

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: P1292210

Luminaire Tested: P3A09R25W2N902750DE010 E3DL1H_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292210
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R25W2N902750DE010 E3DL1H_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

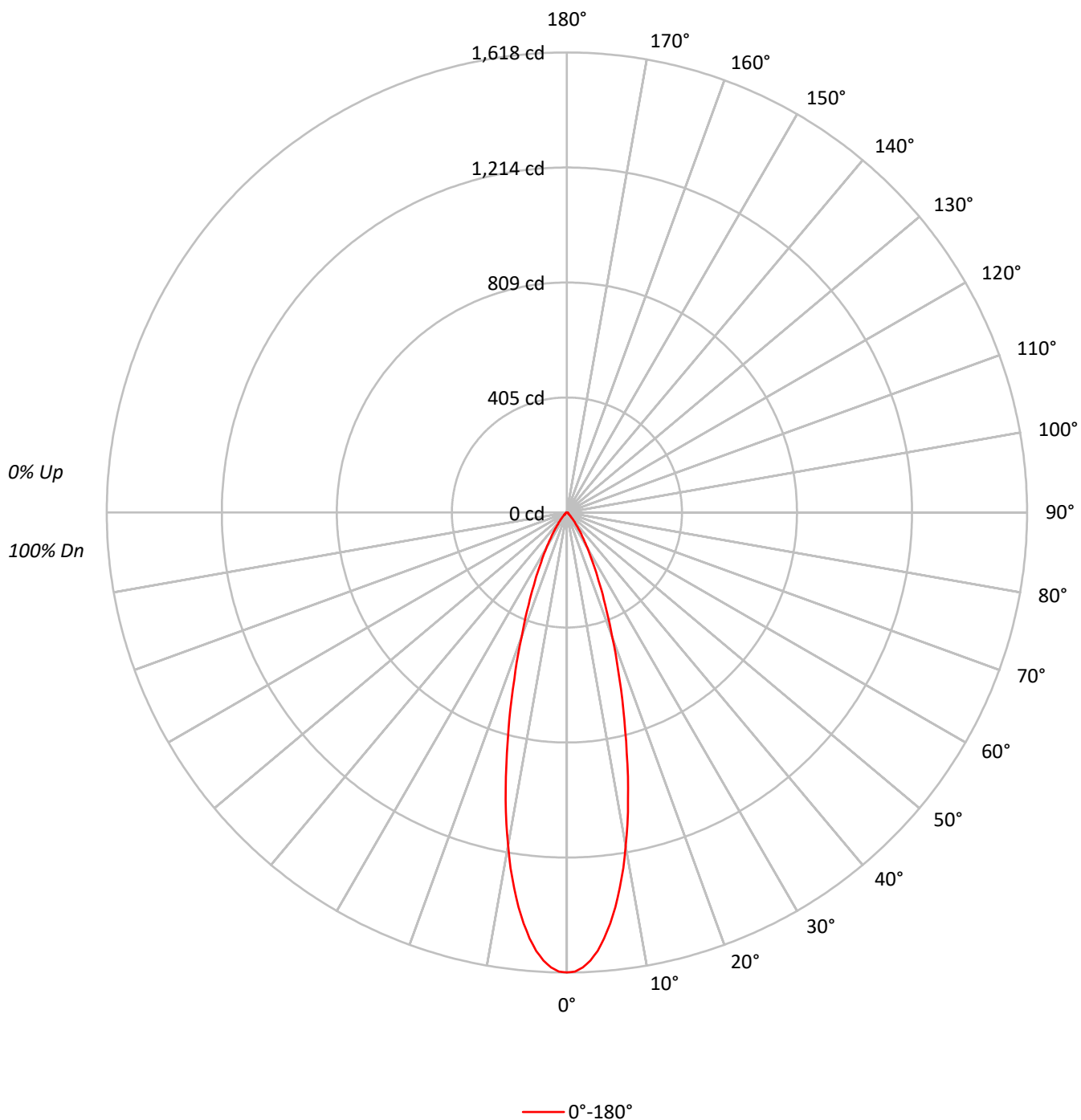
Lumens per Lamp: N/A
Luminaire Lumens: 553.0 lumens
Efficiency: N/A
Efficacy: 61.4 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1292210

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1H_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1292210

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1H_2700K

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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79	78
6	94	86	81	78	92	86	81	78	84	80	77		83	79	77		82	78	76	75
7	90	83	78	74	89	82	77	74	81	77	74		80	76	73		79	75	73	72
8	87	79	74	71	86	79	74	71	78	74	71		77	73	70		76	73	70	69
9	84	76	71	68	83	76	71	68	75	71	68		74	70	68		73	70	67	66
10	81	73	69	65	80	73	68	65	72	68	65		72	68	65		71	67	65	64

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	354730
5°	330948
10°	265125
15°	179956
20°	108906
25°	63681
30°	36259
35°	19943
40°	10591
45°	5582
50°	3241
55°	2409
60°	2105
65°	2179
70°	2052
75°	1779
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5582 cd/sqm

TEST NUMBER: P1292210

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1H_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.4	24.1
10°-20°	217.9	39.4
20°-30°	124.5	22.5
30°-40°	49.1	8.9
40°-50°	15.1	2.7
50°-60°	5.9	1.1
60°-70°	4.0	0.7
70°-80°	2.2	0.4
80°-90°	0.7	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°	475.9	86.1
0°-40°	525.0	94.9
0°-60°	546.1	98.7
0°-90°	553.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	553.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1618	
5°	1504	133
15°	793	218
25°	263	125
35°	74	49
45°	18	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1617.7
1°	1614.5
2°	1601.3
3°	1578.1
4°	1545.8
5°	1503.5
6°	1453.9
7°	1397.8
8°	1332.8
9°	1266.3
10°	1190.7
11°	1116.2
12°	1034.2
13°	953.4
14°	870.4
15°	792.7
17.5°	614.6
20°	466.7
22.5°	350.4
25°	263.2
27.5°	195.0
30°	143.2
32.5°	103.6
35°	74.5
37.5°	52.8
40°	37.0
42.5°	25.4
45°	18.0
47.5°	12.7
50°	9.5
52.5°	7.4
55°	6.3
57.5°	5.8
60°	4.8
62.5°	4.2
65°	4.2
67.5°	3.7
70°	3.2
72.5°	2.6
75°	2.1
77.5°	1.6
80°	1.1
82.5°	1.1
85°	0.5
87.5°	0.5



TEST NUMBER: P1292210

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CANDELA DISTRIBUTION (continued):



(END OF REPORT)