

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: P1288485

Luminaire Tested: P3A05R25W2N902750DE010 E3DLP1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288485
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R25W2N902750DE010 E3DLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

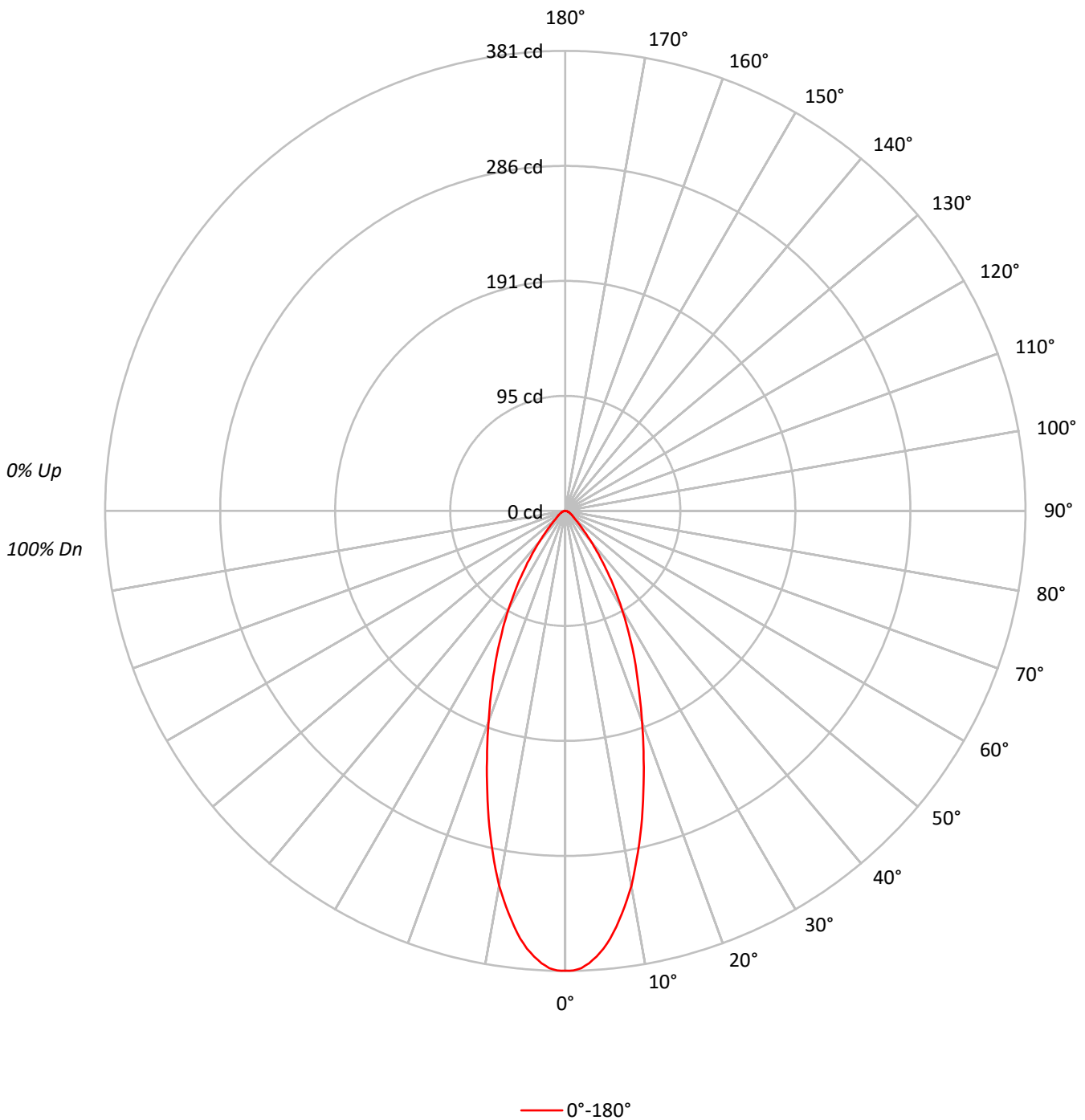
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 230.0 lumens
Efficiency: N/A
Efficacy: 39.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
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									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	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	99	98	97	96	95	93	92	90	88	86																	
	1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	92	90	88	86	84	82	80	78	76	75																	
	2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	84	82	80	78	76	75	73	71	70	68																	
	3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	78	76	75	73	71	70	68	66	64	62																	
	4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	73	71	70	68	66	64	62	60	58	55																	
	5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	68	66	64	62	60	58	55	52	50	48																	
	6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	64	62	60	58	55	52	50	48	46	44																	
	7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	60	58	55	52	50	48	46	44	42	40																	
	8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	55	52	50	48	46	44	42	40	38	36																	
	9	76	67	61	57	75	66	61	57	65	60	57	64	60	57	64	59	56	55	52	50	48	46	44	42	40	38	36	34																	
	10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	50	48	46	44	42	40	38	36	34	32																	

AVERAGE LUMINANCE (cd/sqm):

0°	83502
5°	80101
10°	70184
15°	56413
20°	43334
25°	32784
30°	23700
35°	15740
40°	9532
45°	5551
50°	3548
55°	2867
60°	2500
65°	2231
70°	1859
75°	1864
80°	1389
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5551 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	14.4
10°-20°	68.7	29.9
20°-30°	62.1	27.0
30°-40°	37.3	16.2
40°-50°	14.8	6.4
50°-60°	6.8	3.0
60°-70°	4.2	1.8
70°-80°	2.2	1.0
80°-90°	0.6	0.3
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°	164.0	71.3
0°-40°	201.3	87.5
0°-60°	222.9	96.9
0°-90°	230.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	230.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	381	
5°	364	33
15°	248	69
25°	136	62
35°	59	37
45°	18	15
55°	8	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	380.8
1°	380.8
2°	379.0
3°	375.1
4°	370.0
5°	363.9
6°	356.1
7°	347.1
8°	336.7
9°	326.3
10°	315.2
11°	302.3
12°	289.0
13°	275.7
14°	262.5
15°	248.5
17.5°	215.5
20°	185.7
22.5°	158.8
25°	135.5
27.5°	113.7
30°	93.6
32.5°	75.3
35°	58.8
37.5°	44.8
40°	33.3
42.5°	24.4
45°	17.9
47.5°	13.6
50°	10.4
52.5°	8.6
55°	7.5
57.5°	6.5
60°	5.7
62.5°	4.7
65°	4.3
67.5°	3.6
70°	2.9
72.5°	2.5
75°	2.2
77.5°	1.8
80°	1.1
82.5°	0.7
85°	0.7
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)