

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: P1292206

Luminaire Tested: P3A09R25W2N902750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292206
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 E3DL1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

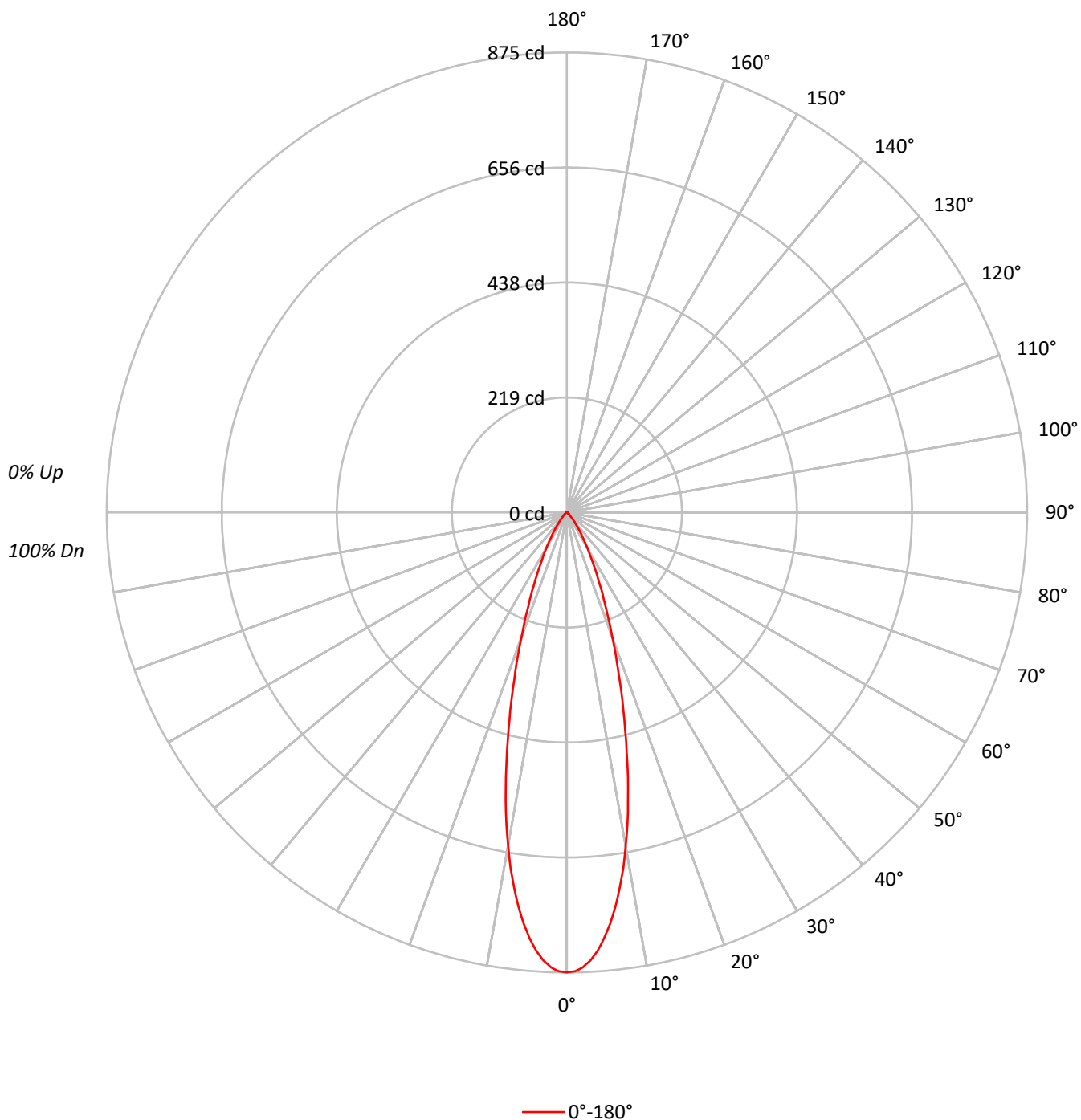
Lumens per Lamp: N/A
Luminaire Lumens: 299.0 lumens
Efficiency: N/A
Efficacy: 33.2 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1292206

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1292206

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					10
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97
2	110	105	102	99		107	104	101	98		101	98	96		98	96	94		95	93	92
3	105	100	96	92		103	98	95	91		96	93	90		94	91	89		91	89	87
4	101	95	90	87		99	94	89	86		92	88	85		90	87	84		88	85	83
5	97	90	85	82		96	89	85	81		88	84	81		86	83	80		85	82	79
6	94	86	81	78		92	86	81	78		84	80	77		83	79	77		82	78	76
7	90	83	78	74		89	82	77	74		81	77	74		80	76	73		79	75	73
8	87	79	74	71		86	79	74	71		78	74	71		77	73	70		76	73	70
9	84	76	71	68		83	76	71	68		75	71	68		74	70	68		73	70	67
10	81	73	69	65		80	73	68	65		72	68	65		72	68	65		71	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	191805
5°	178934
10°	143351
15°	97299
20°	58875
25°	34429
30°	19598
35°	10788
40°	5725
45°	3008
50°	1740
55°	1300
60°	1140
65°	1193
70°	1090
75°	932
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3008 cd/sqm

TEST NUMBER: P1292206

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.1	24.1
10°-20°	117.8	39.4
20°-30°	67.3	22.5
30°-40°	26.6	8.9
40°-50°	8.1	2.7
50°-60°	3.2	1.1
60°-70°	2.2	0.7
70°-80°	1.2	0.4
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°	257.3	86.1
0°-40°	283.9	94.9
0°-60°	295.2	98.7
0°-90°	299.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	299.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	875	
5°	813	72
15°	429	118
25°	142	67
35°	40	27
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1292206

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	874.7
1°	873.0
2°	865.8
3°	853.2
4°	835.8
5°	812.9
6°	786.1
7°	755.8
8°	720.6
9°	684.6
10°	643.8
11°	603.5
12°	559.2
13°	515.5
14°	470.6
15°	428.6
17.5°	332.3
20°	252.3
22.5°	189.4
25°	142.3
27.5°	105.4
30°	77.4
32.5°	56.0
35°	40.3
37.5°	28.6
40°	20.0
42.5°	13.7
45°	9.7
47.5°	6.9
50°	5.1
52.5°	4.0
55°	3.4
57.5°	3.1
60°	2.6
62.5°	2.3
65°	2.3
67.5°	2.0
70°	1.7
72.5°	1.4
75°	1.1
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.3



TEST NUMBER: P1292206

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)