

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: P1261866

Luminaire Tested: P3AS05R259727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261866
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

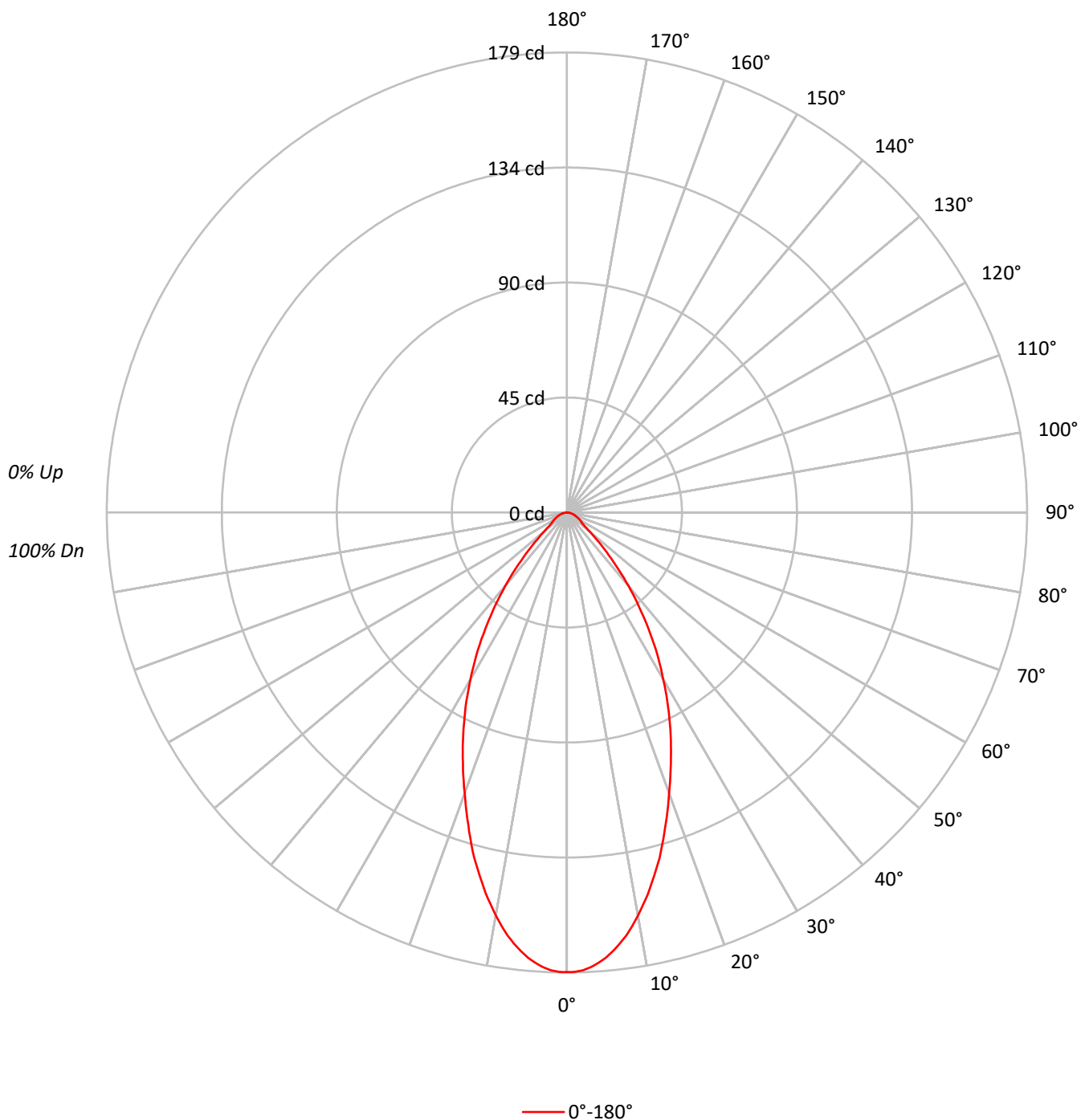
Lumens per Lamp: N/A
Luminaire Lumens: 165.0 lumens
Efficiency: N/A
Efficacy: 22.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39207
5°	38279
10°	35470
15°	31601
20°	27139
25°	23082
30°	18990
35°	14803
40°	10649
45°	6760
50°	3991
55°	2753
60°	2544
65°	2335
70°	2116
75°	1949
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6760 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.1	9.8
10°-20°	38.6	23.4
20°-30°	43.7	26.5
30°-40°	34.5	20.9
40°-50°	17.4	10.6
50°-60°	7.0	4.2
60°-70°	4.5	2.7
70°-80°	2.5	1.5
80°-90°	0.7	0.4
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°	98.4	59.7
0°-40°	132.9	80.6
0°-60°	157.4	95.4
0°-90°	165.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	165.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	179	
5°	174	16
15°	139	39
25°	95	44
35°	55	35
45°	22	17
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	178.8
1°	178.8
2°	178.2
3°	177.2
4°	175.7
5°	173.9
6°	171.6
7°	169.0
8°	166.1
9°	162.8
10°	159.3
11°	155.4
12°	151.7
13°	147.4
14°	143.3
15°	139.2
17.5°	127.6
20°	116.3
22.5°	105.7
25°	95.4
27.5°	85.3
30°	75.0
32.5°	65.4
35°	55.3
37.5°	46.0
40°	37.2
42.5°	29.0
45°	21.8
47.5°	16.2
50°	11.7
52.5°	8.8
55°	7.2
57.5°	6.6
60°	5.8
62.5°	5.1
65°	4.5
67.5°	3.9
70°	3.3
72.5°	2.9
75°	2.3
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)