

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: P1299829

Luminaire Tested: P3A17R25W2N902750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299829
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

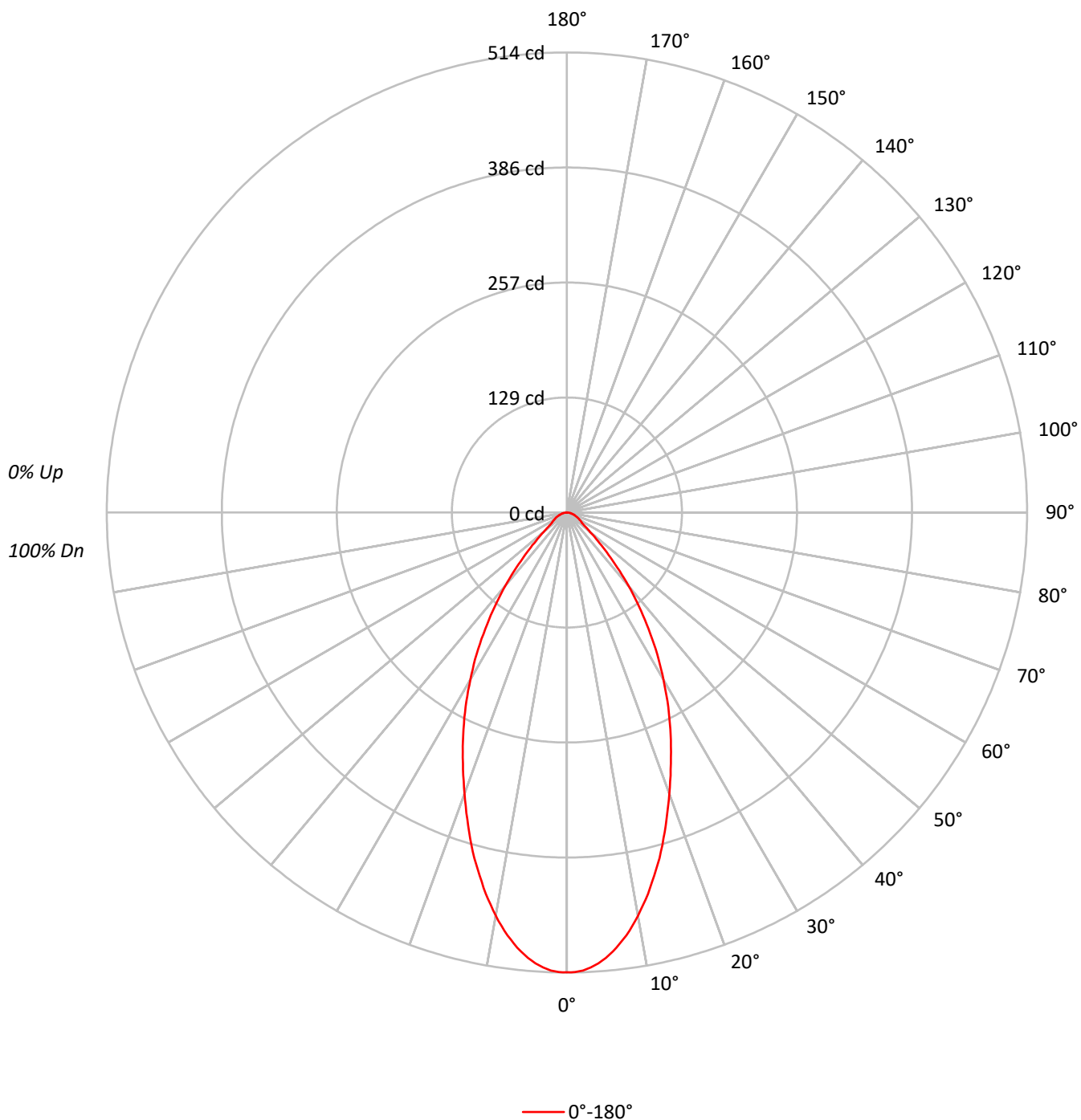
Lumens per Lamp: N/A
Luminaire Lumens: 474.0 lumens
Efficiency: N/A
Efficacy: 24.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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°	112644
5°	109971
10°	101891
15°	90761
20°	77987
25°	66294
30°	54565
35°	42510
40°	30600
45°	19413
50°	11496
55°	7914
60°	7236
65°	6745
70°	6027
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 19413 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.3	9.8
10°-20°	111.0	23.4
20°-30°	125.4	26.5
30°-40°	99.2	20.9
40°-50°	50.1	10.6
50°-60°	20.1	4.2
60°-70°	12.8	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°	282.7	59.6
0°-40°	381.9	80.6
0°-60°	452.1	95.4
0°-90°	474.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	474.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	514	
5°	500	46
15°	400	111
25°	274	125
35°	159	99
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°	513.7
1°	513.7
2°	512.0
3°	509.0
4°	504.9
5°	499.6
6°	493.1
7°	485.4
8°	477.1
9°	467.7
10°	457.6
11°	446.4
12°	435.8
13°	423.4
14°	411.6
15°	399.8
17.5°	366.7
20°	334.2
22.5°	303.5
25°	274.0
27.5°	245.1
30°	215.5
32.5°	187.8
35°	158.8
37.5°	132.3
40°	106.9
42.5°	83.3
45°	62.6
47.5°	46.6
50°	33.7
52.5°	25.4
55°	20.7
57.5°	18.9
60°	16.5
62.5°	14.8
65°	13.0
67.5°	11.2
70°	9.4
72.5°	8.3
75°	6.5
77.5°	5.3
80°	4.1
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)