

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: P1271921

Luminaire Tested: P3AS13R259827DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271921
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259827DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

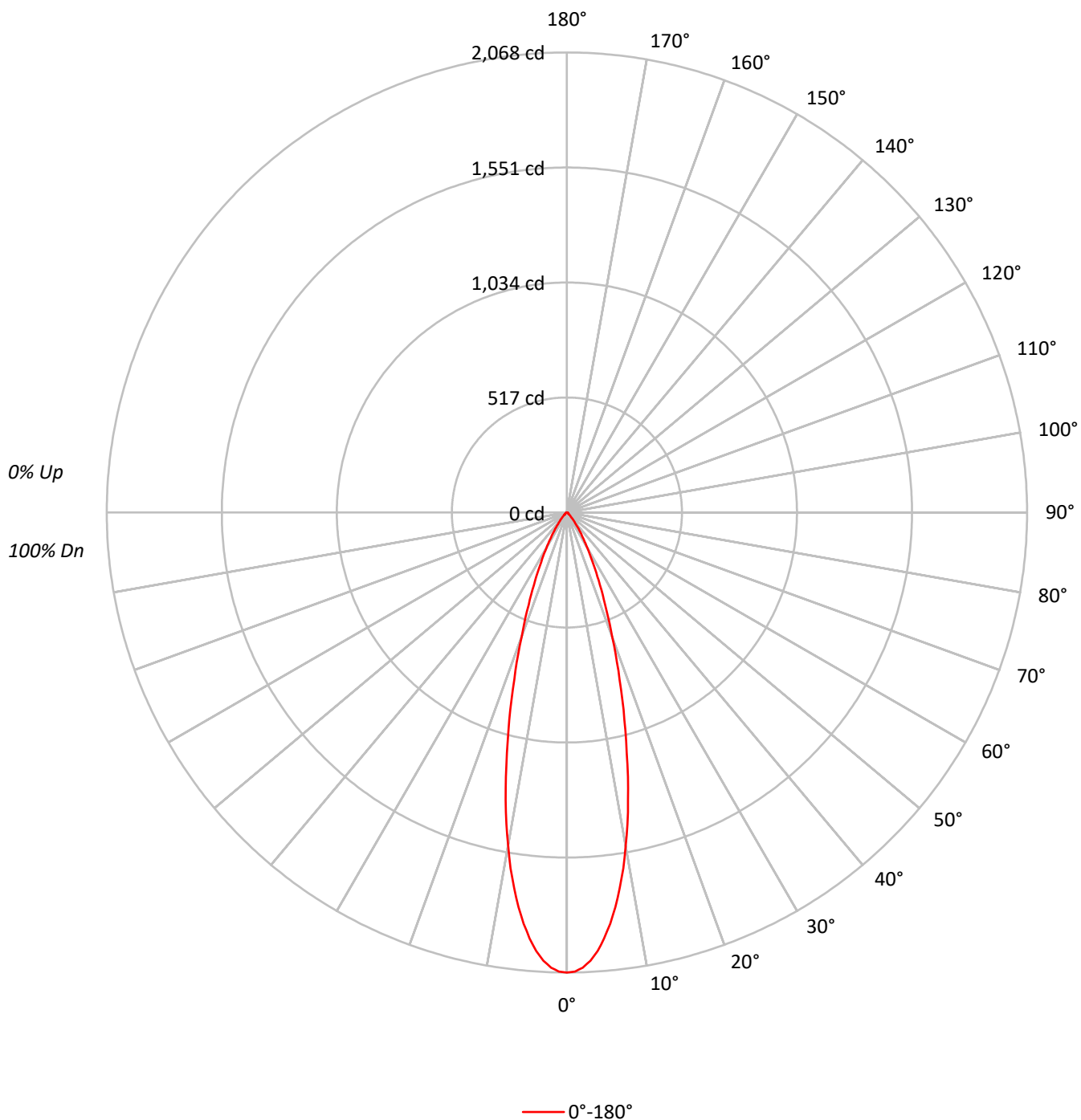
Lumens per Lamp: N/A
Luminaire Lumens: 707.1 lumens
Efficiency: N/A
Efficacy: 48.8 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	453516
5°	423111
10°	338961
15°	230081
20°	139219
25°	81416
30°	46362
35°	25511
40°	13540
45°	7133
50°	4162
55°	3097
60°	2675
65°	2802
70°	2629
75°	2288
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7133 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.6	24.1
10°-20°	278.6	39.4
20°-30°	159.2	22.5
30°-40°	62.8	8.9
40°-50°	19.3	2.7
50°-60°	7.6	1.1
60°-70°	5.1	0.7
70°-80°	2.9	0.4
80°-90°	1.0	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°	608.4	86.1
0°-40°	671.3	94.9
0°-60°	698.1	98.7
0°-90°	707.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	707.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2068	
5°	1922	171
15°	1014	279
25°	336	159
35°	95	63
45°	23	19
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2068.2
1°	2064.1
2°	2047.2
3°	2017.5
4°	1976.3
5°	1922.2
6°	1858.7
7°	1787.1
8°	1704.0
9°	1618.9
10°	1522.3
11°	1427.0
12°	1322.3
13°	1218.9
14°	1112.8
15°	1013.5
17.5°	785.8
20°	596.6
22.5°	448.0
25°	336.5
27.5°	249.3
30°	183.1
32.5°	132.4
35°	95.3
37.5°	67.6
40°	47.3
42.5°	32.4
45°	23.0
47.5°	16.2
50°	12.2
52.5°	9.5
55°	8.1
57.5°	7.4
60°	6.1
62.5°	5.4
65°	5.4
67.5°	4.7
70°	4.1
72.5°	3.4
75°	2.7
77.5°	2.0
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)