

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: P1299839

Luminaire Tested: P3A17R25W2N902750DE010 E3DLD1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299839
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R25W2N902750DE010 E3DLD1LI_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

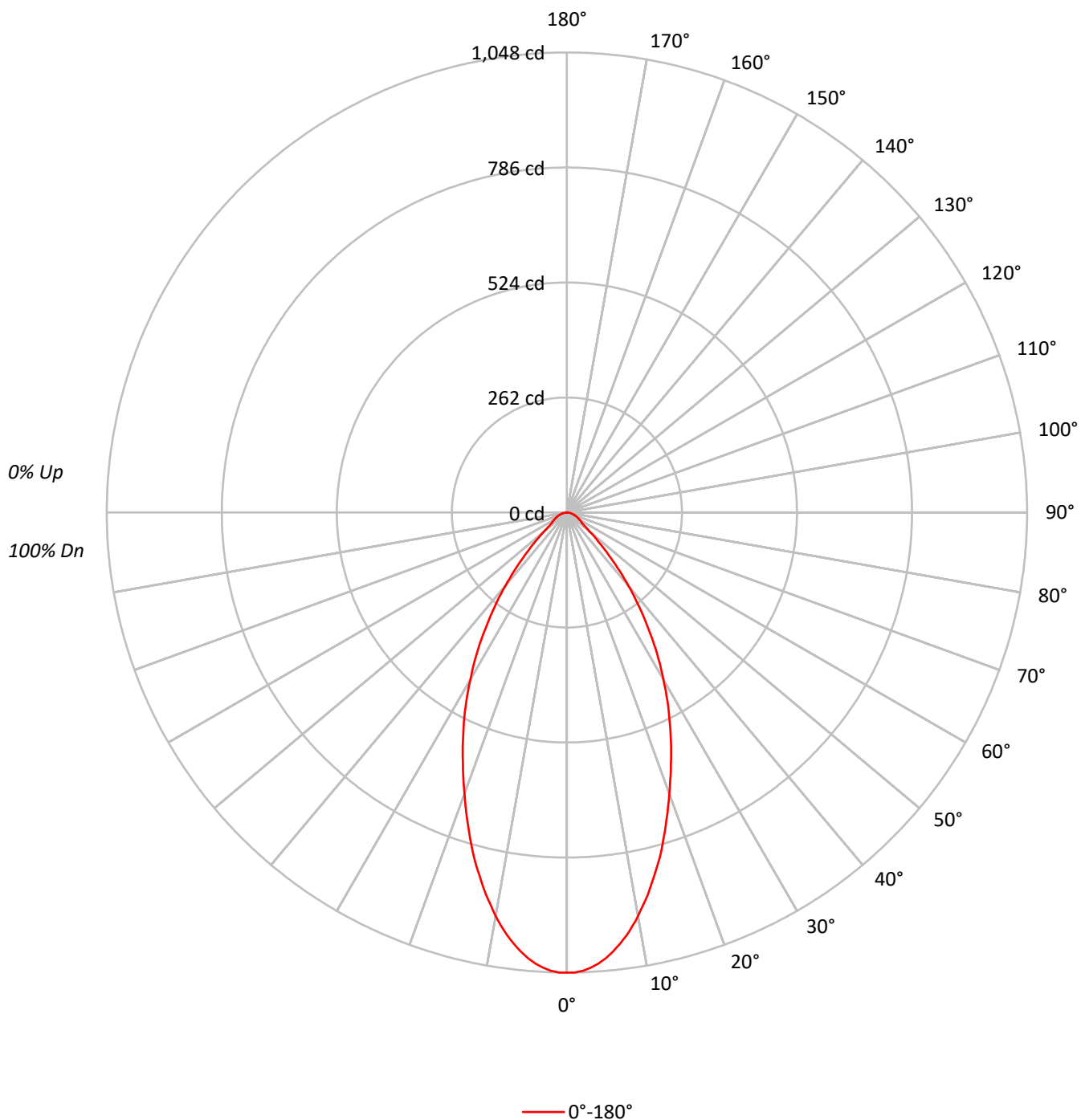
Lumens per Lamp: N/A
Luminaire Lumens: 967.0 lumens
Efficiency: N/A
Efficacy: 49.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1299839

CATALOG NUMBER: P3A17R25W2N902750DE010 E3DLD1LI_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1299839

CATALOG NUMBER: P3A17R25W2N902750DE010 E3DLD1LI_5000K

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229828
5°	224345
10°	207879
15°	185154
20°	159100
25°	135250
30°	111334
35°	86759
40°	62403
45°	39601
50°	23436
55°	16133
60°	14780
65°	13750
70°	12374
75°	11268
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 39601 cd/sqm

TEST NUMBER: P1299839

CATALOG NUMBER: P3A17R25W2N902750DE010 E3DLD1LI_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.5	9.8
10°-20°	226.4	23.4
20°-30°	255.8	26.5
30°-40°	202.3	20.9
40°-50°	102.2	10.6
50°-60°	40.9	4.2
60°-70°	26.2	2.7
70°-80°	14.5	1.5
80°-90°	4.1	0.4
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°	576.7	59.6
0°-40°	779.1	80.6
0°-60°	922.2	95.4
0°-90°	967.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	967.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1048	
5°	1019	95
15°	816	226
25°	559	256
35°	324	202
45°	128	102
55°	42	41
65°	26	26
75°	13	14
85°	4	4
90°	0	

TEST NUMBER: P1299839

CATALOG NUMBER: P3A17R25W2N902750DE010 E3DLD1LI_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1048.1
1°	1048.1
2°	1044.5
3°	1038.4
4°	1030.0
5°	1019.2
6°	1005.9
7°	990.2
8°	973.4
9°	954.1
10°	933.6
11°	910.7
12°	889.1
13°	863.8
14°	839.7
15°	815.6
17.5°	748.1
20°	681.8
22.5°	619.2
25°	559.0
27.5°	499.9
30°	439.7
32.5°	383.1
35°	324.1
37.5°	269.8
40°	218.0
42.5°	169.9
45°	127.7
47.5°	95.2
50°	68.7
52.5°	51.8
55°	42.2
57.5°	38.5
60°	33.7
62.5°	30.1
65°	26.5
67.5°	22.9
70°	19.3
72.5°	16.9
75°	13.3
77.5°	10.8
80°	8.4
82.5°	6.0
85°	3.6
87.5°	1.2



TEST NUMBER: P1299839

CATALOG NUMBER: P3A17R25W2N902750DE010 E3DLD1LI_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)