

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: P1299809

Luminaire Tested: P3A17R25W2N902750DE010 E3DL1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299809
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: P3A17R25W2N902750DE010 E3DL1LI_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

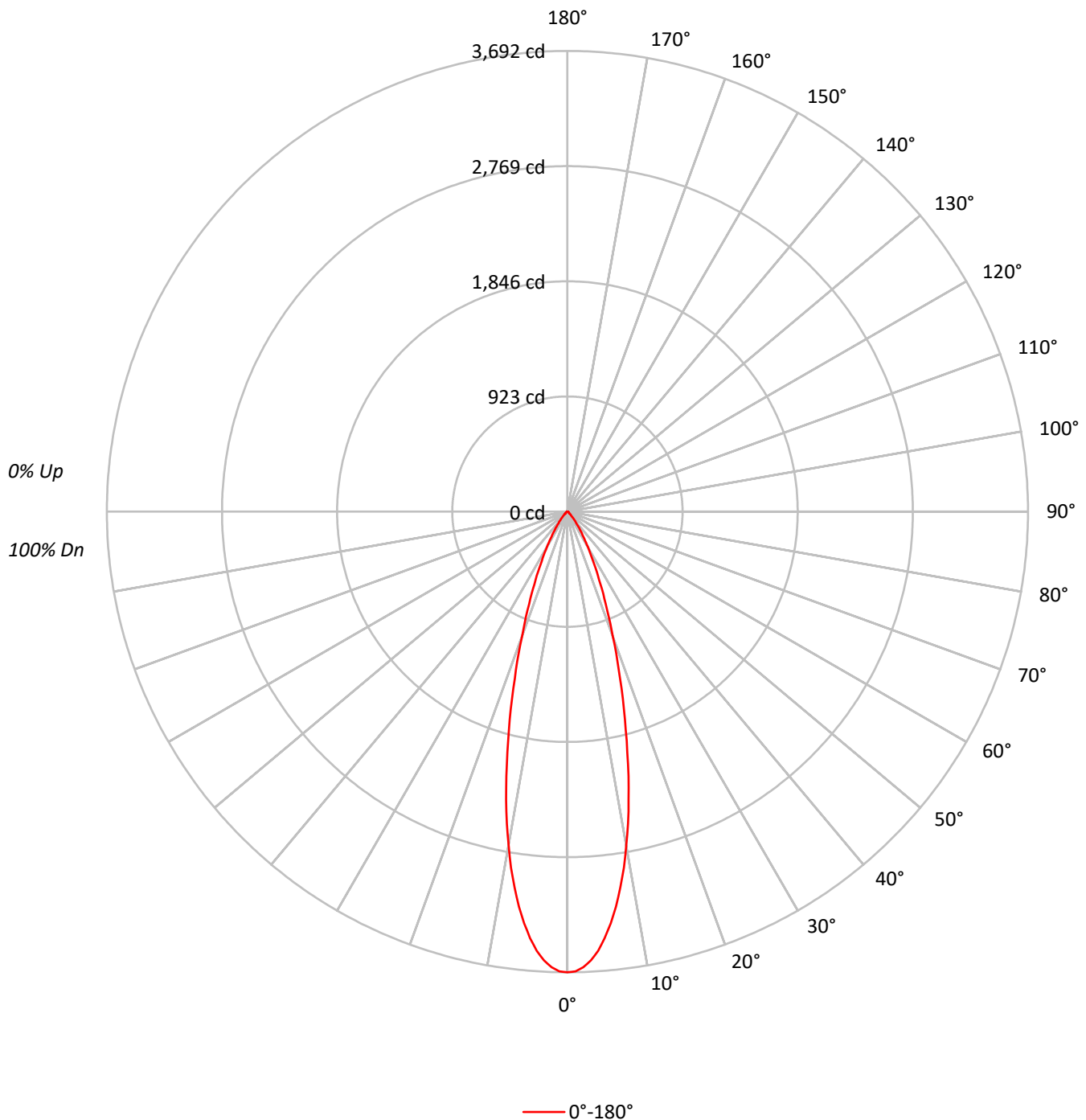
Lumens per Lamp: N/A
Luminaire Lumens: 1261.9 lumens
Efficiency: N/A
Efficacy: 65.0 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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: P1299809

CATALOG NUMBER: P3A17R25W2N902750DE010 E3DL1LI_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1299809

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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°	809518
5°	755270
10°	605021
15°	410695
20°	248498
25°	145315
30°	82747
35°	45534
40°	24160
45°	12714
50°	7403
55°	5543
60°	4780
65°	4981
70°	4616
75°	4067
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12714 cd/sqm

TEST NUMBER: P1299809

CATALOG NUMBER: P3A17R25W2N902750DE010 E3DL1LI_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	304.5	24.1
10°-20°	497.4	39.4
20°-30°	284.2	22.5
30°-40°	112.2	8.9
40°-50°	34.4	2.7
50°-60°	13.6	1.1
60°-70°	9.1	0.7
70°-80°	5.1	0.4
80°-90°	1.6	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°	1086.0	86.1
0°-40°	1198.2	94.9
0°-60°	1246.2	98.8
0°-90°	1261.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1261.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3692	
5°	3431	304
15°	1809	497
25°	601	284
35°	170	112
45°	41	34
55°	14	14
65°	10	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3691.7
1°	3684.5
2°	3654.3
3°	3601.3
4°	3527.7
5°	3431.2
6°	3317.9
7°	3190.0
8°	3041.7
9°	2889.7
10°	2717.2
11°	2547.2
12°	2360.2
13°	2175.7
14°	1986.4
15°	1809.1
17.5°	1402.6
20°	1064.9
22.5°	799.6
25°	600.6
27.5°	445.0
30°	326.8
32.5°	236.4
35°	170.1
37.5°	120.6
40°	84.4
42.5°	57.9
45°	41.0
47.5°	28.9
50°	21.7
52.5°	16.9
55°	14.5
57.5°	13.3
60°	10.9
62.5°	9.6
65°	9.6
67.5°	8.4
70°	7.2
72.5°	6.0
75°	4.8
77.5°	3.6
80°	2.4
82.5°	2.4
85°	1.2
87.5°	1.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)