

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: P1249884

Luminaire Tested: P3AS20R159027D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249884
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: P3AS20R159027D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

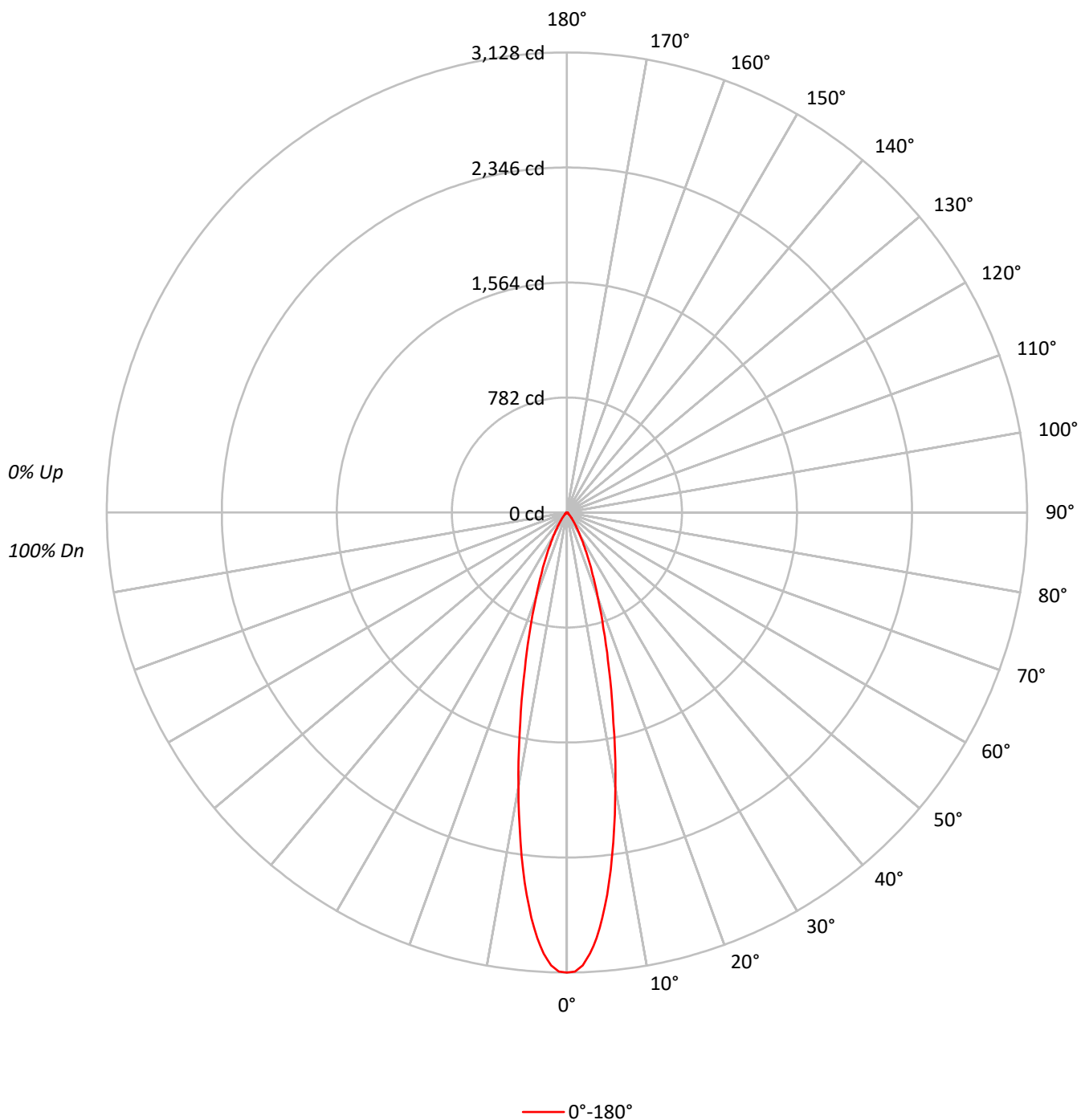
Lumens per Lamp: N/A
Luminaire Lumens: 803.0 lumens
Efficiency: N/A
Efficacy: 27.9 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	685976
5°	608913
10°	422860
15°	250081
20°	142416
25°	81416
30°	45045
35°	24012
40°	13282
45°	7195
50°	4503
55°	3555
60°	3070
65°	2802
70°	2500
75°	2626
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7195 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.2	29.3
10°-20°	310.5	38.7
20°-30°	159.8	19.9
30°-40°	60.0	7.5
40°-50°	19.7	2.4
50°-60°	8.4	1.1
60°-70°	5.4	0.7
70°-80°	3.2	0.4
80°-90°	0.8	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°	705.5	87.9
0°-40°	765.5	95.3
0°-60°	793.6	98.8
0°-90°	803.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	803.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3128	
5°	2766	235
15°	1102	310
25°	336	160
35°	90	60
45°	23	20
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3128.3
1°	3122.1
2°	3081.1
3°	3003.0
4°	2900.1
5°	2766.3
6°	2614.6
7°	2448.3
8°	2263.4
9°	2080.9
10°	1899.1
12.5°	1461.3
15°	1101.6
17.5°	824.6
20°	610.3
22.5°	455.6
25°	336.5
27.5°	245.2
30°	177.9
32.5°	126.1
35°	89.7
37.5°	64.2
40°	46.4
42.5°	33.3
45°	23.2
47.5°	17.0
50°	13.2
52.5°	10.8
55°	9.3
57.5°	7.7
60°	7.0
62.5°	6.2
65°	5.4
67.5°	4.6
70°	3.9
72.5°	3.9
75°	3.1
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)