

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: P1254666

Luminaire Tested: P3AS13R309035DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254666
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309035DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

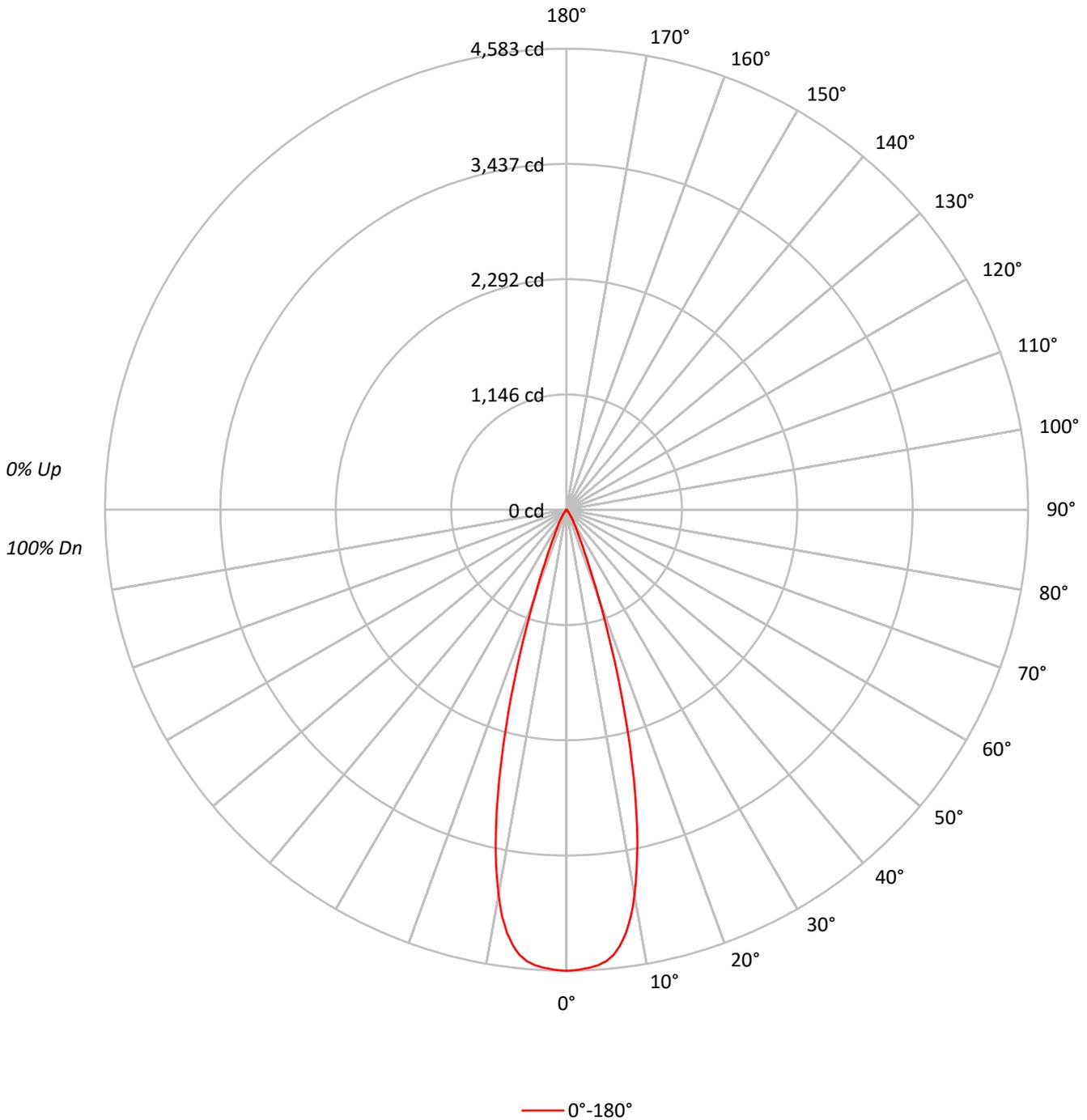
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1263.0 lumens
Efficiency: N/A
Efficacy: 86.5 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	94
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	89	88	90
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	86	85	88
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	83	82	85
6	99	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	82	81	80	82
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	79	78	80
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	77	76	78
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	75	74	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	73	72	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1004876
5°	991787
10°	865916
15°	550378
20°	218069
25°	72827
30°	33879
35°	15366
40°	5897
45°	2884
50°	853
55°	382
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2884 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	411.9	32.6
10°-20°	638.8	50.6
20°-30°	164.7	13.0
30°-40°	38.7	3.1
40°-50°	7.5	0.6
50°-60°	0.9	0.1
60°-70°	0.4	0.0
70°-80°	0.0	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°	1215.5	96.2
0°-40°	1254.2	99.3
0°-60°	1262.6	100.0
0°-90°	1263.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1263.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4583	
5°	4506	412
15°	2424	639
25°	301	165
35°	57	39
45°	9	8
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4582.6
1°	4579.2
2°	4568.4
3°	4556.2
4°	4538.0
5°	4505.7
6°	4453.2
7°	4365.9
8°	4246.8
9°	4091.4
10°	3888.9
11°	3648.2
12°	3385.4
13°	3082.9
14°	2766.1
15°	2424.4
16°	2089.6
17°	1767.0
18°	1457.6
19°	1173.7
20°	934.5
21°	735.4
22°	578.5
23°	457.9
24°	366.7
25°	301.0
26°	251.0
27°	213.3
28°	184.3
29°	157.9
30°	133.8
32.5°	84.3
35°	57.4
37.5°	35.8
40°	20.6
42.5°	13.7
45°	9.3
47.5°	5.4
50°	2.5
52.5°	1.0
55°	1.0
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.5
70°	0.0
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)