

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: P1272203

Luminaire Tested: P3AS17R159827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272203
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: P3AS17R159827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

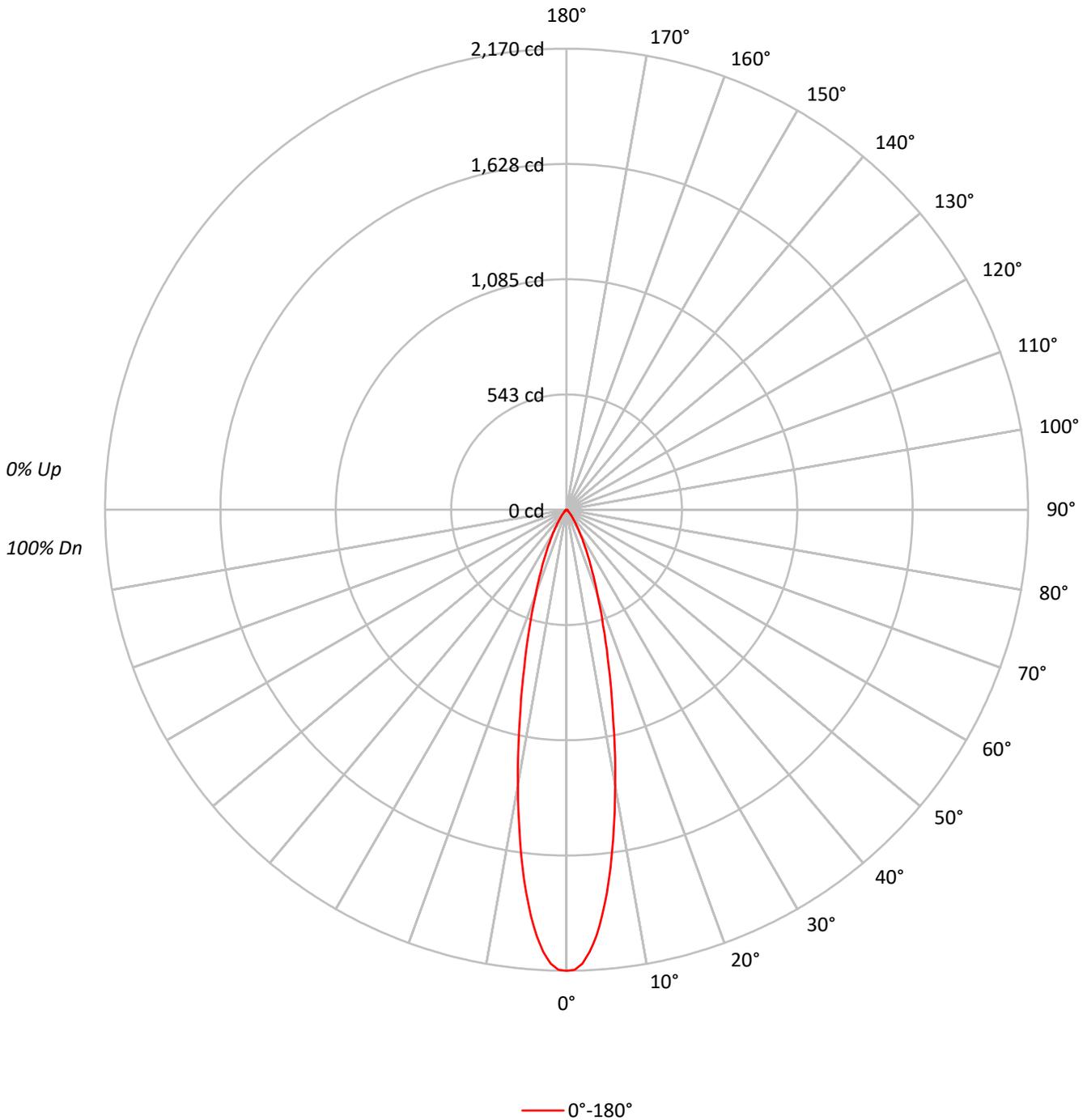
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 557.0 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): 20.4
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

TEST NUMBER: P1272203
CATALOG NUMBER: P3AS17R159827DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1272203

CATALOG NUMBER: P3AS17R159827DE010 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	100	100	100	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	91	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	87	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	83	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	80	80	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	77	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	74	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	72	72	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	69	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	67	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	475817
5°	422363
10°	293315
15°	173463
20°	98802
25°	56471
30°	31245
35°	16650
40°	9217
45°	4993
50°	3104
55°	2447
60°	2105
65°	1972
70°	1731
75°	1779
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4993 cd/sqm



TEST NUMBER: P1272203
 CATALOG NUMBER: P3AS17R159827DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.2	29.3
10°-20°	215.3	38.7
20°-30°	110.9	19.9
30°-40°	41.6	7.5
40°-50°	13.6	2.4
50°-60°	5.9	1.1
60°-70°	3.7	0.7
70°-80°	2.2	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°	489.4	87.9
0°-40°	531.0	95.3
0°-60°	550.5	98.8
0°-90°	557.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	557.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2170	
5°	1919	163
15°	764	215
25°	233	111
35°	62	42
45°	16	14
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



TEST NUMBER: P1272203
CATALOG NUMBER: P3AS17R159827DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	2169.9
1°	2165.6
2°	2137.2
3°	2083.0
4°	2011.6
5°	1918.8
6°	1813.6
7°	1698.3
8°	1570.0
9°	1443.4
10°	1317.3
12.5°	1013.6
15°	764.1
17.5°	572.0
20°	423.4
22.5°	316.0
25°	233.4
27.5°	170.1
30°	123.4
32.5°	87.5
35°	62.2
37.5°	44.5
40°	32.2
42.5°	23.1
45°	16.1
47.5°	11.8
50°	9.1
52.5°	7.5
55°	6.4
57.5°	5.4
60°	4.8
62.5°	4.3
65°	3.8
67.5°	3.2
70°	2.7
72.5°	2.7
75°	2.1
77.5°	1.6
80°	1.1
82.5°	1.1
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)