

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: P1270919

Luminaire Tested: P3AS02R309827DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270919
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309827DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

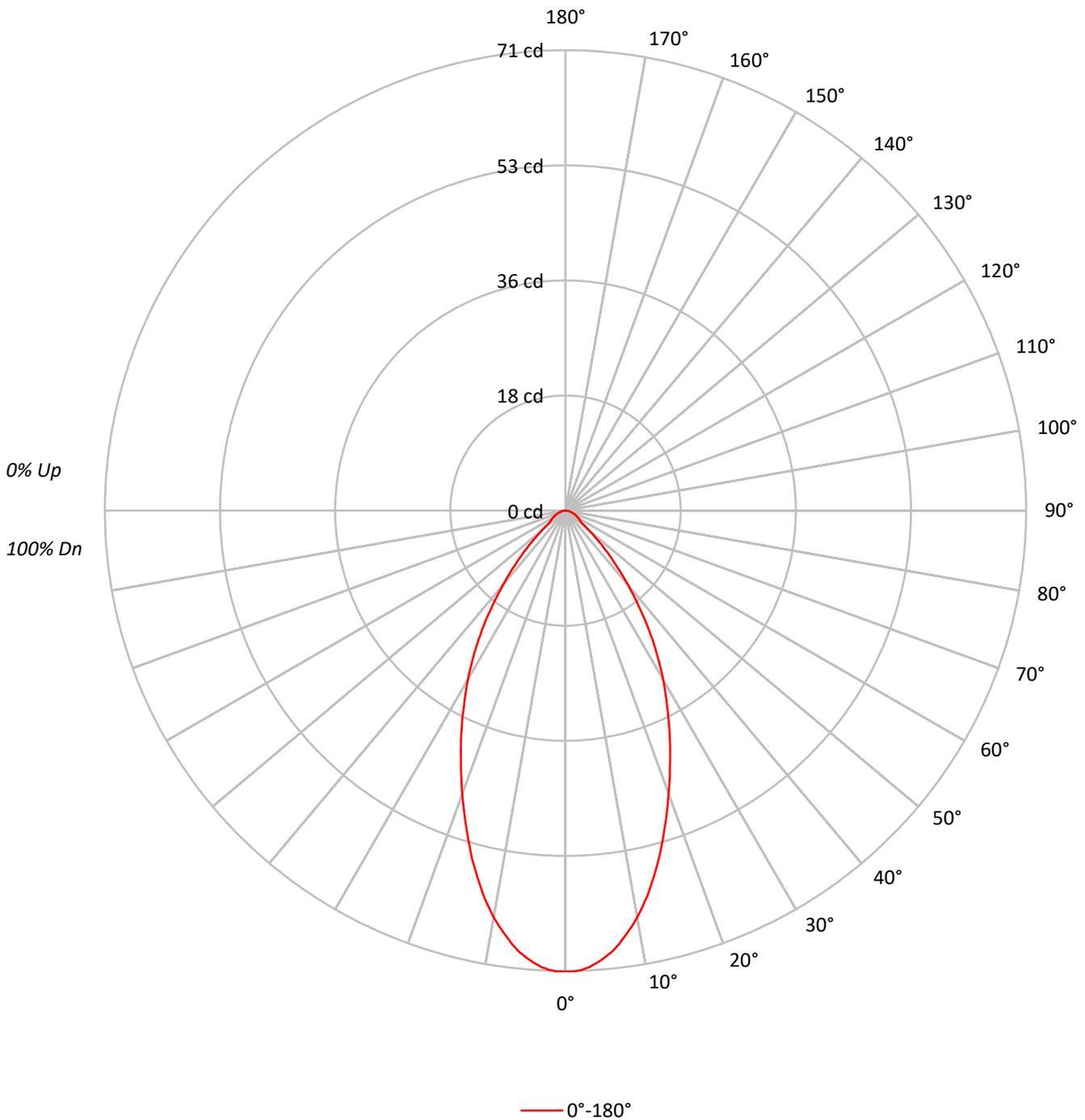
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 66.0 lumens
Efficiency: N/A
Efficacy: 18.3 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): 3.6
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	105	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76			
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70			
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	15591
5°	15232
10°	14184
15°	12622
20°	10851
25°	9194
30°	7621
35°	5996
40°	4294
45°	2822
50°	1603
55°	1070
60°	1009
65°	934
70°	833
75°	763
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2822 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.4	9.7
10°-20°	15.4	23.4
20°-30°	17.4	26.4
30°-40°	13.9	21.1
40°-50°	7.1	10.8
50°-60°	2.7	4.1
60°-70°	1.8	2.7
70°-80°	1.0	1.5
80°-90°	0.3	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°	39.3	59.5
0°-40°	53.2	80.6
0°-60°	63.0	95.5
0°-90°	66.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	66.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	71	
5°	69	6
15°	56	15
25°	38	17
35°	22	14
45°	9	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	71.1
1°	71.1
2°	70.9
3°	70.5
4°	69.9
5°	69.2
6°	68.4
7°	67.4
8°	66.2
9°	65.0
10°	63.7
11°	62.2
12°	60.7
13°	59.0
14°	57.3
15°	55.6
17.5°	51.0
20°	46.5
22.5°	42.1
25°	38.0
27.5°	33.9
30°	30.1
32.5°	26.2
35°	22.4
37.5°	18.5
40°	15.0
42.5°	11.8
45°	9.1
47.5°	6.7
50°	4.7
52.5°	3.3
55°	2.8
57.5°	2.5
60°	2.3
62.5°	2.0
65°	1.8
67.5°	1.5
70°	1.3
72.5°	1.1
75°	0.9
77.5°	0.7
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)