

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: P1258063

Luminaire Tested: P3AS20R259040D010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258063
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259040D010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

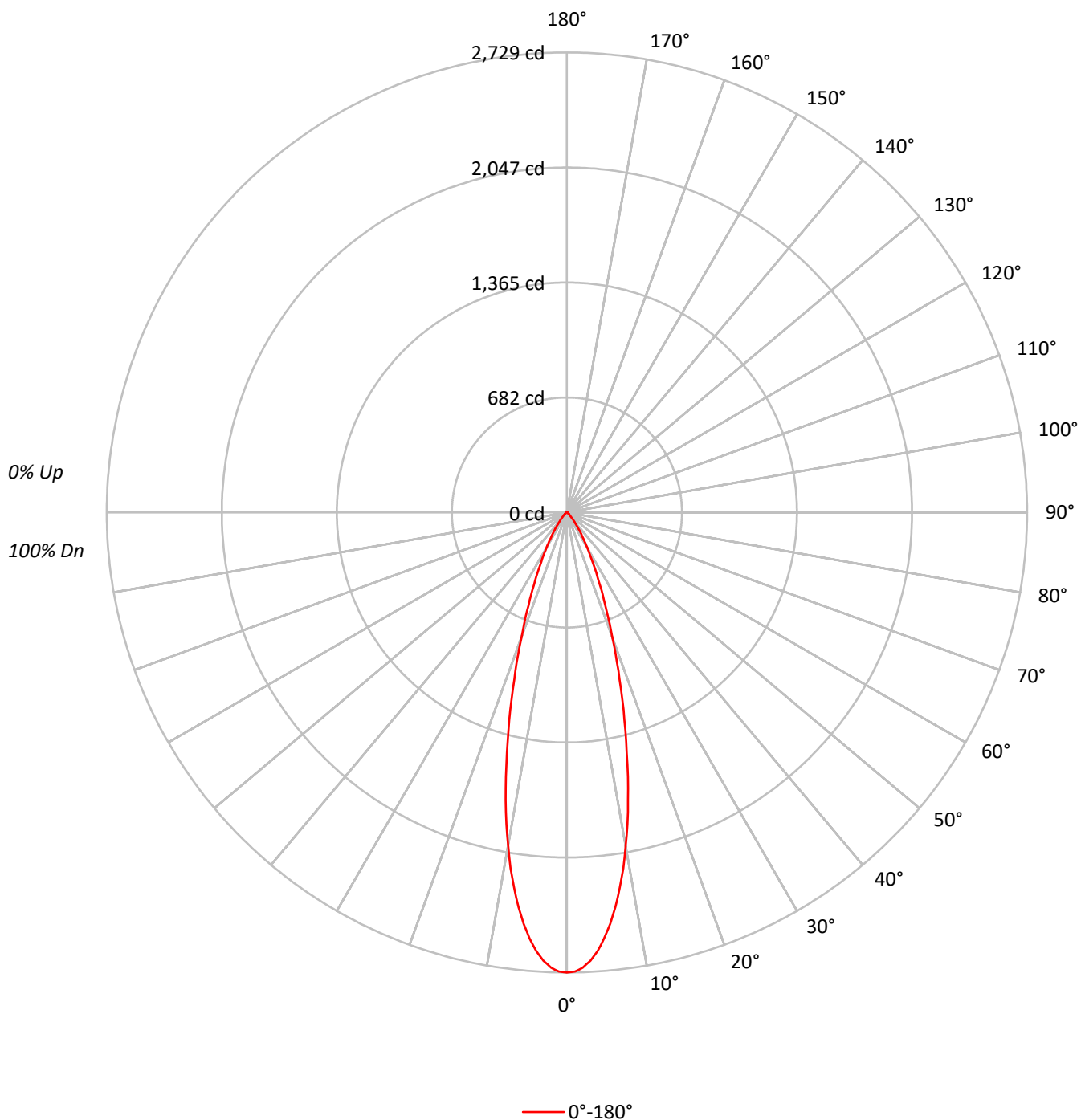
Lumens per Lamp: N/A
Luminaire Lumens: 933.0 lumens
Efficiency: N/A
Efficacy: 32.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	598483
5°	558374
10°	447309
15°	303634
20°	183719
25°	107426
30°	61174
35°	33649
40°	17862
45°	9396
50°	5458
55°	4091
60°	3508
65°	3684
70°	3398
75°	3050
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9396 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.1	24.1
10°-20°	367.7	39.4
20°-30°	210.1	22.5
30°-40°	82.9	8.9
40°-50°	25.4	2.7
50°-60°	10.0	1.1
60°-70°	6.7	0.7
70°-80°	3.8	0.4
80°-90°	1.2	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°	802.9	86.1
0°-40°	885.8	94.9
0°-60°	921.3	98.7
0°-90°	933.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	933.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2729	
5°	2537	225
15°	1338	368
25°	444	210
35°	126	83
45°	30	25
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2729.3
1°	2724.0
2°	2701.7
3°	2662.4
4°	2608.0
5°	2536.7
6°	2452.9
7°	2358.4
8°	2248.7
9°	2136.4
10°	2008.9
11°	1883.1
12°	1744.9
13°	1608.5
14°	1468.5
15°	1337.5
17.5°	1037.0
20°	787.3
22.5°	591.2
25°	444.0
27.5°	329.0
30°	241.6
32.5°	174.8
35°	125.7
37.5°	89.2
40°	62.4
42.5°	42.8
45°	30.3
47.5°	21.4
50°	16.0
52.5°	12.5
55°	10.7
57.5°	9.8
60°	8.0
62.5°	7.1
65°	7.1
67.5°	6.2
70°	5.3
72.5°	4.5
75°	3.6
77.5°	2.7
80°	1.8
82.5°	1.8
85°	0.9
87.5°	0.9



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)