

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: P1299817

Luminaire Tested: P3A17R25W2N902750DE010 E3DL1WH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299817
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R25W2N902750DE010 E3DL1WH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

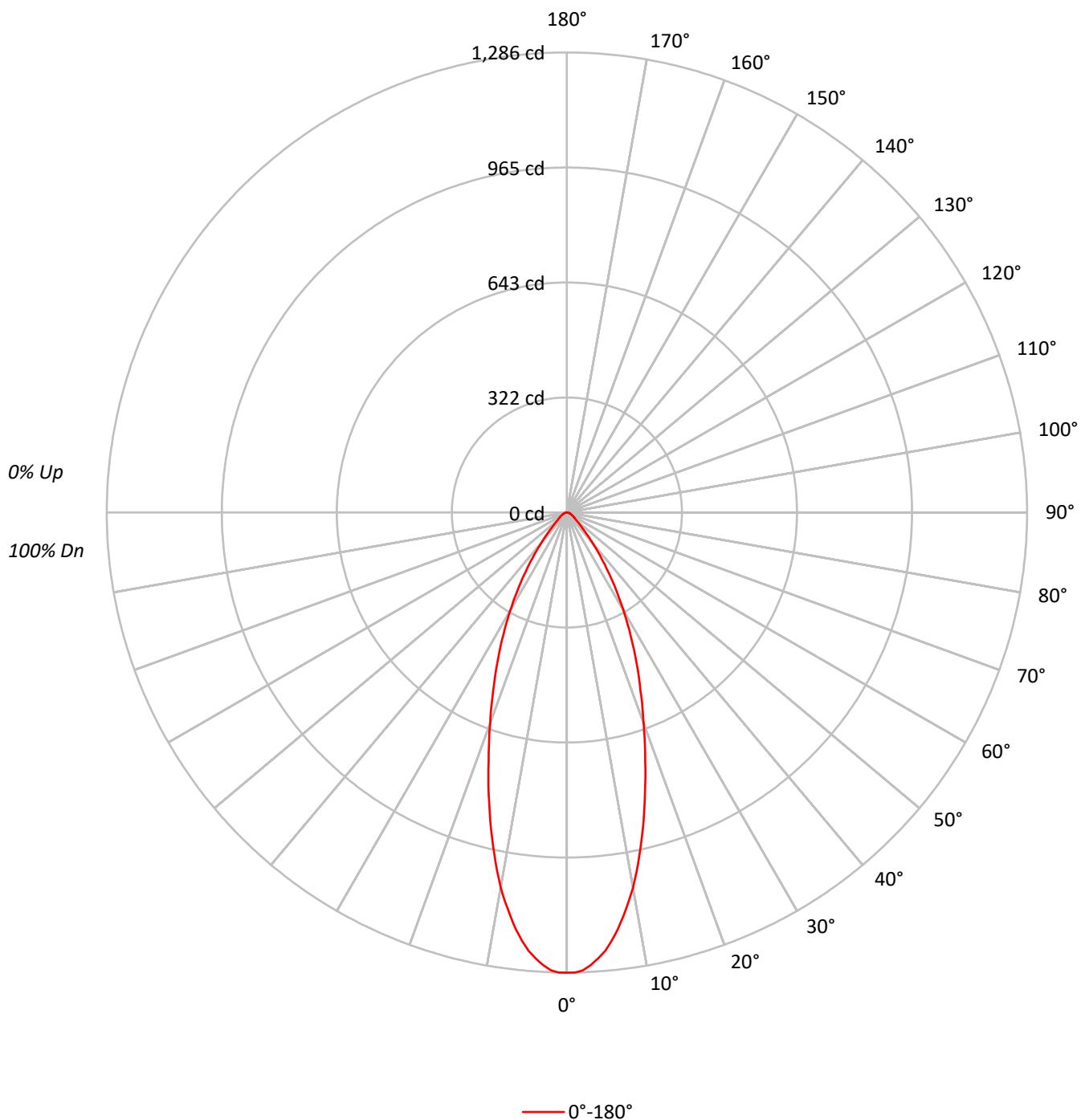
Lumens per Lamp: N/A
Luminaire Lumens: 777.0 lumens
Efficiency: N/A
Efficacy: 40.1 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1299817

CATALOG NUMBER: P3A17R25W2N902750DE010 E3DL1WH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1299817

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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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92	90	88	86
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82	79	76	75
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78	74	71	70
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63	62
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	282105
5°	270635
10°	237092
15°	190580
20°	146429
25°	110789
30°	80063
35°	53190
40°	32260
45°	18793
50°	11974
55°	9711
60°	8508
65°	7524
70°	6219
75°	6185
80°	4546
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18793 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.9	14.4
10°-20°	232.1	29.9
20°-30°	209.9	27.0
30°-40°	126.1	16.2
40°-50°	50.1	6.4
50°-60°	23.1	3.0
60°-70°	14.1	1.8
70°-80°	7.5	1.0
80°-90°	2.1	0.3
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°	554.0	71.3
0°-40°	680.1	87.5
0°-60°	753.3	96.9
0°-90°	777.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	777.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1286	
5°	1230	112
15°	840	232
25°	458	210
35°	199	126
45°	61	50
55°	25	23
65°	14	14
75°	7	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1286.5
1°	1286.5
2°	1280.4
3°	1267.1
4°	1250.1
5°	1229.5
6°	1202.9
7°	1172.6
8°	1137.5
9°	1102.3
10°	1064.8
11°	1021.2
12°	976.3
13°	931.5
14°	886.7
15°	839.5
17.5°	728.0
20°	627.5
22.5°	536.6
25°	457.9
27.5°	384.0
30°	316.2
32.5°	254.4
35°	198.7
37.5°	151.4
40°	112.7
42.5°	82.4
45°	60.6
47.5°	46.0
50°	35.1
52.5°	29.1
55°	25.4
57.5°	21.8
60°	19.4
62.5°	15.7
65°	14.5
67.5°	12.1
70°	9.7
72.5°	8.5
75°	7.3
77.5°	6.1
80°	3.6
82.5°	2.4
85°	2.4
87.5°	1.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)