

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: P1247177

Luminaire Tested: P3A17R159024DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247177
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: P3A17R159024DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

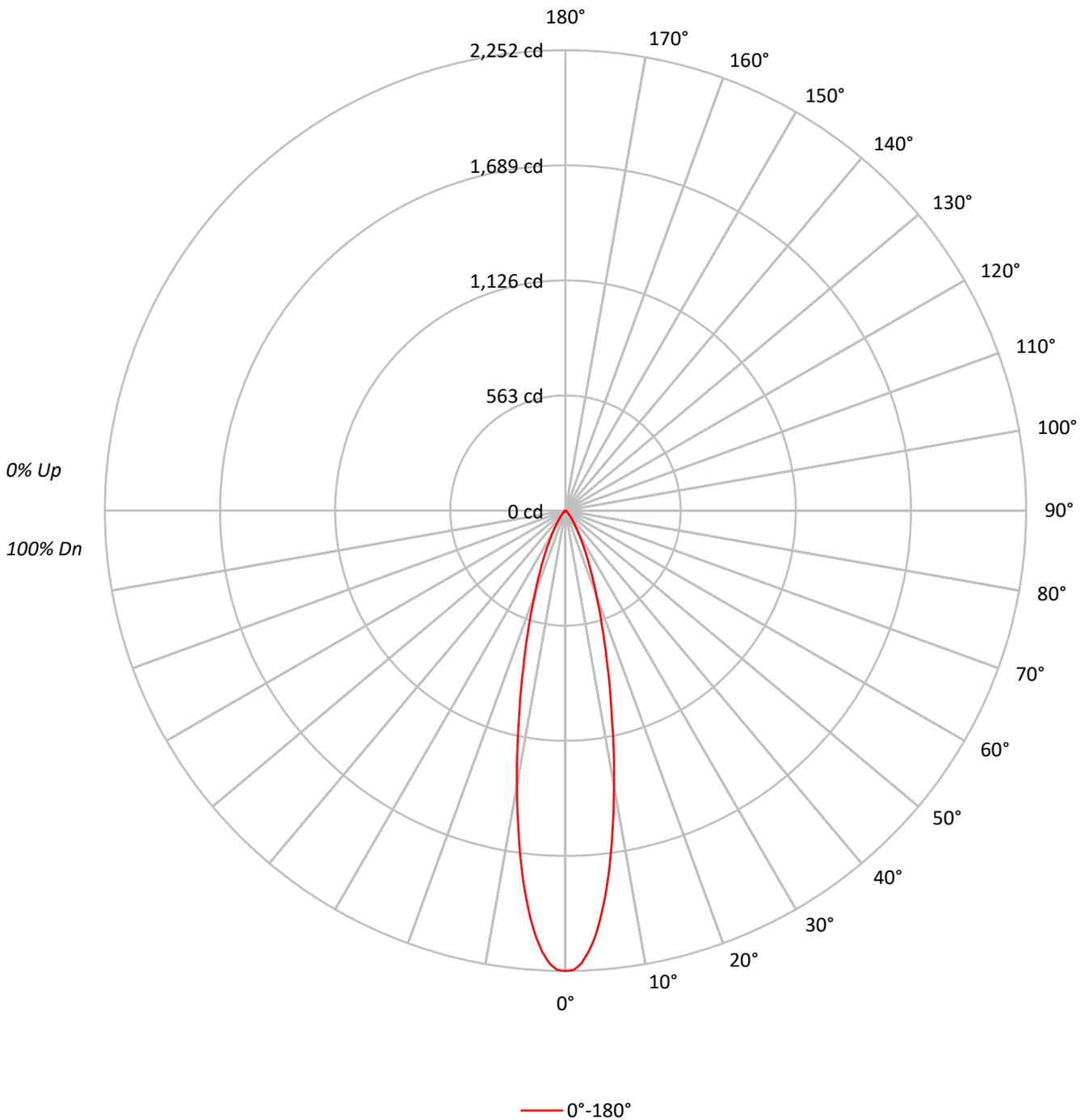
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 578.0 lumens
Efficiency: N/A
Efficacy: 27.3 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): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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

TEST NUMBER: P1247177
CATALOG NUMBER: P3A17R159024DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1247177

CATALOG NUMBER: P3A17R159024DE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	493754
5°	438300
10°	304381
15°	180001
20°	102512
25°	58600
30°	32435
35°	17293
40°	9561
45°	5179
50°	3241
55°	2561
60°	2193
65°	2024
70°	1795
75°	1864
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5179 cd/sqm



TEST NUMBER: P1247177
 CATALOG NUMBER: P3A17R159024DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.3	29.3
10°-20°	223.5	38.7
20°-30°	115.1	19.9
30°-40°	43.2	7.5
40°-50°	14.1	2.4
50°-60°	6.1	1.1
60°-70°	3.9	0.7
70°-80°	2.3	0.4
80°-90°	0.6	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°	507.8	87.9
0°-40°	551.1	95.3
0°-60°	571.3	98.8
0°-90°	578.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	578.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2252	
5°	1991	169
15°	793	223
25°	242	115
35°	65	43
45°	17	14
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1247177
CATALOG NUMBER: P3A17R159024DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2251.7
1°	2247.3
2°	2217.8
3°	2161.5
4°	2087.5
5°	1991.2
6°	1882.0
7°	1762.3
8°	1629.2
9°	1497.8
10°	1367.0
12.5°	1051.8
15°	792.9
17.5°	593.6
20°	439.3
22.5°	328.0
25°	242.2
27.5°	176.5
30°	128.1
32.5°	90.8
35°	64.6
37.5°	46.2
40°	33.4
42.5°	23.9
45°	16.7
47.5°	12.2
50°	9.5
52.5°	7.8
55°	6.7
57.5°	5.6
60°	5.0
62.5°	4.5
65°	3.9
67.5°	3.3
70°	2.8
72.5°	2.8
75°	2.2
77.5°	1.7
80°	1.1
82.5°	1.1
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)