

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: P1288390

Luminaire Tested: P3A05R25W2N902750DE010 E3D1LI_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288390
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R25W2N902750DE010 E3D1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

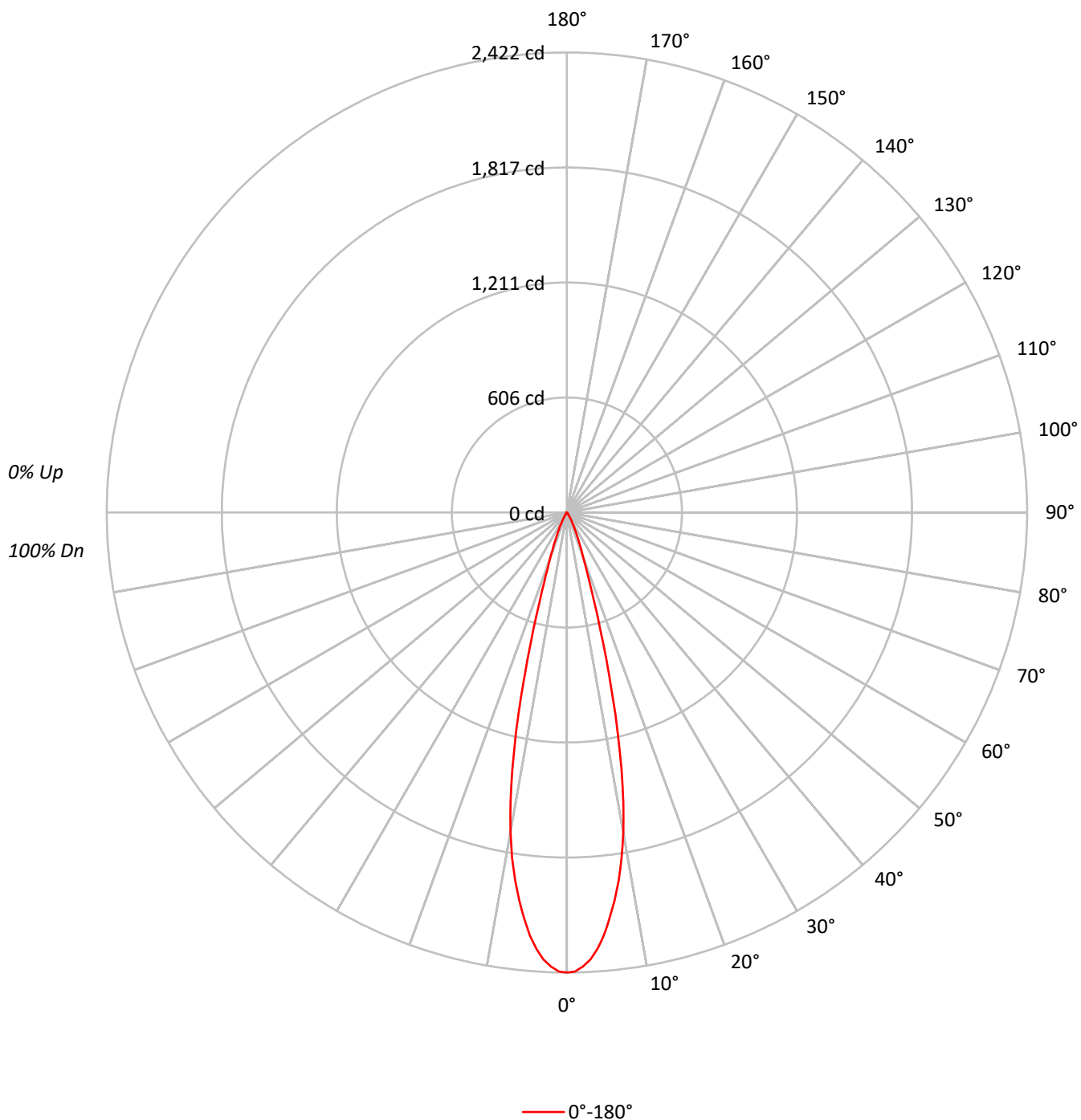
Lumens per Lamp: N/A
Luminaire Lumens: 485.0 lumens
Efficiency: N/A
Efficacy: 82.2 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97			
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94			
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92			
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89			
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87			
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85			
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83			
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81			
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79			
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	531164
5°	492052
10°	380710
15°	181840
20°	59949
25°	25284
30°	9799
35°	4230
40°	1403
45°	651
50°	239
55°	153
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 651 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	196.5	40.5
10°-20°	223.5	46.1
20°-30°	51.9	10.7
30°-40°	10.9	2.2
40°-50°	1.8	0.4
50°-60°	0.3	0.1
60°-70°	0.2	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	471.9	97.3
0°-40°	482.8	99.5
0°-60°	484.9	100.0
0°-90°	485.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	485.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2422	
5°	2235	196
15°	801	223
25°	104	52
35°	16	11
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2422.3
1°	2417.4
2°	2392.2
3°	2356.9
4°	2302.9
5°	2235.4
6°	2148.7
7°	2058.0
8°	1956.1
9°	1841.3
10°	1709.8
11°	1557.3
12°	1382.3
13°	1190.7
14°	990.2
15°	801.0
16°	633.6
17°	493.6
18°	388.3
19°	310.5
20°	256.9
21°	214.7
22°	180.2
23°	150.5
24°	125.9
25°	104.5
27.5°	61.9
30°	38.7
32.5°	24.8
35°	15.8
37.5°	9.5
40°	4.9
42.5°	3.2
45°	2.1
47.5°	1.2
50°	0.7
52.5°	0.4
55°	0.4
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)