

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: P1292650

Luminaire Tested: P3A09R30W2N902750DE010 E3PH1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292650
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R30W2N902750DE010 E3PH1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI ,
E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

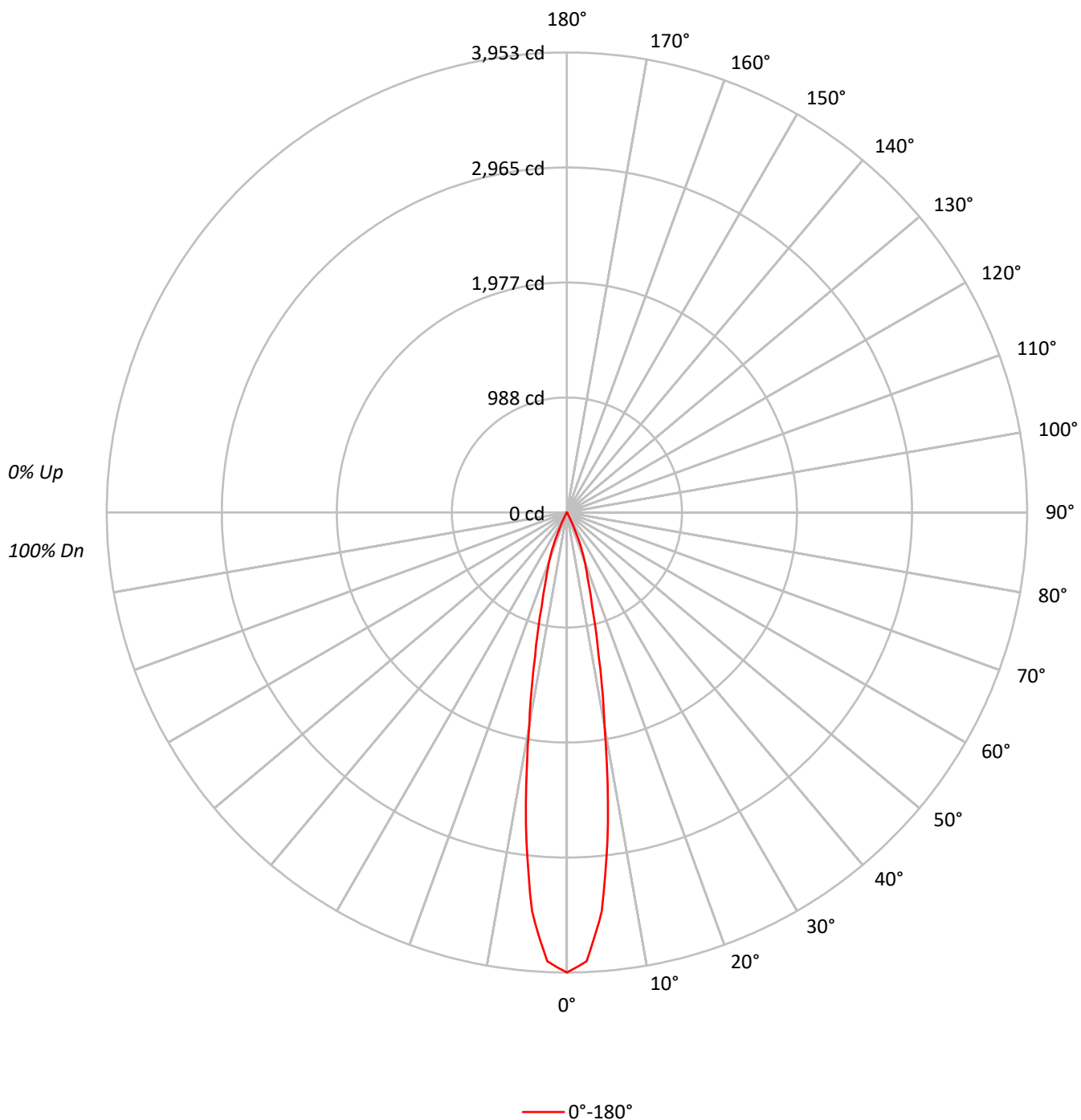
Lumens per Lamp: N/A
Luminaire Lumens: 609.0 lumens
Efficiency: N/A
Efficacy: 67.7 lumens/watt
Spacing Criteria (0/90/45): 0.33 / 0.33 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	112	110	113	111	110	108	107	106	105		104	103	102		100	100	99		97
2	112	109	106	104	110	107	105	103	104	102	100		101	100	98		99	97	96		95
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97	95	94		93
4	106	101	98	95	105	100	97	95	98	96	94		97	94	92		95	93	91		90
5	104	98	95	92	102	97	94	91	96	93	91		94	92	90		93	91	89		88
6	101	95	92	89	100	95	91	89	94	91	88		92	90	88		91	89	87		86
7	99	93	89	87	98	92	89	86	91	88	86		90	88	86		89	87	85		84
8	96	91	87	84	96	90	87	84	89	86	84		88	86	84		88	85	83		83
9	94	88	85	82	94	88	85	82	87	84	82		87	84	82		86	84	82		81
10	92	87	83	81	92	86	83	81	86	82	80		85	82	80		84	82	80		79

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	866838
5°	757185
10°	415379
15°	191102
20°	103002
25°	34913
30°	4532
35°	696
40°	258
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	275.6	45.3
10°-20°	252.6	41.5
20°-30°	77.7	12.8
30°-40°	2.9	0.5
40°-50°	0.2	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	605.8	99.5
0°-40°	608.8	100.0
0°-60°	609.0	100.0
0°-90°	609.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	609.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3953	
5°	3440	276
15°	842	253
25°	144	78
35°	3	3
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3953.1
2.5°	3860.8
5°	3439.9
7.5°	2698.8
10°	1865.5
12.5°	1262.8
15°	841.8
17.5°	590.0
20°	441.4
22.5°	297.1
25°	144.3
27.5°	52.9
30°	17.9
32.5°	6.0
35°	2.6
37.5°	1.7
40°	0.9
42.5°	0.9
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)