

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: P1295120

Luminaire Tested: P3AS09R70W2N902750DE010 E3DLP1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295120
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R70W2N902750DE010 E3DLP1GPH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R70 optic, 4000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

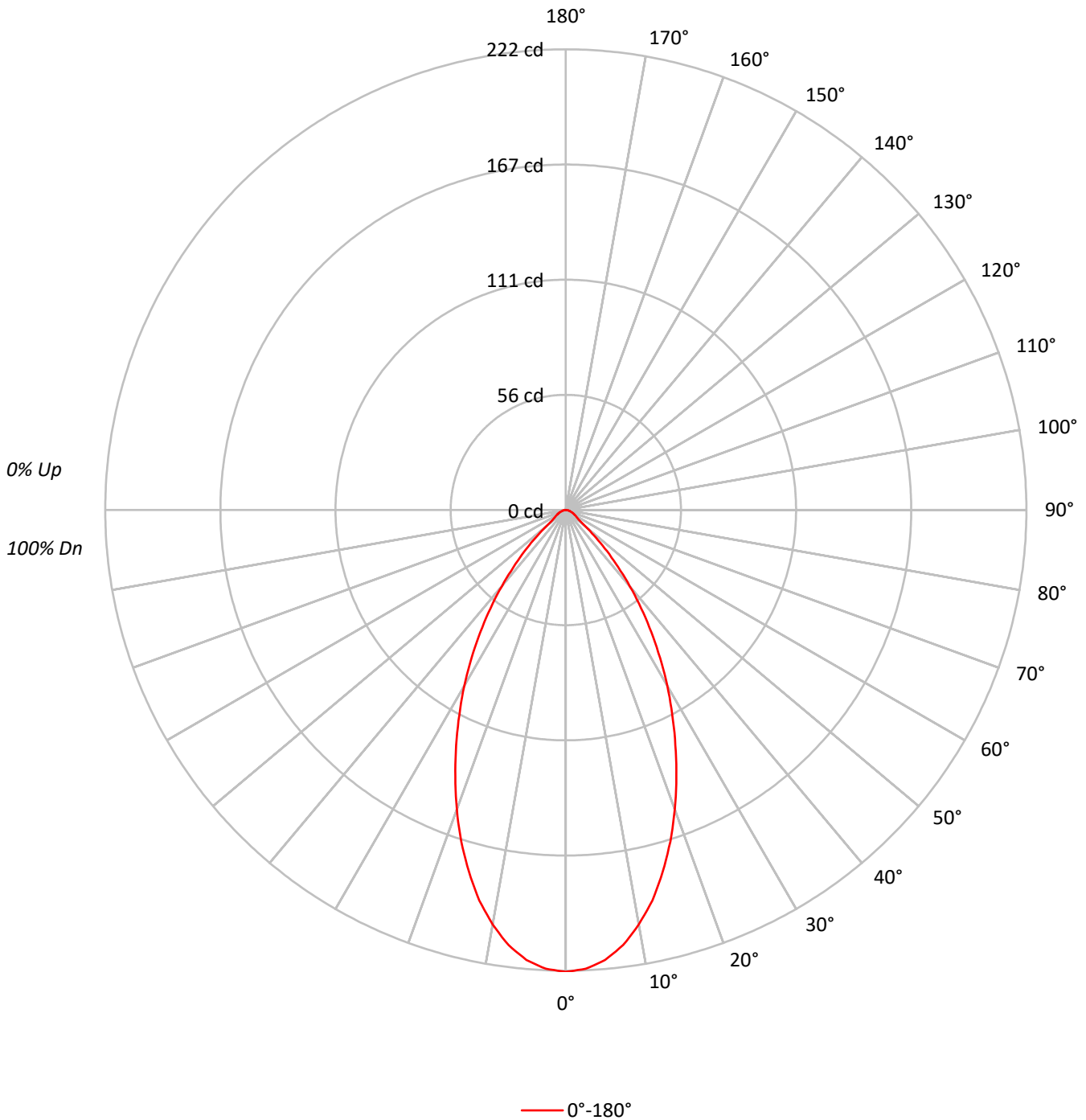
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 208.0 lumens
Efficiency: N/A
Efficacy: 23.1 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
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				
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	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48790
5°	47898
10°	45156
15°	40976
20°	35843
25°	30244
30°	24763
35°	19220
40°	13740
45°	8714
50°	4332
55°	2638
60°	2281
65°	2127
70°	1859
75°	1694
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8714 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	9.8
10°-20°	50.2	24.1
20°-30°	57.2	27.5
30°-40°	44.7	21.5
40°-50°	22.0	10.6
50°-60°	6.8	3.2
60°-70°	4.0	1.9
70°-80°	2.1	1.0
80°-90°	0.7	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°	127.7	61.4
0°-40°	172.5	82.9
0°-60°	201.2	96.7
0°-90°	208.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	208.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	222	
5°	218	20
15°	180	50
25°	125	57
35°	72	45
45°	28	22
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	222.5
2.5°	221.3
5°	217.6
7.5°	211.5
10°	202.8
12.5°	192.7
15°	180.5
17.5°	167.5
20°	153.6
22.5°	139.2
25°	125.0
27.5°	111.1
30°	97.8
32.5°	84.5
35°	71.8
37.5°	59.6
40°	48.0
42.5°	37.3
45°	28.1
47.5°	19.7
50°	12.7
52.5°	8.4
55°	6.9
57.5°	6.1
60°	5.2
62.5°	4.6
65°	4.1
67.5°	3.5
70°	2.9
72.5°	2.3
75°	2.0
77.5°	1.7
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)