

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: P1294743

Luminaire Tested: P3AS09R65W2N902750DE010 E3D1H_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294743
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65W2N902750DE010 E3D1H_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

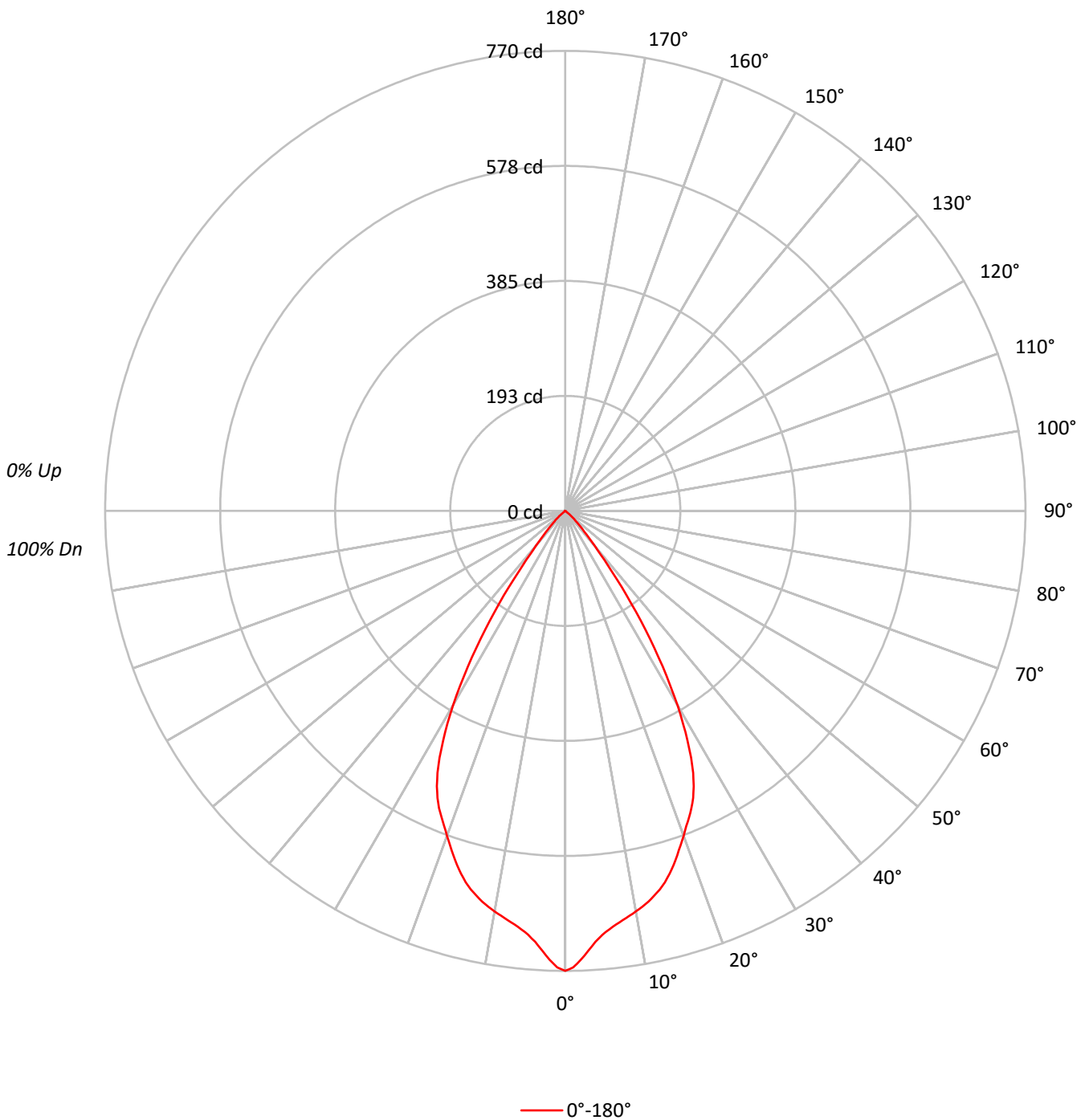
Lumens per Lamp: N/A
Luminaire Lumens: 630.0 lumens
Efficiency: N/A
Efficacy: 70.0 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88				88
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82				82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77				77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72				72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67				67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63				63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59				59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56				56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	168802
5°	156746
10°	151589
15°	146085
20°	135042
25°	123055
30°	95078
35°	55118
40°	21870
45°	9303
50°	2217
55°	306
60°	219
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9303 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.2	10.7
10°-20°	179.3	28.5
20°-30°	226.9	36.0
30°-40°	129.2	20.5
40°-50°	25.7	4.1
50°-60°	1.3	0.2
60°-70°	0.4	0.1
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°	473.4	75.1
0°-40°	602.6	95.6
0°-60°	629.6	99.9
0°-90°	630.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	630.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	770	
5°	712	67
15°	644	179
25°	509	227
35°	206	129
45°	30	26
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	769.8
1°	764.2
2°	751.7
3°	737.2
4°	723.0
5°	712.1
6°	704.1
7°	697.6
8°	691.9
9°	686.2
10°	680.8
11°	674.8
12°	668.6
13°	661.1
14°	653.1
15°	643.5
16°	632.1
17°	619.7
18°	606.2
19°	592.0
20°	578.7
21°	565.3
22°	553.1
23°	540.4
24°	525.7
25°	508.6
26°	488.1
27°	463.5
28°	435.8
29°	406.3
30°	375.5
31°	341.5
32°	307.9
32.5°	290.5
33°	273.7
34°	239.5
35°	205.9
36°	174.8
37°	144.0
37.5°	128.2
38°	115.5
39°	93.5
40°	76.4
42.5°	47.1
45°	30.0



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	17.6
50°	6.5
52.5°	1.3
55°	0.8
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.0
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)