

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: P1259978

Luminaire Tested: P3AS13R309050DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259978
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: P3AS13R309050DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

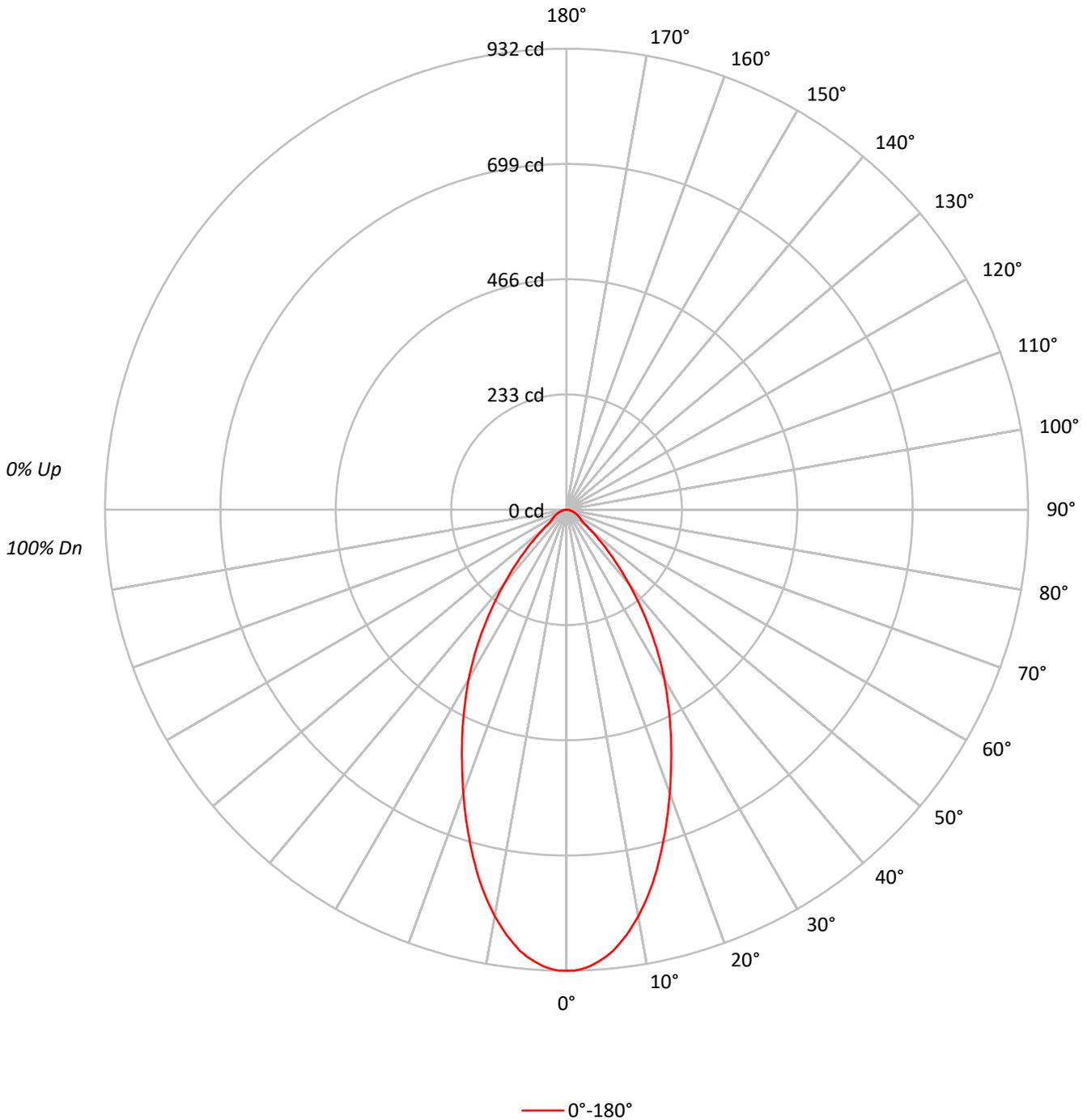
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 865.1 lumens
Efficiency: N/A
Efficacy: 59.3 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): 14.6
Input Voltage (V): NR
Input Current (A_{in}): 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			100
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76			76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70			70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	204348
5°	199757
10°	185768
15°	165290
20°	142182
25°	120442
30°	99990
35°	78434
40°	56220
45°	36872
50°	21014
55°	13801
60°	13025
65°	12141
70°	10899
75°	9913
80°	9345
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 36872 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.3	9.7
10°-20°	202.4	23.4
20°-30°	228.1	26.4
30°-40°	182.2	21.1
40°-50°	93.6	10.8
50°-60°	35.2	4.1
60°-70°	23.1	2.7
70°-80°	12.5	1.4
80°-90°	3.6	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°	514.8	59.5
0°-40°	697.0	80.6
0°-60°	825.9	95.5
0°-90°	865.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	932	
5°	908	84
15°	728	202
25°	498	228
35°	293	182
45°	119	94
55°	36	35
65°	23	23
75°	12	12
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	931.9
1°	931.9
2°	928.8
3°	923.5
4°	916.0
5°	907.5
6°	896.9
7°	883.1
8°	868.3
9°	851.3
10°	834.3
11°	815.2
12°	795.0
13°	773.8
14°	751.5
15°	728.1
17.5°	668.7
20°	609.3
22.5°	551.9
25°	497.8
27.5°	444.7
30°	394.9
32.5°	343.9
35°	293.0
37.5°	243.1
40°	196.4
42.5°	155.0
45°	118.9
47.5°	88.1
50°	61.6
52.5°	43.5
55°	36.1
57.5°	32.9
60°	29.7
62.5°	26.5
65°	23.4
67.5°	20.2
70°	17.0
72.5°	13.8
75°	11.7
77.5°	9.6
80°	7.4
82.5°	5.3
85°	3.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)