

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: P1247103

Luminaire Tested: P3A13R659024DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247103
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R659024DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

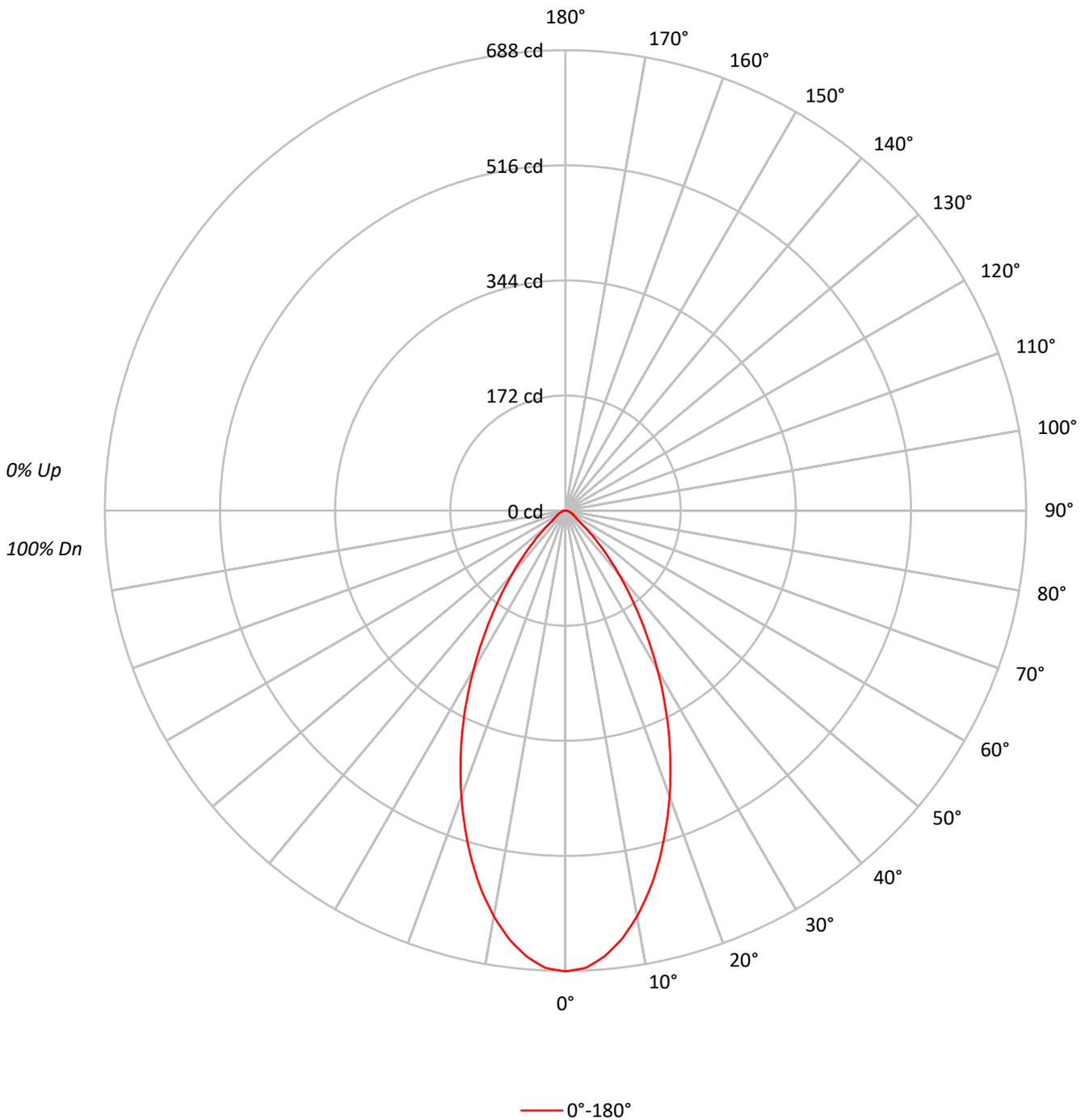
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 594.0 lumens
Efficiency: N/A
Efficacy: 40.7 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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				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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	150975
5°	147215
10°	137116
15°	122861
20°	106106
25°	88263
30°	69606
35°	51584
40°	35552
45°	22049
50°	11974
55°	7531
60°	6403
65°	5759
70°	4937
75°	4321
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 22049 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.2	10.5
10°-20°	150.4	25.3
20°-30°	166.3	28.0
30°-40°	120.8	20.3
40°-50°	56.6	9.5
50°-60°	19.1	3.2
60°-70°	11.0	1.8
70°-80°	5.8	1.0
80°-90°	1.9	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°	378.9	63.8
0°-40°	499.7	84.1
0°-60°	575.4	96.9
0°-90°	594.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	594.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	688	
5°	669	62
15°	541	150
25°	365	166
35°	193	121
45°	71	57
55°	20	19
65°	11	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	688.5
2.5°	684.3
5°	668.8
7.5°	645.7
10°	615.8
12.5°	580.6
15°	541.2
17.5°	498.4
20°	454.7
22.5°	409.4
25°	364.8
27.5°	319.4
30°	274.9
32.5°	232.1
35°	192.7
37.5°	156.7
40°	124.2
42.5°	95.1
45°	71.1
47.5°	51.4
50°	35.1
52.5°	24.0
55°	19.7
57.5°	17.1
60°	14.6
62.5°	12.8
65°	11.1
67.5°	9.4
70°	7.7
72.5°	6.9
75°	5.1
77.5°	4.3
80°	3.4
82.5°	2.6
85°	1.7
87.5°	0.9
90°	0.0

(END OF REPORT)