

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: P1294134

Luminaire Tested: P3A09R55W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1294134
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R55W2N902750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

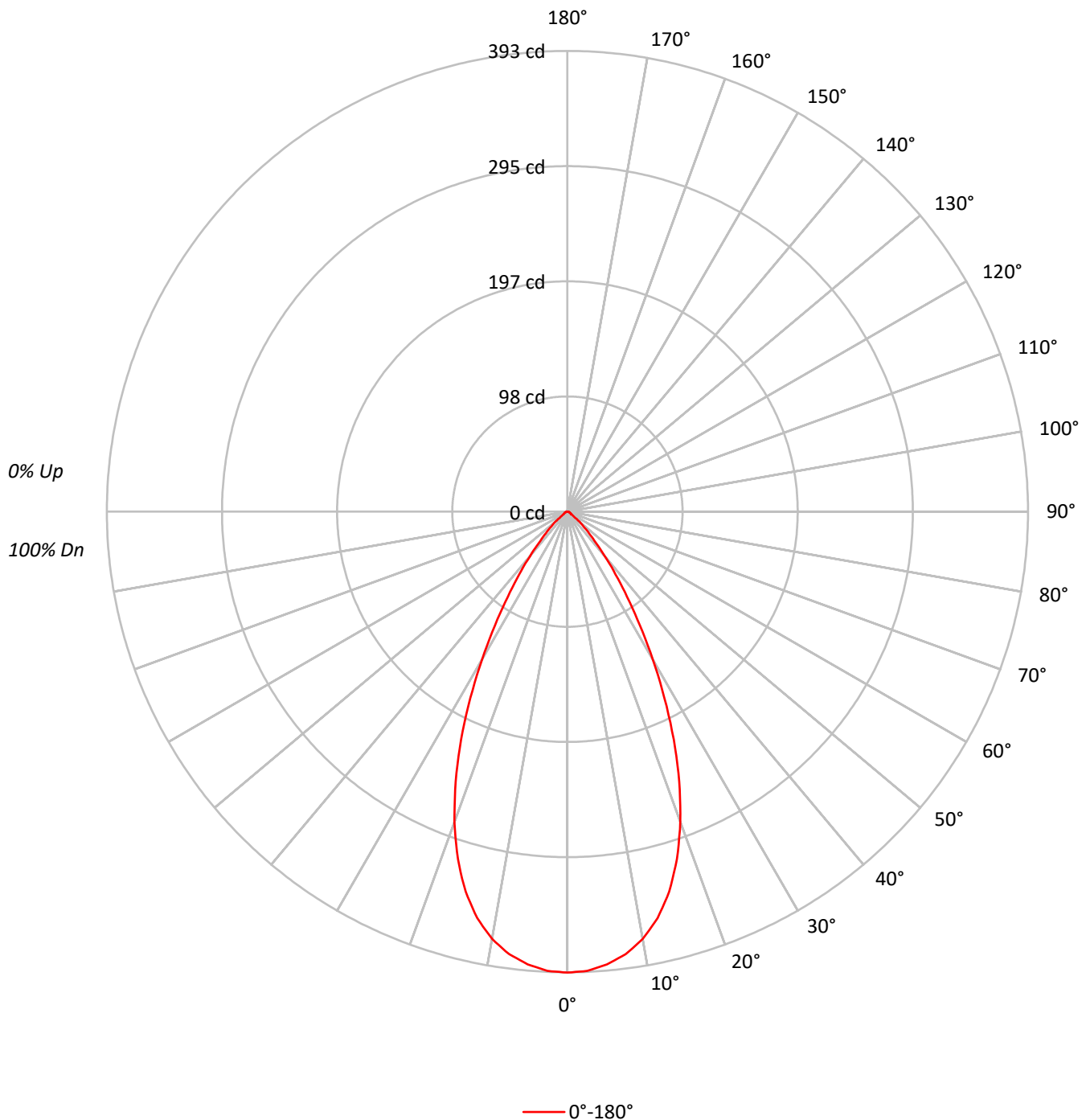
Lumens per Lamp: N/A
Luminaire Lumens: 314.0 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1294134

CATALOG NUMBER: P3A09R55W2N902750DE010 E3DL1GPH_5000K

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	111	108	106		111	108	106	104		104	103	101		101	99	98		97	96	95
2	108	103	99	95		106	101	97	94		98	95	92		95	92	90		92	90	88
3	102	96	91	87		100	94	90	86		92	88	85		89	86	83		87	85	82
4	97	90	84	80		95	89	83	79		86	82	78		84	81	78		82	79	77
5	92	84	78	74		91	83	78	74		81	77	73		80	76	72		78	75	72
6	88	79	73	69		86	78	73	68		77	72	68		75	71	68		74	70	67
7	84	74	68	64		82	74	68	64		72	67	64		71	67	63		70	66	63
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67	62	59
9	76	66	61	57		75	66	60	56		65	60	56		64	59	56		63	59	56
10	73	63	57	53		72	62	57	53		62	57	53		61	56	53		60	56	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	86221
5°	85340
10°	82430
15°	76187
20°	65736
25°	51922
30°	36841
35°	23744
40°	14255
45°	8032
50°	4332
55°	1529
60°	1403
65°	1349
70°	1282
75°	1186
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8032 cd/sqm

TEST NUMBER: P1294134

CATALOG NUMBER: P3A09R55W2N902750DE010 E3DL1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.5	11.6
10°-20°	92.8	29.6
20°-30°	97.3	31.0
30°-40°	56.7	18.1
40°-50°	21.2	6.8
50°-60°	5.0	1.6
60°-70°	2.6	0.8
70°-80°	1.5	0.5
80°-90°	0.4	0.1
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°	226.5	72.1
0°-40°	283.3	90.2
0°-60°	309.5	98.6
0°-90°	314.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	393	
5°	388	36
15°	336	93
25°	215	97
35°	89	57
45°	26	21
55°	4	5
65°	3	3
75°	1	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	393.2
2.5°	392.1
5°	387.7
7.5°	380.8
10°	370.2
12.5°	355.2
15°	335.6
17.5°	310.8
20°	281.7
22.5°	249.2
25°	214.6
27.5°	179.2
30°	145.5
32.5°	114.9
35°	88.7
37.5°	67.4
40°	49.8
42.5°	35.7
45°	25.9
47.5°	18.7
50°	12.7
52.5°	7.2
55°	4.0
57.5°	3.5
60°	3.2
62.5°	2.9
65°	2.6
67.5°	2.3
70°	2.0
72.5°	1.7
75°	1.4
77.5°	1.2
80°	0.9
82.5°	0.6
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)