

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: P1265465

Luminaire Tested: P3A17R409730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265465
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R409730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

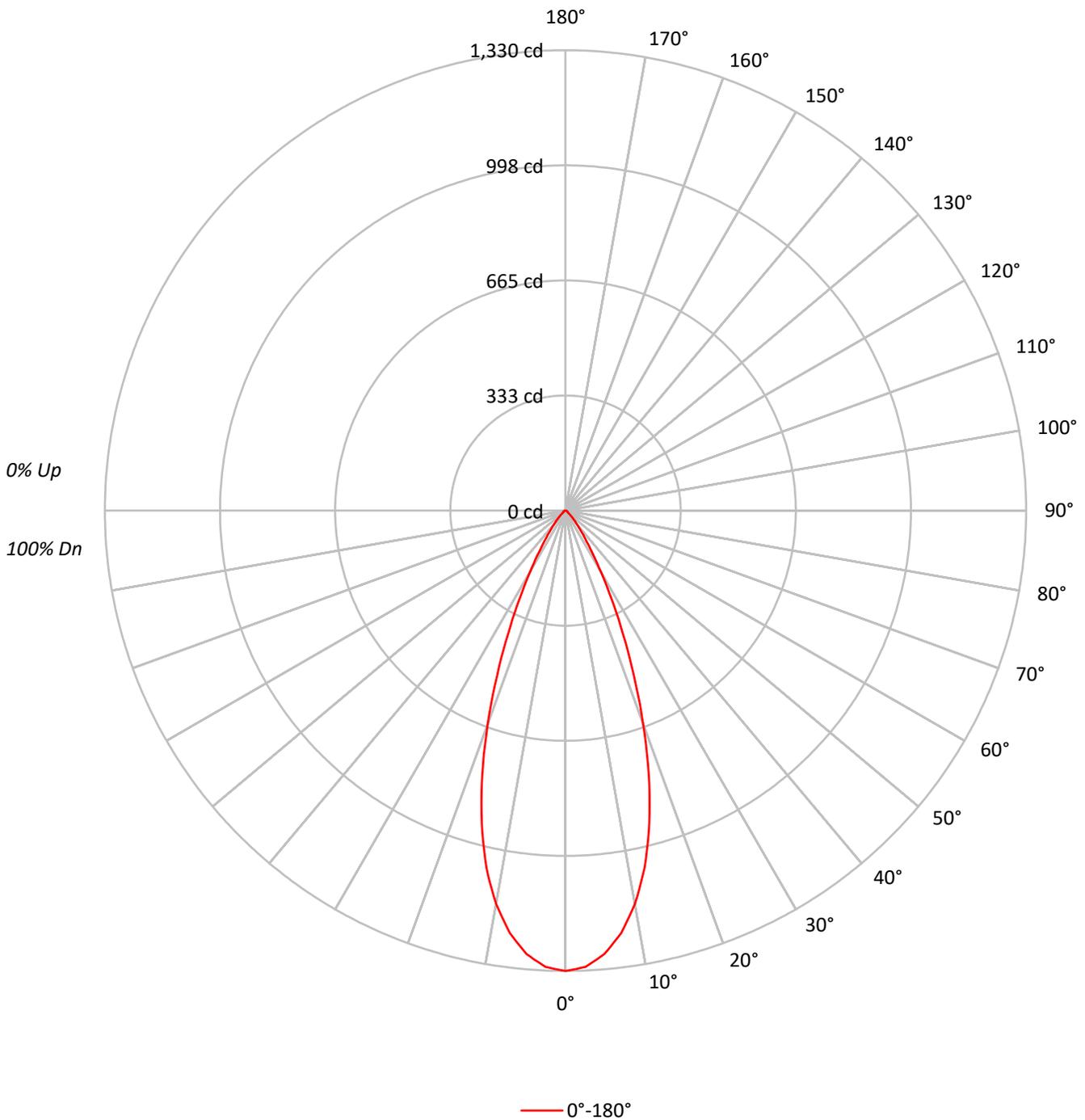
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 659.0 lumens
Efficiency: N/A
Efficacy: 31.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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				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	102	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	96	96	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	91	91	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	86	86	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	81	81	81	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	77	77	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	73	73	73	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	70	70	70	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	67	67	67	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	64	64	64	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	61	61	61	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	291599
5°	283138
10°	256931
15°	212260
20°	153103
25°	94699
30°	51274
35°	26502
40°	14398
45°	8063
50°	4060
55°	3020
60°	2719
65°	2646
70°	2565
75°	2372
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8063 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.6	18.0
10°-20°	254.6	38.6
20°-30°	181.7	27.6
30°-40°	66.9	10.1
40°-50°	21.0	3.2
50°-60°	7.3	1.1
60°-70°	5.0	0.8
70°-80°	3.0	0.5
80°-90°	0.9	0.1
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°	554.8	84.2
0°-40°	621.7	94.3
0°-60°	650.1	98.6
0°-90°	659.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	659.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1330	
5°	1286	119
15°	935	255
25°	391	182
35°	99	67
45°	26	21
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1329.8
2.5°	1319.6
5°	1286.3
7.5°	1230.8
10°	1153.9
12.5°	1056.0
15°	935.0
17.5°	799.2
20°	656.1
22.5°	515.3
25°	391.4
27.5°	287.3
30°	202.5
32.5°	142.0
35°	99.0
37.5°	70.1
40°	50.3
42.5°	36.2
45°	26.0
47.5°	17.5
50°	11.9
52.5°	8.5
55°	7.9
57.5°	7.4
60°	6.2
62.5°	5.7
65°	5.1
67.5°	4.5
70°	4.0
72.5°	3.4
75°	2.8
77.5°	2.3
80°	1.7
82.5°	1.1
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)