

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: P1254892

Luminaire Tested: P3AS13R709035DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254892
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709035DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

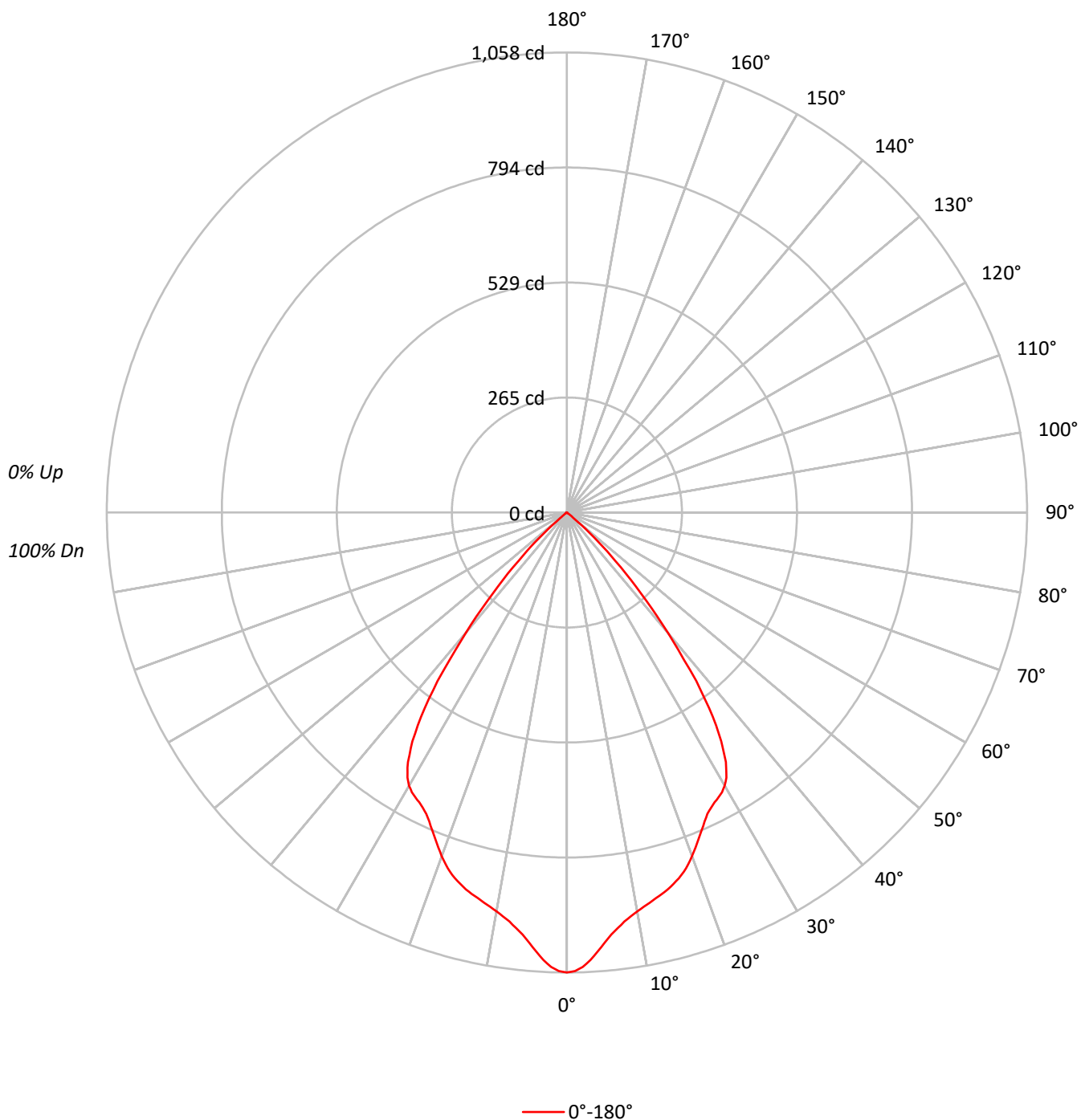
Lumens per Lamp: N/A
Luminaire Lumens: 1193.1 lumens
Efficiency: N/A
Efficacy: 81.7 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		86
4	95	87	81	77	94	86	81	77	84	79	76		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	63	59	68	63	59		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		55	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	231977
5°	218732
10°	207411
15°	203679
20°	196320
25°	185067
30°	183750
35°	160026
40°	103508
45°	48935
50°	6857
55°	573
60°	439
65°	519
70°	321
75°	424
80°	631
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48935 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.8	7.8
10°-20°	251.9	21.1
20°-30°	356.4	29.9
30°-40°	358.2	30.0
40°-50°	128.8	10.8
50°-60°	3.5	0.3
60°-70°	0.8	0.1
70°-80°	0.5	0.0
80°-90°	0.1	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°	701.2	58.8
0°-40°	1059.4	88.8
0°-60°	1191.7	99.9
0°-90°	1193.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1193.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1058	
5°	994	93
15°	897	252
25°	765	356
35°	598	358
45°	158	129
55°	2	3
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1057.9
1°	1054.9
2°	1045.6
3°	1030.9
4°	1012.3
5°	993.7
6°	976.0
7°	962.3
8°	950.1
9°	940.3
10°	931.5
11°	924.1
12°	917.2
13°	910.4
14°	904.0
15°	897.2
16°	888.8
17°	880.0
18°	869.2
19°	856.0
20°	841.3
21°	825.1
22°	809.0
23°	793.3
24°	778.1
25°	764.9
26°	755.6
27°	748.2
28°	742.3
29°	735.5
30°	725.7
31°	711.5
32°	691.4
32.5°	680.1
33°	664.9
34°	635.0
35°	597.8
36°	556.6
37°	510.1
37.5°	488.5
38°	459.1
39°	406.7
40°	361.6
42.5°	250.4
45°	157.8

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	84.8
50°	20.1
52.5°	2.4
55°	1.5
57.5°	1.5
60°	1.0
62.5°	1.0
65°	1.0
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.5
77.5°	0.5
80°	0.5
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)