

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: P1288441

Luminaire Tested: P3A05R25W2N902750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288441
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: P3A05R25W2N902750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

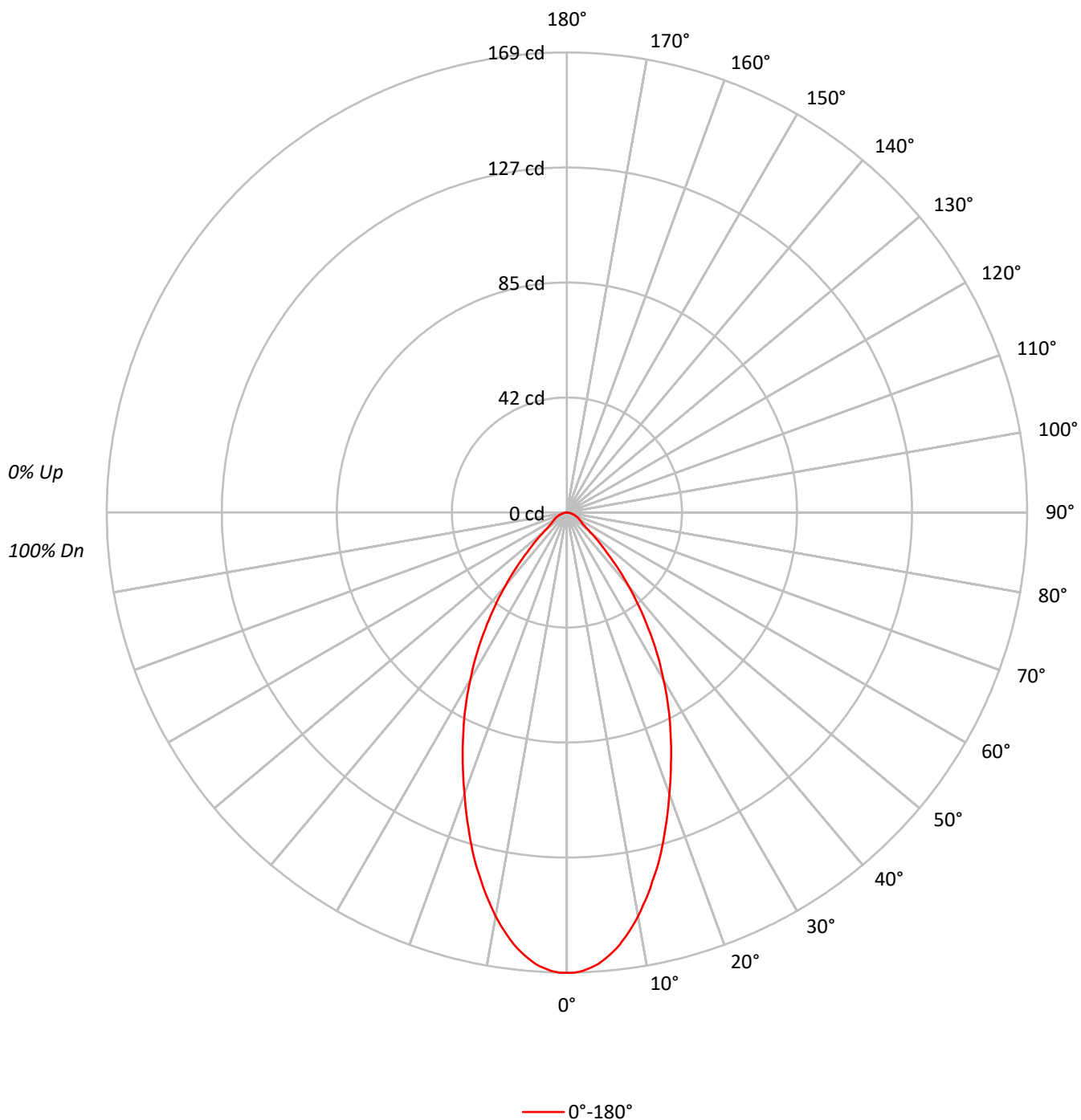
Lumens per Lamp: N/A
Luminaire Lumens: 156.0 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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°	37080
5°	36187
10°	33533
15°	29875
20°	25669
25°	21824
30°	17952
35°	14000
40°	10076
45°	6388
50°	3787
55°	2600
60°	2368
65°	2231
70°	1988
75°	1779
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6388 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.2	9.8
10°-20°	36.5	23.4
20°-30°	41.3	26.5
30°-40°	32.6	20.9
40°-50°	16.5	10.6
50°-60°	6.6	4.2
60°-70°	4.2	2.7
70°-80°	2.3	1.5
80°-90°	0.7	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°	93.1	59.6
0°-40°	125.7	80.6
0°-60°	148.8	95.4
0°-90°	156.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	156.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	169	
5°	164	15
15°	132	37
25°	90	41
35°	52	33
45°	21	17
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	169.1
1°	169.1
2°	168.5
3°	167.5
4°	166.2
5°	164.4
6°	162.3
7°	159.8
8°	157.0
9°	153.9
10°	150.6
11°	146.9
12°	143.4
13°	139.3
14°	135.5
15°	131.6
17.5°	120.7
20°	110.0
22.5°	99.9
25°	90.2
27.5°	80.7
30°	70.9
32.5°	61.8
35°	52.3
37.5°	43.5
40°	35.2
42.5°	27.4
45°	20.6
47.5°	15.4
50°	11.1
52.5°	8.4
55°	6.8
57.5°	6.2
60°	5.4
62.5°	4.9
65°	4.3
67.5°	3.7
70°	3.1
72.5°	2.7
75°	2.1
77.5°	1.7
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)