

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: P1257289

Luminaire Tested: P3AS13R159040DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257289
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R159040DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

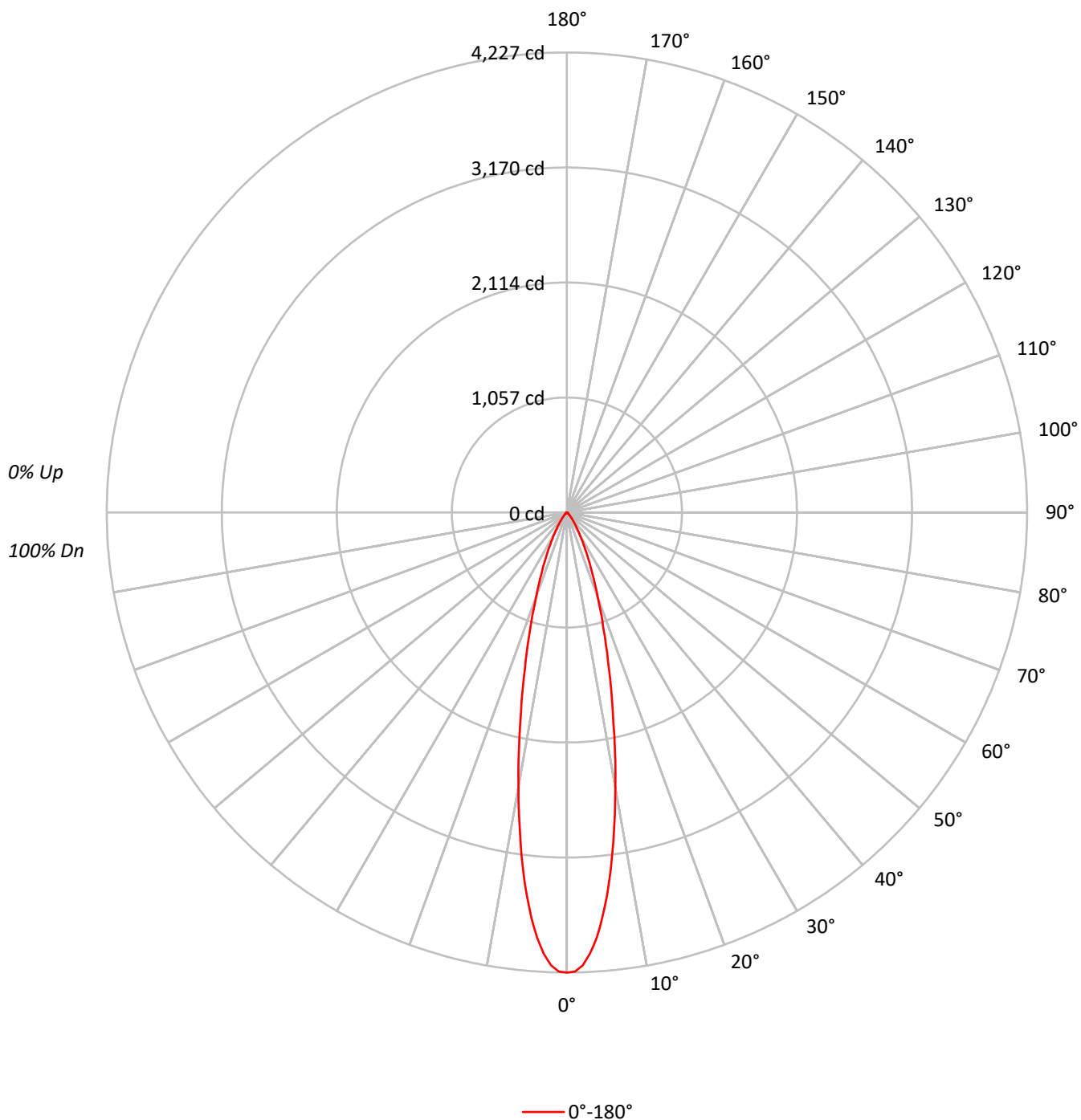
Lumens per Lamp: N/A
Luminaire Lumens: 1085.0 lumens
Efficiency: N/A
Efficacy: 74.3 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	926877
5°	822736
10°	571354
15°	337891
20°	192447
25°	110014
30°	60870
35°	32444
40°	17948
45°	9737
50°	6072
55°	4779
60°	4122
65°	3788
70°	3334
75°	3558
80°	2652
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9737 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	317.8	29.3
10°-20°	419.5	38.7
20°-30°	216.0	19.9
30°-40°	81.1	7.5
40°-50°	26.5	2.4
50°-60°	11.4	1.1
60°-70°	7.2	0.7
70°-80°	4.3	0.4
80°-90°	1.1	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°	953.3	87.9
0°-40°	1034.4	95.3
0°-60°	1072.4	98.8
0°-90°	1085.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1085.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4227	
5°	3738	318
15°	1488	419
25°	455	216
35°	121	81
45°	31	27
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4226.9
1°	4218.5
2°	4163.1
3°	4057.6
4°	3918.5
5°	3737.7
6°	3532.9
7°	3308.1
8°	3058.3
9°	2811.7
10°	2566.0
12.5°	1974.4
15°	1488.4
17.5°	1114.2
20°	824.7
22.5°	615.6
25°	454.7
27.5°	331.3
30°	240.4
32.5°	170.4
35°	121.2
37.5°	86.8
40°	62.7
42.5°	44.9
45°	31.4
47.5°	23.0
50°	17.8
52.5°	14.6
55°	12.5
57.5°	10.5
60°	9.4
62.5°	8.4
65°	7.3
67.5°	6.3
70°	5.2
72.5°	5.2
75°	4.2
77.5°	3.1
80°	2.1
82.5°	2.1
85°	1.0
87.5°	0.0
90°	0.0

(END OF REPORT)