

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: P1273340

Luminaire Tested: P3A05R309830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273340
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R309830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

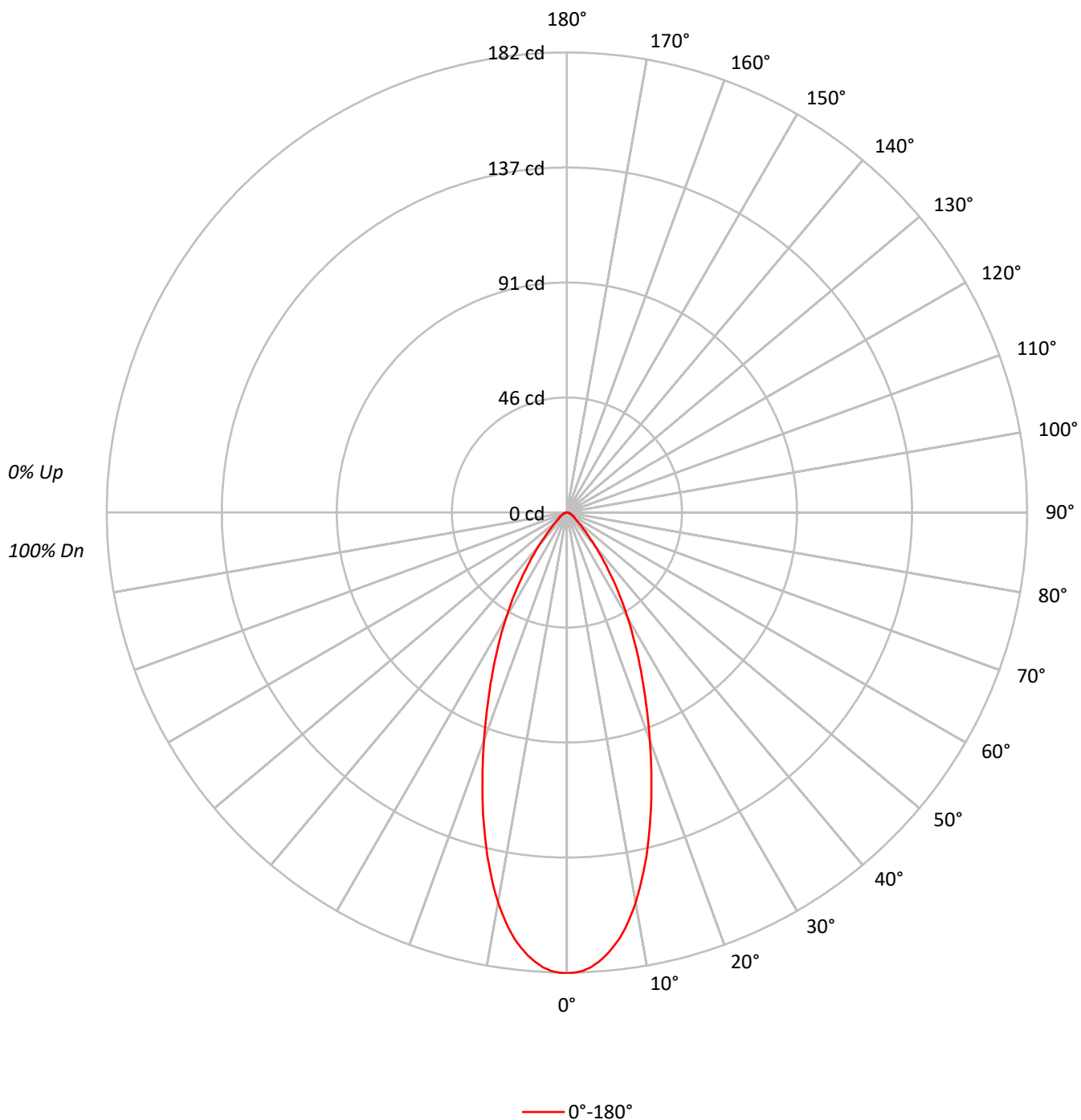
Lumens per Lamp: N/A
Luminaire Lumens: 117.1 lumens
Efficiency: N/A
Efficacy: 16.3 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100		100	99	97		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	85	91	87	84		89	86	83		87
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	66	63		70
8	80	70	64	60	78	70	64	60	68	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39975
5°	38741
10°	34891
15°	28876
20°	22355
25°	16767
30°	12179
35°	8111
40°	4981
45°	2915
50°	1808
55°	1453
60°	1272
65°	1038
70°	962
75°	932
80°	631
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2915 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	13.8
10°-20°	35.0	29.9
20°-30°	31.9	27.2
30°-40°	19.3	16.5
40°-50°	7.7	6.6
50°-60°	3.4	2.9
60°-70°	2.1	1.8
70°-80°	1.1	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°	83.1	71.0
0°-40°	102.3	87.4
0°-60°	113.5	97.0
0°-90°	117.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	117.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	182	
5°	176	16
15°	127	35
25°	69	32
35°	30	19
45°	9	8
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	182.3
1°	182.1
2°	181.4
3°	180.2
4°	178.3
5°	176.0
6°	173.1
7°	170.0
8°	166.0
9°	161.5
10°	156.7
11°	151.3
12°	145.5
13°	139.7
14°	133.3
15°	127.2
17.5°	111.0
20°	95.8
22.5°	81.6
25°	69.3
27.5°	58.1
30°	48.1
32.5°	38.8
35°	30.3
37.5°	23.2
40°	17.4
42.5°	12.7
45°	9.4
47.5°	7.1
50°	5.3
52.5°	4.2
55°	3.8
57.5°	3.3
60°	2.9
62.5°	2.4
65°	2.0
67.5°	1.8
70°	1.5
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.5
82.5°	0.4
85°	0.4
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)