

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: P1288440

Luminaire Tested: P3A05R25W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288440
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

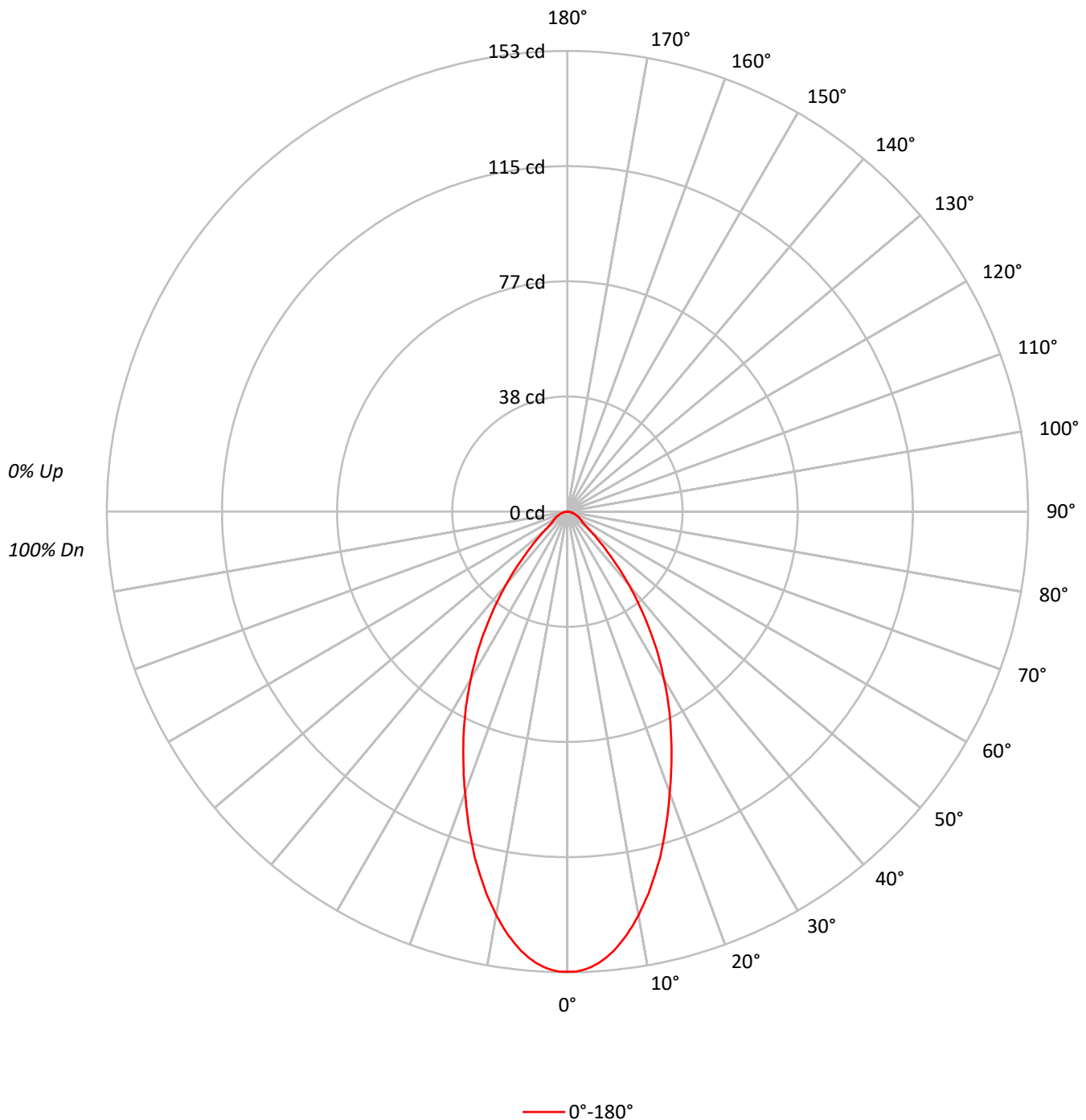
Lumens per Lamp: N/A
Luminaire Lumens: 141.0 lumens
Efficiency: N/A
Efficacy: 23.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	33506
5°	32710
10°	30304
15°	26992
20°	23195
25°	19719
30°	16230
35°	12662
40°	9103
45°	5768
50°	3411
55°	2332
60°	2149
65°	2024
70°	1795
75°	1610
80°	1515
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.8	9.8
10°-20°	33.0	23.4
20°-30°	37.3	26.5
30°-40°	29.5	20.9
40°-50°	14.9	10.6
50°-60°	6.0	4.2
60°-70°	3.8	2.7
70°-80°	2.1	1.5
80°-90°	0.6	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°	84.1	59.6
0°-40°	113.6	80.6
0°-60°	134.5	95.4
0°-90°	141.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	141.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	153	
5°	149	14
15°	119	33
25°	82	37
35°	47	30
45°	19	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	152.8
1°	152.8
2°	152.3
3°	151.4
4°	150.2
5°	148.6
6°	146.7
7°	144.4
8°	141.9
9°	139.1
10°	136.1
11°	132.8
12°	129.6
13°	125.9
14°	122.4
15°	118.9
17.5°	109.1
20°	99.4
22.5°	90.3
25°	81.5
27.5°	72.9
30°	64.1
32.5°	55.9
35°	47.3
37.5°	39.3
40°	31.8
42.5°	24.8
45°	18.6
47.5°	13.9
50°	10.0
52.5°	7.6
55°	6.1
57.5°	5.6
60°	4.9
62.5°	4.4
65°	3.9
67.5°	3.3
70°	2.8
72.5°	2.5
75°	1.9
77.5°	1.6
80°	1.2
82.5°	0.9
85°	0.5
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)