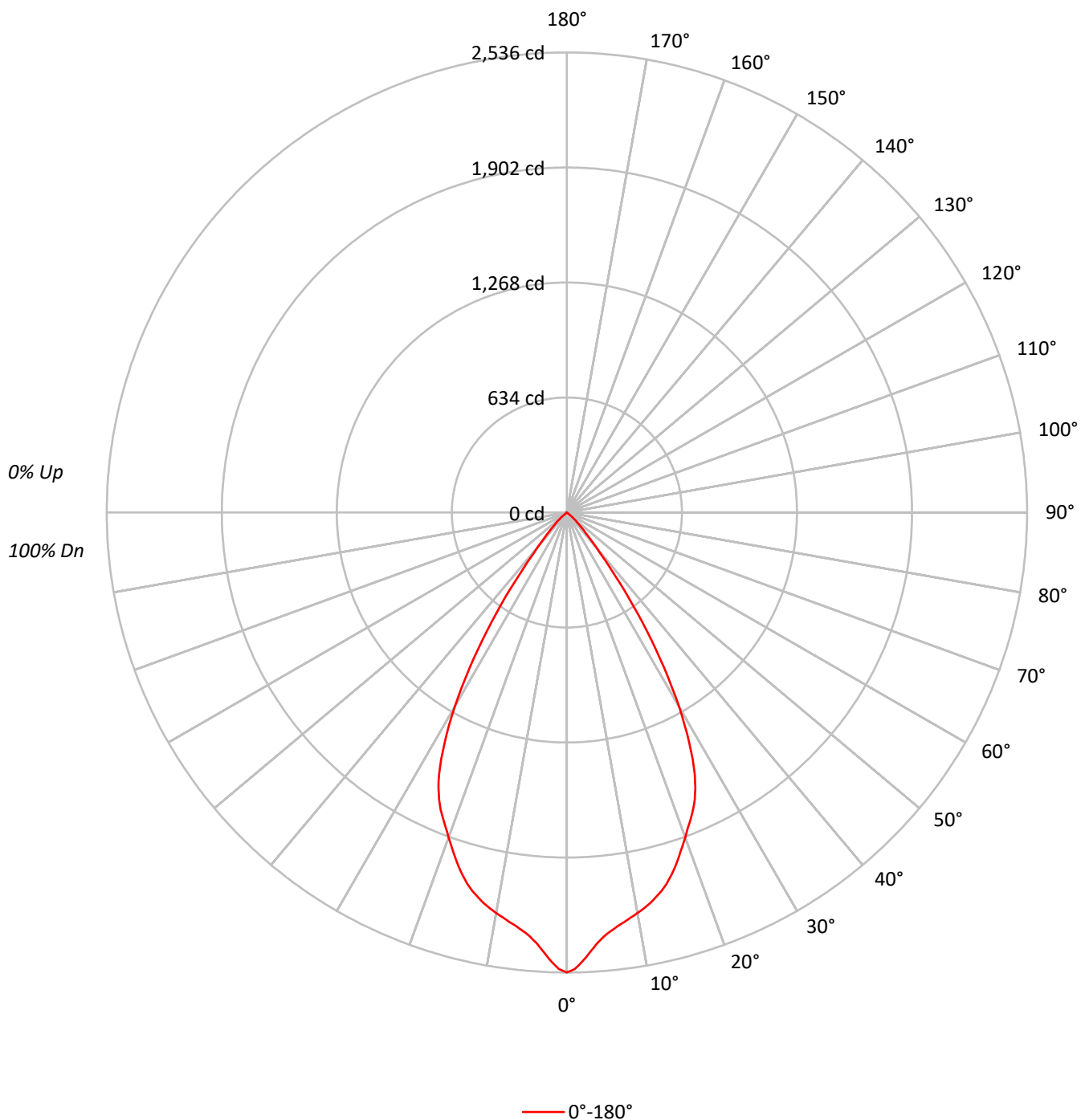
Lumens per Lamp: N/A
Luminaire Lumens: 2075.0 lumens
Efficiency: N/A
Efficacy: 72.0 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	556008
5°	516265
10°	499256
15°	481138
20°	444819
25°	405290
30°	313137
35°	181495
40°	72021
45°	30670
50°	7266
55°	994
60°	746
65°	467
70°	577
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30670 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.2	10.7
10°-20°	590.5	28.5
20°-30°	747.4	36.0
30°-40°	425.6	20.5
40°-50°	84.6	4.1
50°-60°	4.4	0.2
60°-70°	1.2	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	1559.2	75.1
0°-40°	1984.8	95.7
0°-60°	2073.7	99.9
0°-90°	2075.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2075.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2536	
5°	2345	221
15°	2119	591
25°	1675	747
35°	678	426
45°	99	85
55°	3	4
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2535.6
1°	2516.8
2°	2475.9
3°	2428.1
4°	2381.2
5°	2345.4
6°	2319.0
7°	2297.7
8°	2278.9
9°	2260.1
10°	2242.2
11°	2222.6
12°	2202.1
13°	2177.4
14°	2151.0
15°	2119.4
16°	2081.9
17°	2040.9
18°	1996.6
19°	1949.7
20°	1906.2
21°	1861.8
22°	1821.7
23°	1780.0
24°	1731.3
25°	1675.1
26°	1607.7
27°	1526.7
28°	1435.4
29°	1338.2
30°	1236.7
31°	1124.9
32°	1014.1
32.5°	956.9
33°	901.5
34°	788.9
35°	678.0
36°	575.7
37°	474.2
37.5°	422.2
38°	380.4
39°	307.9
40°	251.6
42.5°	155.2
45°	98.9

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	58.0
50°	21.3
52.5°	4.3
55°	2.6
57.5°	1.7
60°	1.7
62.5°	1.7
65°	0.9
67.5°	0.9
70°	0.9
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)