

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: P1299819

Luminaire Tested: P3A17R25W2N902750DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299819
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

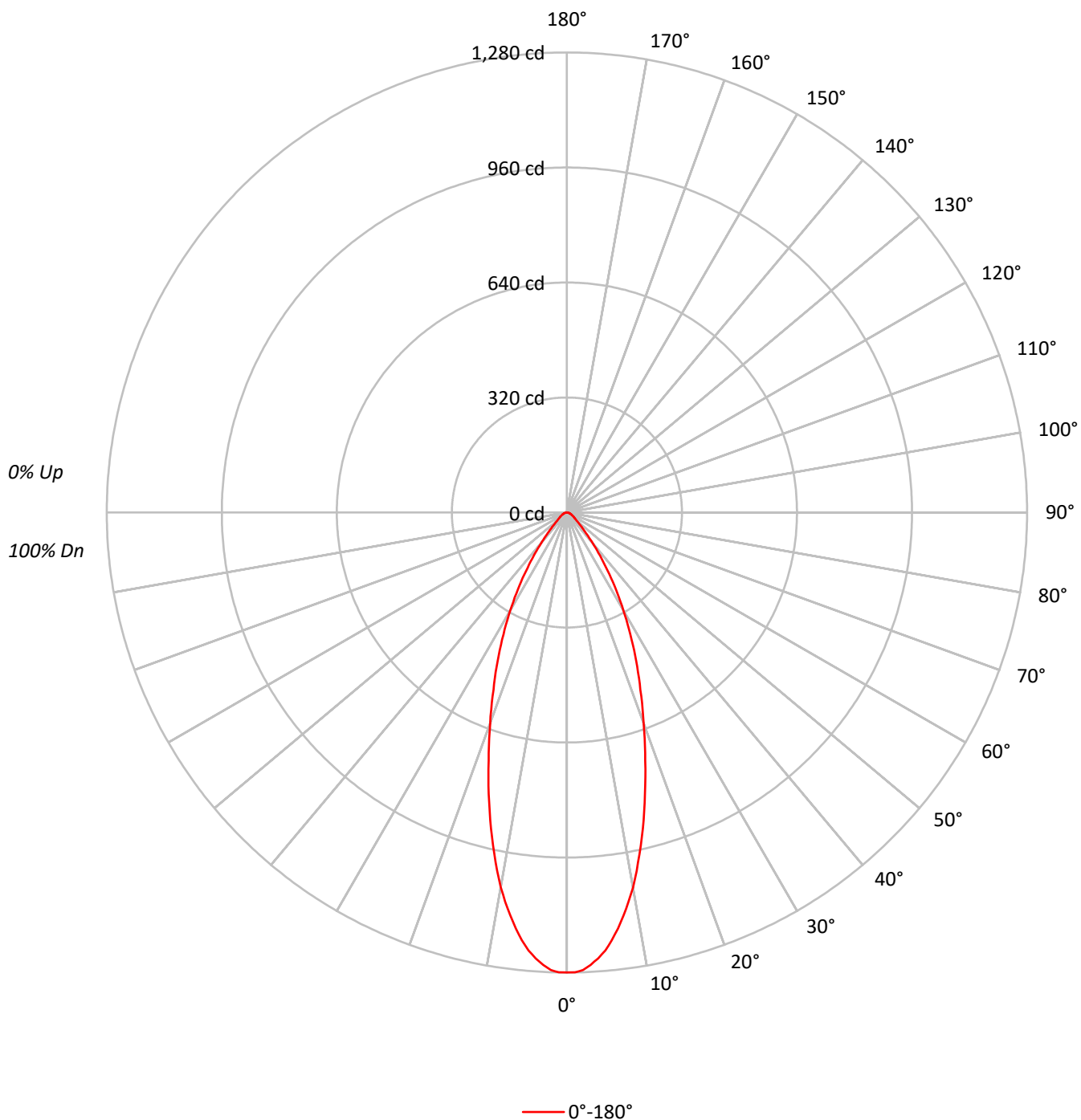
Lumens per Lamp: N/A
Luminaire Lumens: 773.0 lumens
Efficiency: N/A
Efficacy: 39.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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°	280635
5°	269249
10°	235867
15°	189581
20°	145659
25°	110208
30°	79633
35°	52896
40°	32089
45°	18700
50°	11906
55°	9672
60°	8464
65°	7524
70°	6155
75°	6100
80°	4546
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18700 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.3	14.4
10°-20°	230.9	29.9
20°-30°	208.8	27.0
30°-40°	125.4	16.2
40°-50°	49.8	6.4
50°-60°	23.0	3.0
60°-70°	14.0	1.8
70°-80°	7.4	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°	551.1	71.3
0°-40°	676.6	87.5
0°-60°	749.4	96.9
0°-90°	773.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	773.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1280	
5°	1223	111
15°	835	231
25°	456	209
35°	198	125
45°	60	50
55°	25	23
65°	14	14
75°	7	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1279.8
1°	1279.8
2°	1273.8
3°	1260.5
4°	1243.7
5°	1223.2
6°	1196.7
7°	1166.5
8°	1131.6
9°	1096.7
10°	1059.3
11°	1015.9
12°	971.3
13°	926.7
14°	882.1
15°	835.1
17.5°	724.3
20°	624.2
22.5°	533.9
25°	455.5
27.5°	382.0
30°	314.5
32.5°	253.1
35°	197.6
37.5°	150.6
40°	112.1
42.5°	81.9
45°	60.3
47.5°	45.8
50°	34.9
52.5°	28.9
55°	25.3
57.5°	21.7
60°	19.3
62.5°	15.7
65°	14.5
67.5°	12.1
70°	9.6
72.5°	8.4
75°	7.2
77.5°	6.0
80°	3.6
82.5°	2.4
85°	2.4
87.5°	1.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)