

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: P1292209

Luminaire Tested: P3A09R25W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292209
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

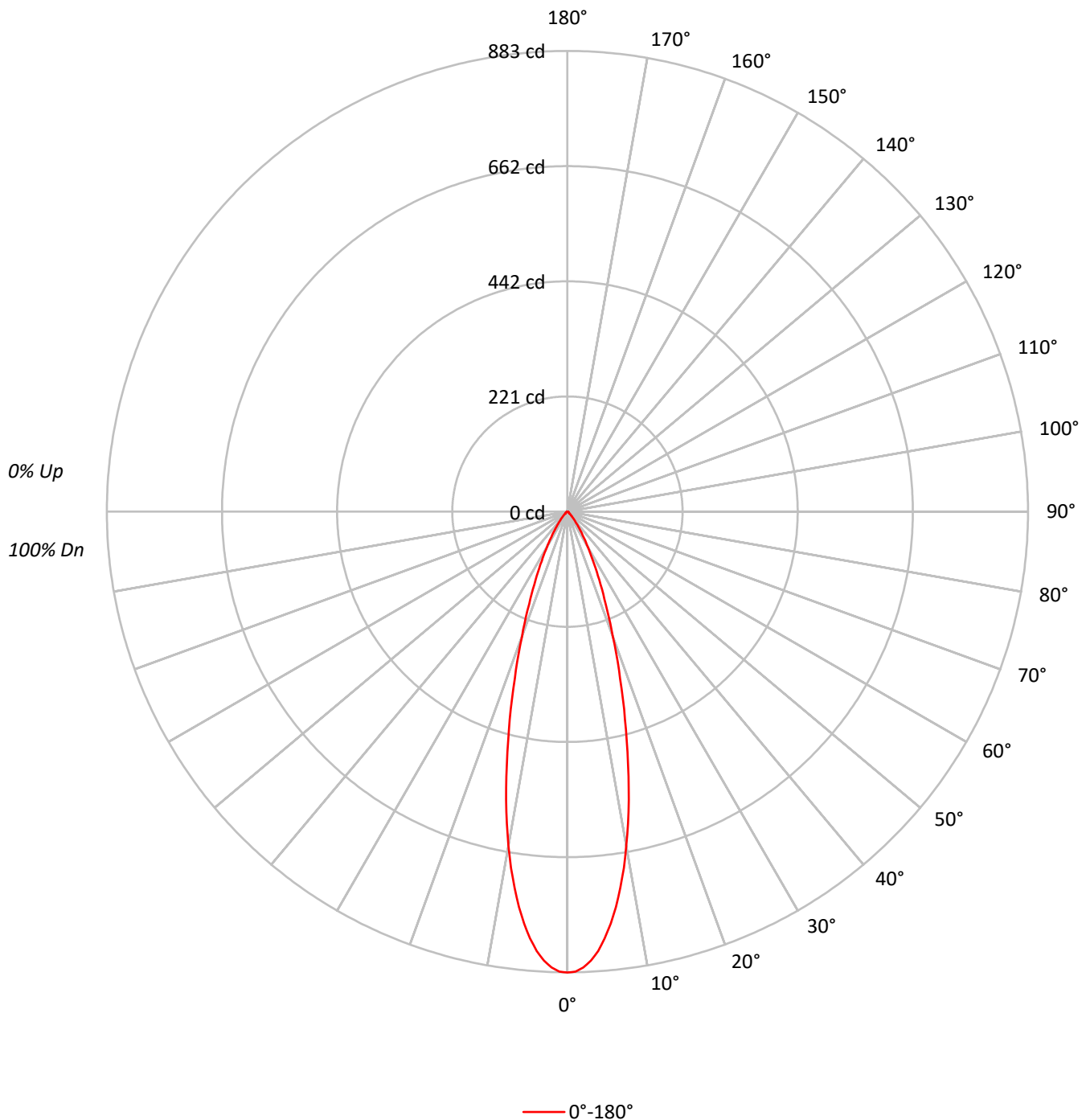
Lumens per Lamp: N/A
Luminaire Lumens: 302.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1292209

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1292209

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_5000K

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	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°	193713
5°	180739
10°	144776
15°	98275
20°	59459
25°	34768
30°	19801
35°	10895
40°	5782
45°	3039
50°	1774
55°	1338
60°	1140
65°	1193
70°	1090
75°	1017
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3039 cd/sqm

TEST NUMBER: P1292209

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.9	24.1
10°-20°	119.0	39.4
20°-30°	68.0	22.5
30°-40°	26.8	8.9
40°-50°	8.2	2.7
50°-60°	3.3	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°	259.9	86.0
0°-40°	286.7	94.9
0°-60°	298.2	98.7
0°-90°	302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	302.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	883	
5°	821	73
15°	433	119
25°	144	68
35°	41	27
45°	10	8
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1292209

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	883.4
1°	881.7
2°	874.5
3°	861.8
4°	844.2
5°	821.1
6°	794.0
7°	763.4
8°	727.9
9°	691.5
10°	650.2
11°	609.5
12°	564.8
13°	520.7
14°	475.3
15°	432.9
17.5°	335.7
20°	254.8
22.5°	191.3
25°	143.7
27.5°	106.5
30°	78.2
32.5°	56.6
35°	40.7
37.5°	28.9
40°	20.2
42.5°	13.9
45°	9.8
47.5°	6.9
50°	5.2
52.5°	4.0
55°	3.5
57.5°	3.2
60°	2.6
62.5°	2.3
65°	2.3
67.5°	2.0
70°	1.7
72.5°	1.4
75°	1.2
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.3



TEST NUMBER: P1292209

CATALOG NUMBER: P3A09R25W2N902750DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)