

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: P1293217

Luminaire Tested: P3A09R40W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293217
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R40W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

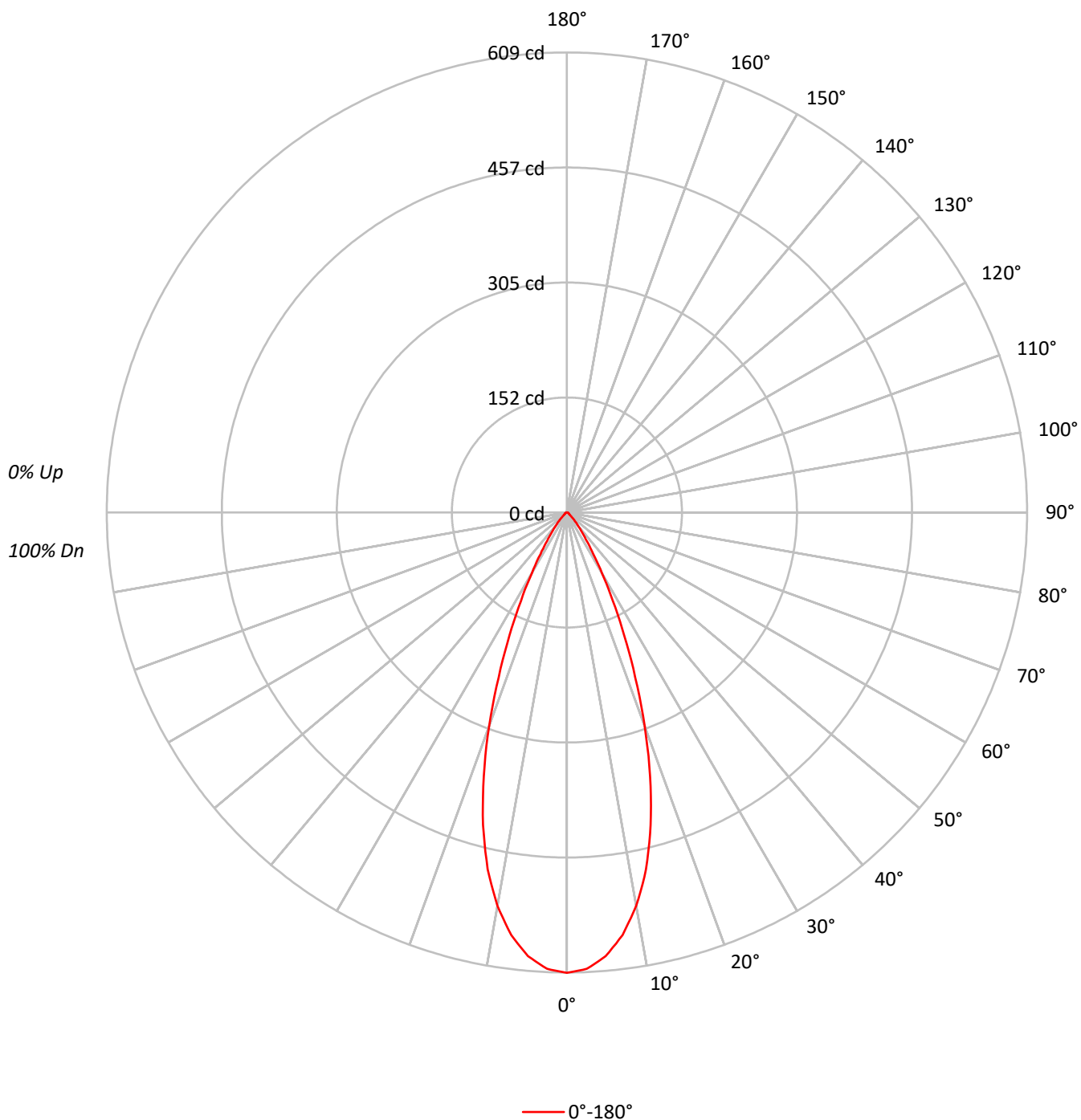
Lumens per Lamp: N/A
Luminaire Lumens: 302.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1293217

CATALOG NUMBER: P3A09R40W2N902750DE010 E3DL1GPH_2700K

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	114	111	109	107		112	109	107	105		105	104	102		102	100	99		98	97	96
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	92	91
3	104	99	94	91		102	97	93	90		95	91	88		92	89	87		90	88	86
4	100	93	88	85		98	92	88	84		90	86	83		88	85	82		86	84	81
5	96	88	83	79		94	88	83	79		86	82	78		84	81	78		83	80	77
6	92	84	79	75		91	83	78	75		82	77	74		81	77	74		79	76	73
7	88	80	75	71		87	79	74	71		78	74	71		77	73	70		76	73	70
8	85	76	71	68		84	76	71	67		75	70	67		74	70	67		73	69	67
9	82	73	68	64		81	73	68	64		72	67	64		71	67	64		70	66	64
10	78	70	65	62		78	70	65	61		69	64	61		68	64	61		67	64	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	133630
5°	129760
10°	117744
15°	97276
20°	70169
25°	43406
30°	23497
35°	12153
40°	6612
45°	3690
50°	1842
55°	1376
60°	1272
65°	1193
70°	1154
75°	1101
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3690 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.3	18.0
10°-20°	116.7	38.6
20°-30°	83.3	27.6
30°-40°	30.7	10.2
40°-50°	9.6	3.2
50°-60°	3.4	1.1
60°-70°	2.3	0.8
70°-80°	1.4	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°	254.3	84.2
0°-40°	284.9	94.3
0°-60°	297.9	98.6
0°-90°	302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	302.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	609	
5°	590	54
15°	428	117
25°	179	83
35°	45	31
45°	12	10
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	609.4
2.5°	604.7
5°	589.5
7.5°	564.1
10°	528.8
12.5°	484.0
15°	428.5
17.5°	366.3
20°	300.7
22.5°	236.1
25°	179.4
27.5°	131.7
30°	92.8
32.5°	65.1
35°	45.4
37.5°	32.1
40°	23.1
42.5°	16.6
45°	11.9
47.5°	8.0
50°	5.4
52.5°	3.9
55°	3.6
57.5°	3.4
60°	2.9
62.5°	2.6
65°	2.3
67.5°	2.1
70°	1.8
72.5°	1.6
75°	1.3
77.5°	1.0
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)