

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: P1271238

Luminaire Tested: P3AS05R259827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271238
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

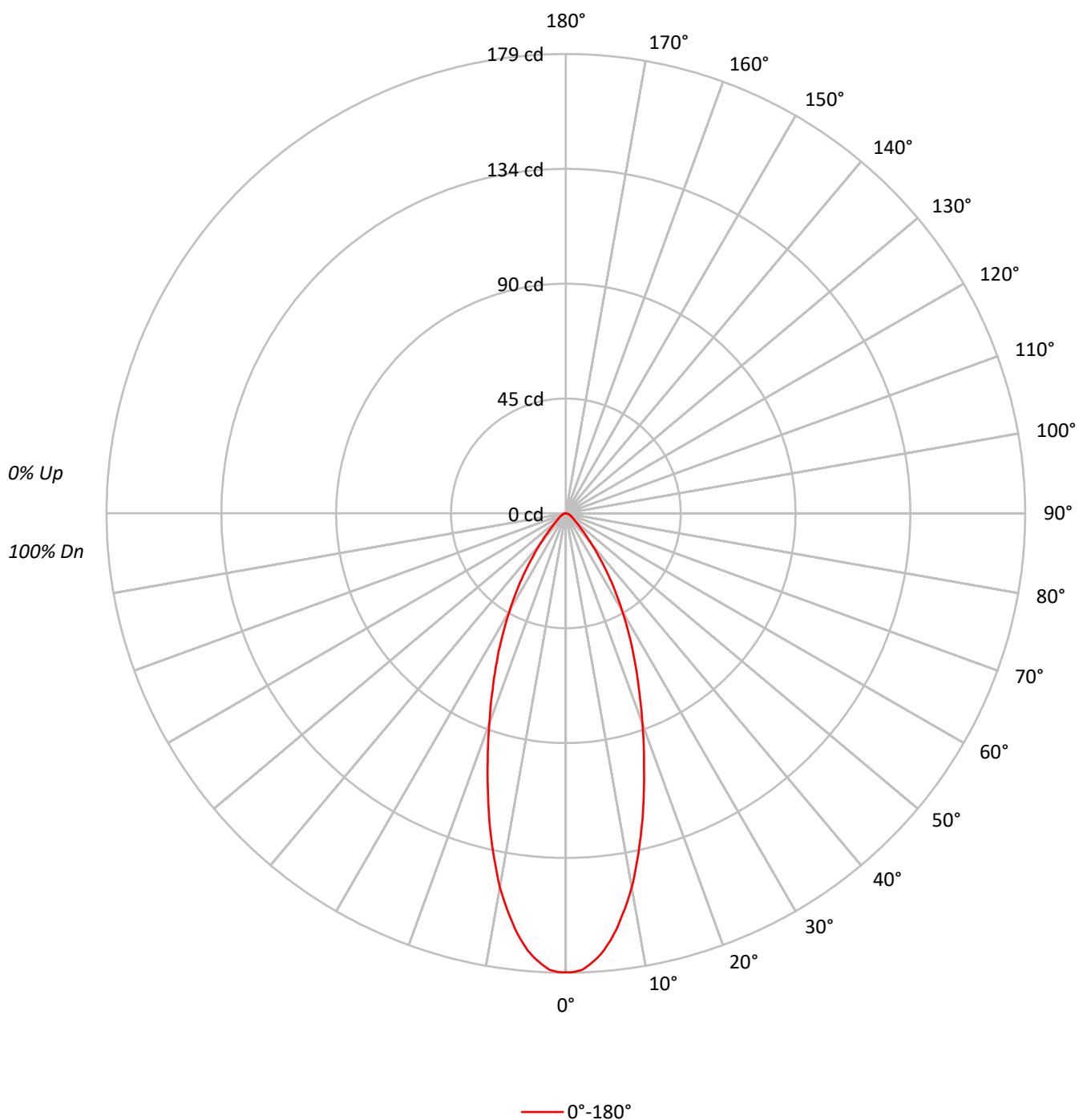
Lumens per Lamp: N/A
Luminaire Lumens: 107.9 lumens
Efficiency: N/A
Efficacy: 15.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	82	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39207
5°	37618
10°	32954
15°	26493
20°	20348
25°	15388
30°	11116
35°	7388
40°	4494
45°	2605
50°	1672
55°	1338
60°	1184
65°	1038
70°	833
75°	847
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2605 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	14.4
10°-20°	32.3	29.9
20°-30°	29.2	27.0
30°-40°	17.5	16.2
40°-50°	7.0	6.4
50°-60°	3.2	3.0
60°-70°	2.0	1.8
70°-80°	1.0	1.0
80°-90°	0.3	0.3
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°	77.0	71.3
0°-40°	94.5	87.6
0°-60°	104.7	97.0
0°-90°	107.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	107.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	179	
5°	171	16
15°	117	32
25°	64	29
35°	28	18
45°	8	7
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	178.8
1°	178.8
2°	178.0
3°	176.1
4°	173.8
5°	170.9
6°	167.2
7°	163.0
8°	158.1
9°	153.2
10°	148.0
11°	141.9
12°	135.7
13°	129.5
14°	123.2
15°	116.7
17.5°	101.2
20°	87.2
22.5°	74.6
25°	63.6
27.5°	53.4
30°	43.9
32.5°	35.4
35°	27.6
37.5°	21.0
40°	15.7
42.5°	11.4
45°	8.4
47.5°	6.4
50°	4.9
52.5°	4.0
55°	3.5
57.5°	3.0
60°	2.7
62.5°	2.2
65°	2.0
67.5°	1.7
70°	1.3
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.5
82.5°	0.3
85°	0.3
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)