

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: P1261926

Luminaire Tested: P3AS05R359727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261926
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

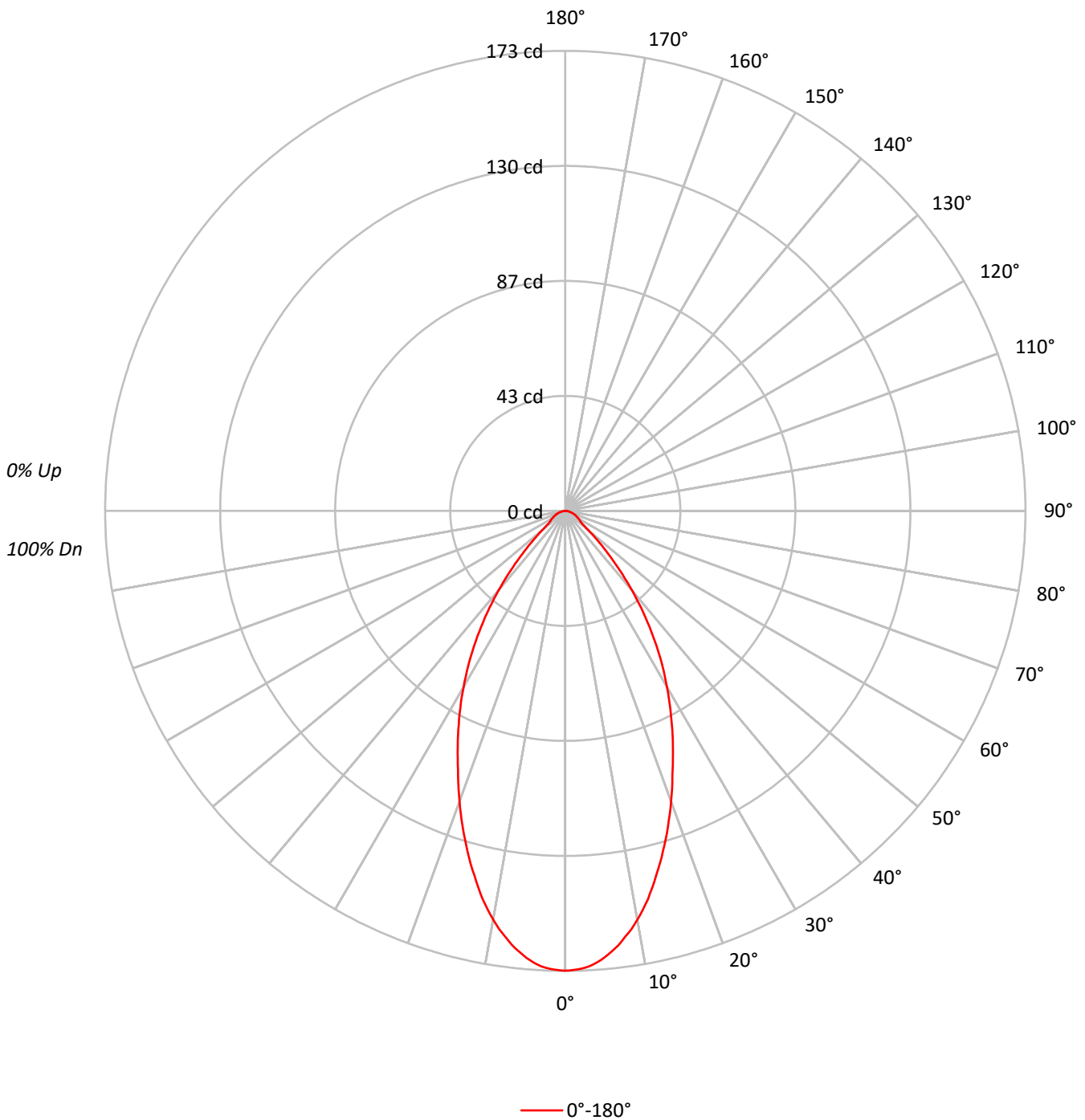
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 166.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37914
5°	37112
10°	34758
15°	31192
20°	27139
25°	23130
30°	19370
35°	15419
40°	11164
45°	7071
50°	3855
55°	2676
60°	2500
65°	2335
70°	2244
75°	1949
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7071 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	9.5
10°-20°	38.2	23.0
20°-30°	43.8	26.4
30°-40°	35.8	21.5
40°-50°	18.1	10.9
50°-60°	6.7	4.0
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°	97.8	58.9
0°-40°	133.5	80.4
0°-60°	158.3	95.4
0°-90°	166.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	166.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	173	
5°	169	16
15°	137	38
25°	96	44
35°	58	36
45°	23	18
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	172.9
1°	172.7
2°	172.3
3°	171.5
4°	170.3
5°	168.6
6°	166.6
7°	164.5
8°	161.8
9°	159.2
10°	156.1
11°	152.8
12°	149.3
13°	145.4
14°	141.3
15°	137.4
17.5°	127.0
20°	116.3
22.5°	105.4
25°	95.6
27.5°	86.0
30°	76.5
32.5°	67.1
35°	57.6
37.5°	48.2
40°	39.0
42.5°	30.4
45°	22.8
47.5°	16.4
50°	11.3
52.5°	8.2
55°	7.0
57.5°	6.4
60°	5.7
62.5°	5.1
65°	4.5
67.5°	3.9
70°	3.5
72.5°	2.9
75°	2.3
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)