

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: P1275410

Luminaire Tested: P3AS05R309835DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275410
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: P3AS05R309835DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

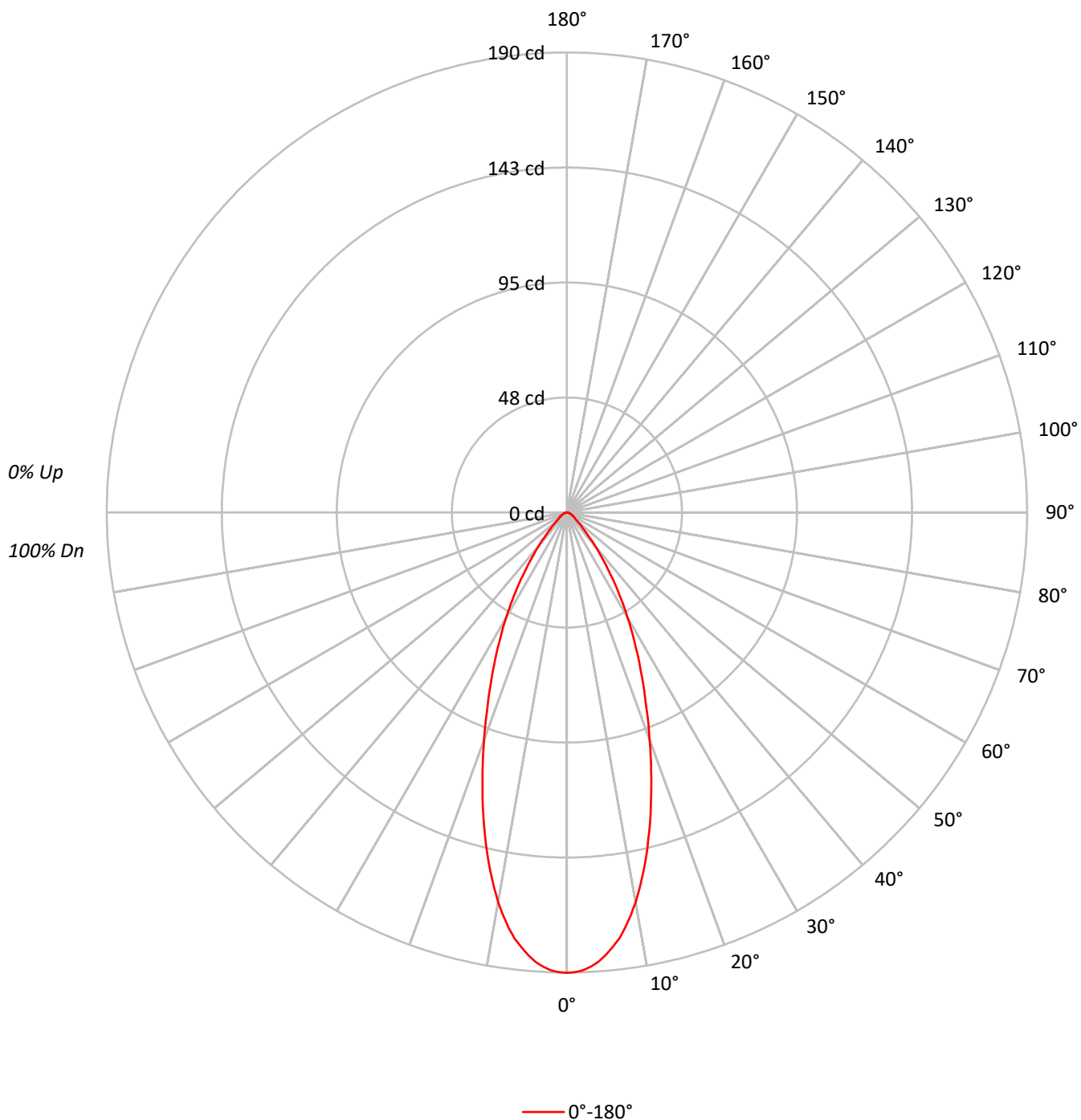
Lumens per Lamp: N/A
Luminaire Lumens: 122.0 lumens
Efficiency: N/A
Efficacy: 16.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	84	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	67	63		70
8	80	70	64	60	78	70	64	60	69	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°	41685
5°	40392
10°	36383
15°	30102
20°	23312
25°	17493
30°	12685
35°	8459
40°	5210
45°	3039
50°	1876
55°	1529
60°	1316
65°	1090
70°	962
75°	932
80°	758
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3039 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	13.8
10°-20°	36.5	29.9
20°-30°	33.2	27.2
30°-40°	20.1	16.5
40°-50°	8.1	6.6
50°-60°	3.6	2.9
60°-70°	2.2	1.8
70°-80°	1.1	0.9
80°-90°	0.4	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°	86.6	71.0
0°-40°	106.7	87.5
0°-60°	118.4	97.0
0°-90°	122.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	122.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	190	
5°	184	17
15°	133	37
25°	72	33
35°	32	20
45°	10	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	190.1
1°	189.9
2°	189.2
3°	187.9
4°	186.0
5°	183.5
6°	180.5
7°	177.3
8°	173.1
9°	168.4
10°	163.4
11°	157.8
12°	151.7
13°	145.7
14°	139.0
15°	132.6
17.5°	115.8
20°	99.9
22.5°	85.1
25°	72.3
27.5°	60.5
30°	50.1
32.5°	40.5
35°	31.6
37.5°	24.2
40°	18.2
42.5°	13.2
45°	9.8
47.5°	7.4
50°	5.5
52.5°	4.4
55°	4.0
57.5°	3.4
60°	3.0
62.5°	2.5
65°	2.1
67.5°	1.9
70°	1.5
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.6
82.5°	0.4
85°	0.4
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)