

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: P1272235

Luminaire Tested: P3AS17R209827DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272235
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209827DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

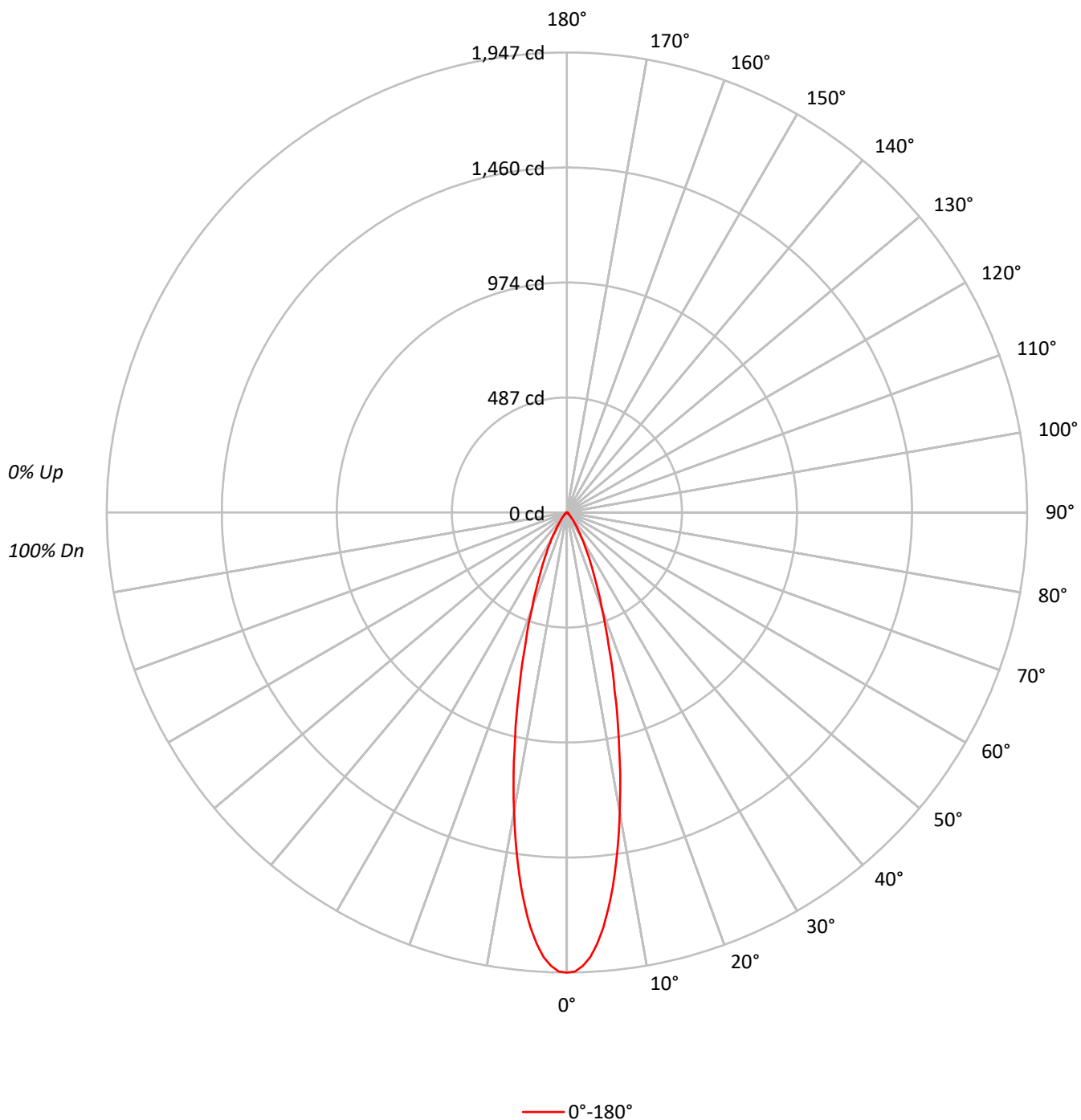
Lumens per Lamp: N/A
Luminaire Lumens: 555.0 lumens
Efficiency: N/A
Efficacy: 27.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	427005
5°	388157
10°	286880
15°	177458
20°	101345
25°	57850
30°	32435
35°	17641
40°	9675
45°	5334
50°	3104
55°	2256
60°	2105
65°	1972
70°	1731
75°	1779
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5334 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.7	27.5
10°-20°	218.0	39.3
20°-30°	113.8	20.5
30°-40°	44.0	7.9
40°-50°	14.3	2.6
50°-60°	5.6	1.0
60°-70°	3.7	0.7
70°-80°	2.2	0.4
80°-90°	0.7	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°	484.5	87.3
0°-40°	528.5	95.2
0°-60°	548.4	98.8
0°-90°	555.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	555.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1947	
5°	1763	153
15°	782	218
25°	239	114
35°	66	44
45°	17	14
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1947.3
1°	1943.6
2°	1920.5
3°	1885.1
4°	1830.4
5°	1763.4
6°	1684.1
7°	1596.1
8°	1494.3
9°	1395.1
10°	1288.4
12.5°	1024.1
15°	781.7
17.5°	584.9
20°	434.3
22.5°	321.7
25°	239.1
27.5°	176.4
30°	128.1
32.5°	92.8
35°	65.9
37.5°	47.7
40°	33.8
42.5°	24.1
45°	17.2
47.5°	12.3
50°	9.1
52.5°	7.0
55°	5.9
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°	0.5
90°	0.0

(END OF REPORT)