

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: P1299827

Luminaire Tested: P3A17R25W2N902750DE010 E3DLD1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299827
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 E3DLD1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

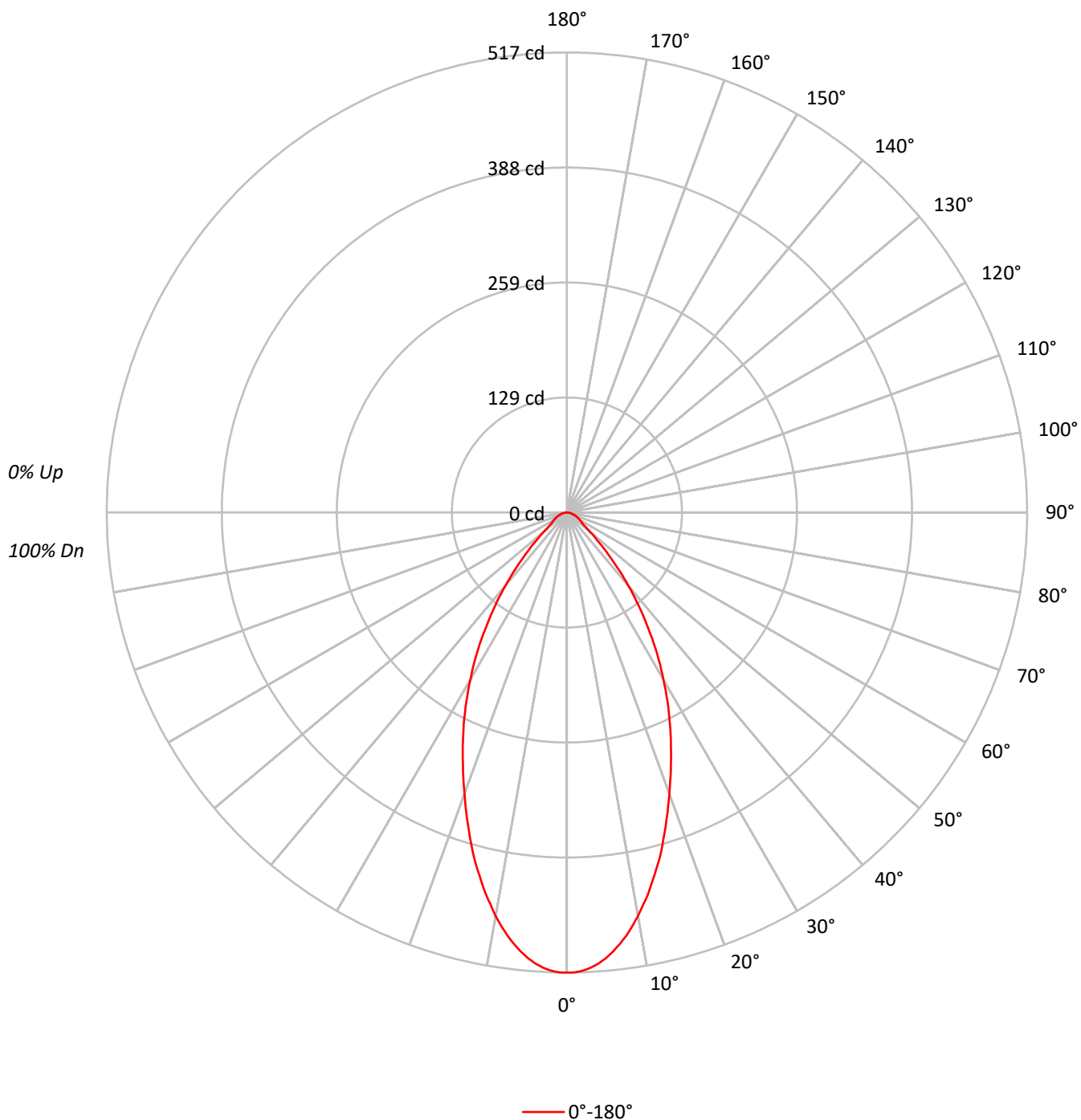
Lumens per Lamp: N/A
Luminaire Lumens: 477.0 lumens
Efficiency: N/A
Efficacy: 24.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	113368
5°	110653
10°	102537
15°	91329
20°	78477
25°	66705
30°	54920
35°	42804
40°	30801
45°	19537
50°	11565
55°	7952
60°	7280
65°	6797
70°	6091
75°	5507
80°	5304
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 19537 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.6	9.8
10°-20°	111.7	23.4
20°-30°	126.2	26.5
30°-40°	99.8	20.9
40°-50°	50.4	10.6
50°-60°	20.2	4.2
60°-70°	12.9	2.7
70°-80°	7.1	1.5
80°-90°	2.0	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°	284.5	59.6
0°-40°	384.3	80.6
0°-60°	454.9	95.4
0°-90°	477.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	477.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	517	
5°	503	47
15°	402	112
25°	276	126
35°	160	100
45°	63	50
55°	21	20
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	517.0
1°	517.0
2°	515.2
3°	512.2
4°	508.1
5°	502.7
6°	496.2
7°	488.5
8°	480.1
9°	470.6
10°	460.5
11°	449.2
12°	438.6
13°	426.1
14°	414.2
15°	402.3
17.5°	369.0
20°	336.3
22.5°	305.4
25°	275.7
27.5°	246.6
30°	216.9
32.5°	189.0
35°	159.9
37.5°	133.1
40°	107.6
42.5°	83.8
45°	63.0
47.5°	46.9
50°	33.9
52.5°	25.6
55°	20.8
57.5°	19.0
60°	16.6
62.5°	14.9
65°	13.1
67.5°	11.3
70°	9.5
72.5°	8.3
75°	6.5
77.5°	5.3
80°	4.2
82.5°	3.0
85°	1.8
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)