

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: P1293219

Luminaire Tested: P3A09R40W2N902750DE010 E3DL1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293219
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: P3A09R40W2N902750DE010 E3DL1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3500K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

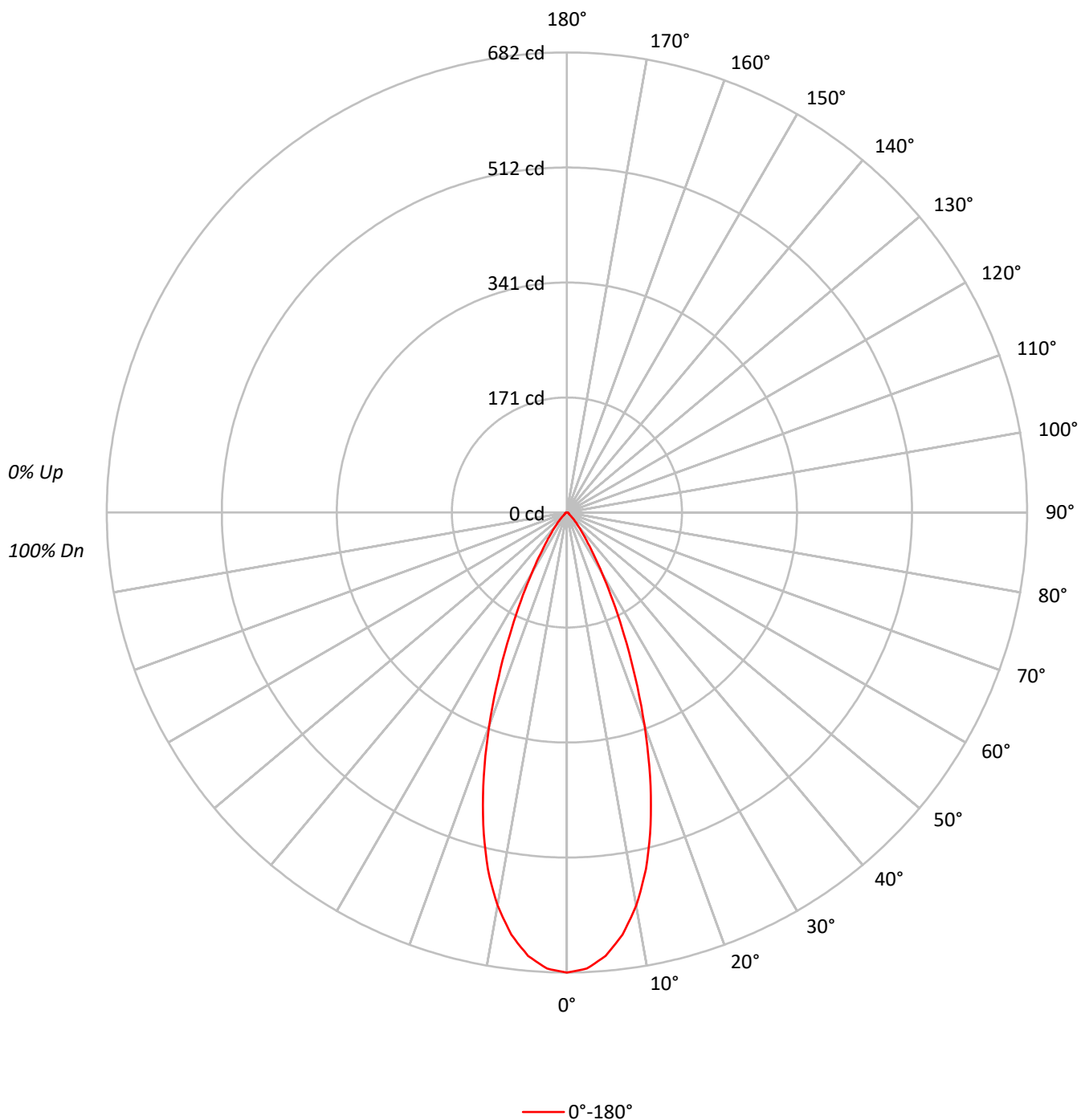
Lumens per Lamp: N/A
Luminaire Lumens: 338.1 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	114	111	109	107	112	109	107	105	105	104	102		102	100	99		98	97	96		94
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	92	91		89
3	104	99	94	91	102	97	93	90	95	91	88		92	89	87		90	88	86		84
4	100	93	88	85	98	92	88	84	90	86	83		88	85	82		86	84	81		80
5	96	88	83	79	94	87	83	79	86	82	78		84	81	78		83	80	77		76
6	92	84	79	75	91	83	78	75	82	77	74		81	77	74		79	76	73		72
7	88	80	75	71	87	79	74	71	78	74	71		77	73	70		76	73	70		69
8	85	76	71	68	84	76	71	67	75	70	67		74	70	67		73	69	67		65
9	82	73	68	64	81	73	68	64	72	67	64		71	67	64		70	66	64		63
10	78	70	65	62	78	70	65	61	69	64	61		68	64	61		67	64	61		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	149571
5°	145212
10°	131772
15°	108877
20°	78523
25°	48583
30°	26308
35°	13599
40°	7385
45°	4124
50°	2081
55°	1567
60°	1403
65°	1349
70°	1282
75°	1271
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4124 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.8	18.0
10°-20°	130.6	38.6
20°-30°	93.2	27.6
30°-40°	34.3	10.2
40°-50°	10.8	3.2
50°-60°	3.8	1.1
60°-70°	2.6	0.8
70°-80°	1.5	0.5
80°-90°	0.4	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°	284.6	84.2
0°-40°	318.9	94.3
0°-60°	333.5	98.6
0°-90°	338.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	338.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	682	
5°	660	61
15°	480	131
25°	201	93
35°	51	34
45°	13	11
55°	4	4
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	682.1
2.5°	676.8
5°	659.7
7.5°	631.3
10°	591.8
12.5°	541.6
15°	479.6
17.5°	409.9
20°	336.5
22.5°	264.3
25°	200.8
27.5°	147.4
30°	103.9
32.5°	72.8
35°	50.8
37.5°	36.0
40°	25.8
42.5°	18.6
45°	13.3
47.5°	9.0
50°	6.1
52.5°	4.4
55°	4.1
57.5°	3.8
60°	3.2
62.5°	2.9
65°	2.6
67.5°	2.3
70°	2.0
72.5°	1.7
75°	1.5
77.5°	1.2
80°	0.9
82.5°	0.6
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)