

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: P1246856

Luminaire Tested: P3A13R259024DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246856
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259024DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

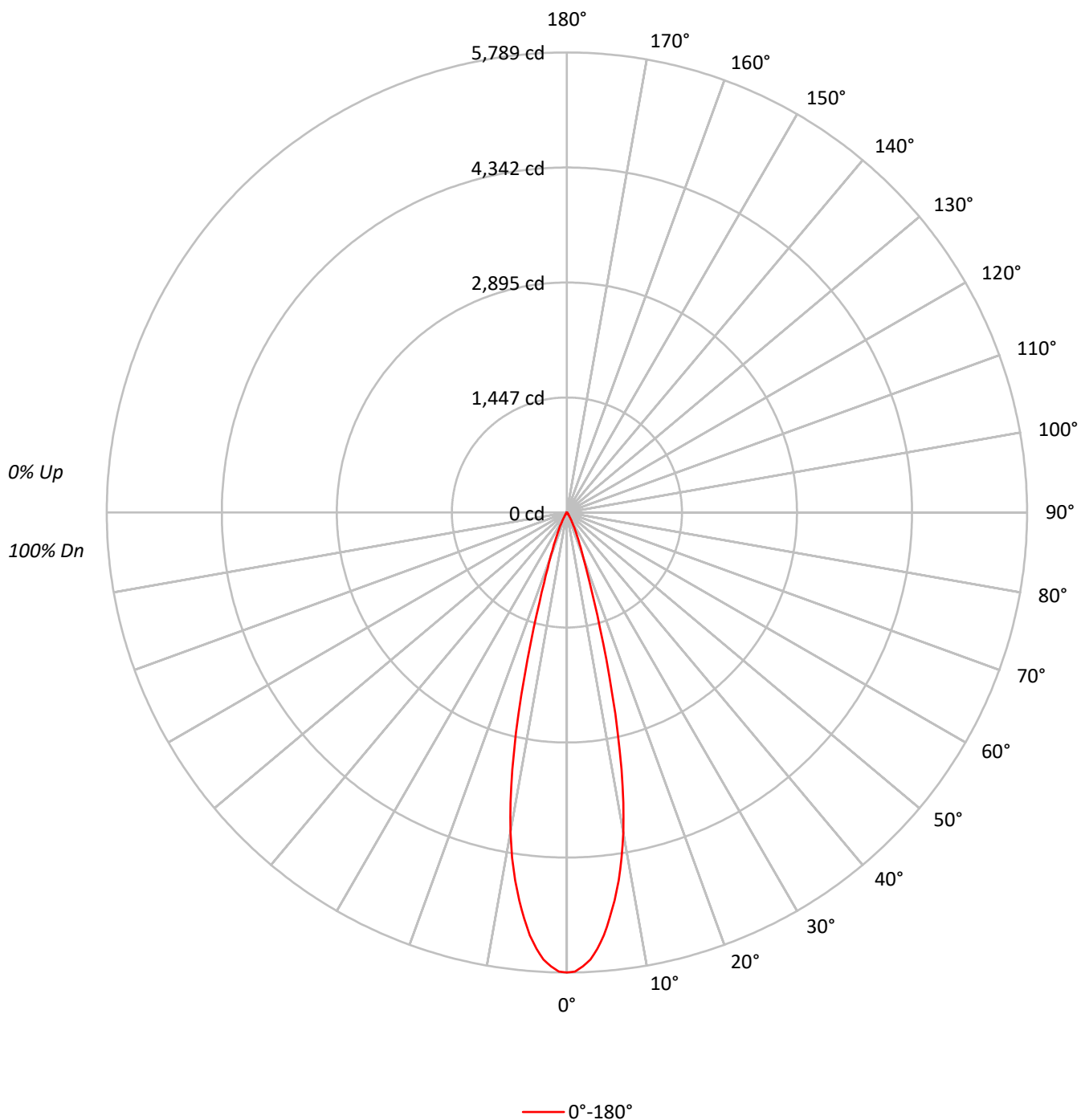
Lumens per Lamp: N/A
Luminaire Lumens: 1159.0 lumens
Efficiency: N/A
Efficacy: 79.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	110		113	111	110	108		107	106	105		104	103	102		100	99	99
2	112	108	106	103		110	107	104	102		104	102	100		101	99	98		98	97	96
3	109	104	101	98		107	103	100	97		100	98	96		98	96	94		96	94	93
4	106	101	97	94		104	100	96	94		98	95	92		96	93	91		94	92	90
5	103	97	93	91		101	96	93	90		95	92	90		93	91	89		92	90	88
6	100	94	90	88		99	94	90	87		92	89	87		91	88	86		90	88	86
7	98	92	88	85		97	91	87	85		90	87	84		89	86	84		88	86	84
8	95	89	85	83		94	89	85	83		88	85	82		87	84	82		86	84	82
9	93	87	83	81		92	86	83	80		86	83	80		85	82	80		84	82	80
10	91	85	81	79		90	84	81	79		84	81	78		83	80	78		83	80	78

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1269328
5°	1175850
10°	909758
15°	434531
20°	143256
25°	60391
30°	23396
35°	10119
40°	3378
45°	1551
50°	580
55°	306
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1551 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	469.5	40.5
10°-20°	534.0	46.1
20°-30°	124.1	10.7
30°-40°	26.0	2.2
40°-50°	4.2	0.4
50°-60°	0.7	0.1
60°-70°	0.3	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°	1127.7	97.3
0°-40°	1153.7	99.5
0°-60°	1158.6	100.0
0°-90°	1159.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1159.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5789	
5°	5342	470
15°	1914	534
25°	250	124
35°	38	26
45°	5	4
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	5788.6
1°	5776.8
2°	5716.7
3°	5632.2
4°	5503.2
5°	5341.9
6°	5134.7
7°	4917.9
8°	4674.6
9°	4400.2
10°	4085.8
11°	3721.5
12°	3303.4
13°	2845.3
14°	2366.3
15°	1914.1
16°	1514.1
17°	1179.6
18°	927.9
19°	742.1
20°	613.9
21°	513.1
22°	430.7
23°	359.7
24°	300.9
25°	249.6
27.5°	147.9
30°	92.4
32.5°	59.3
35°	37.8
37.5°	22.7
40°	11.8
42.5°	7.6
45°	5.0
47.5°	2.9
50°	1.7
52.5°	0.8
55°	0.8
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	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)