

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: P1293248

Luminaire Tested: P3A09R40W2N902750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293248
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R40W2N902750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

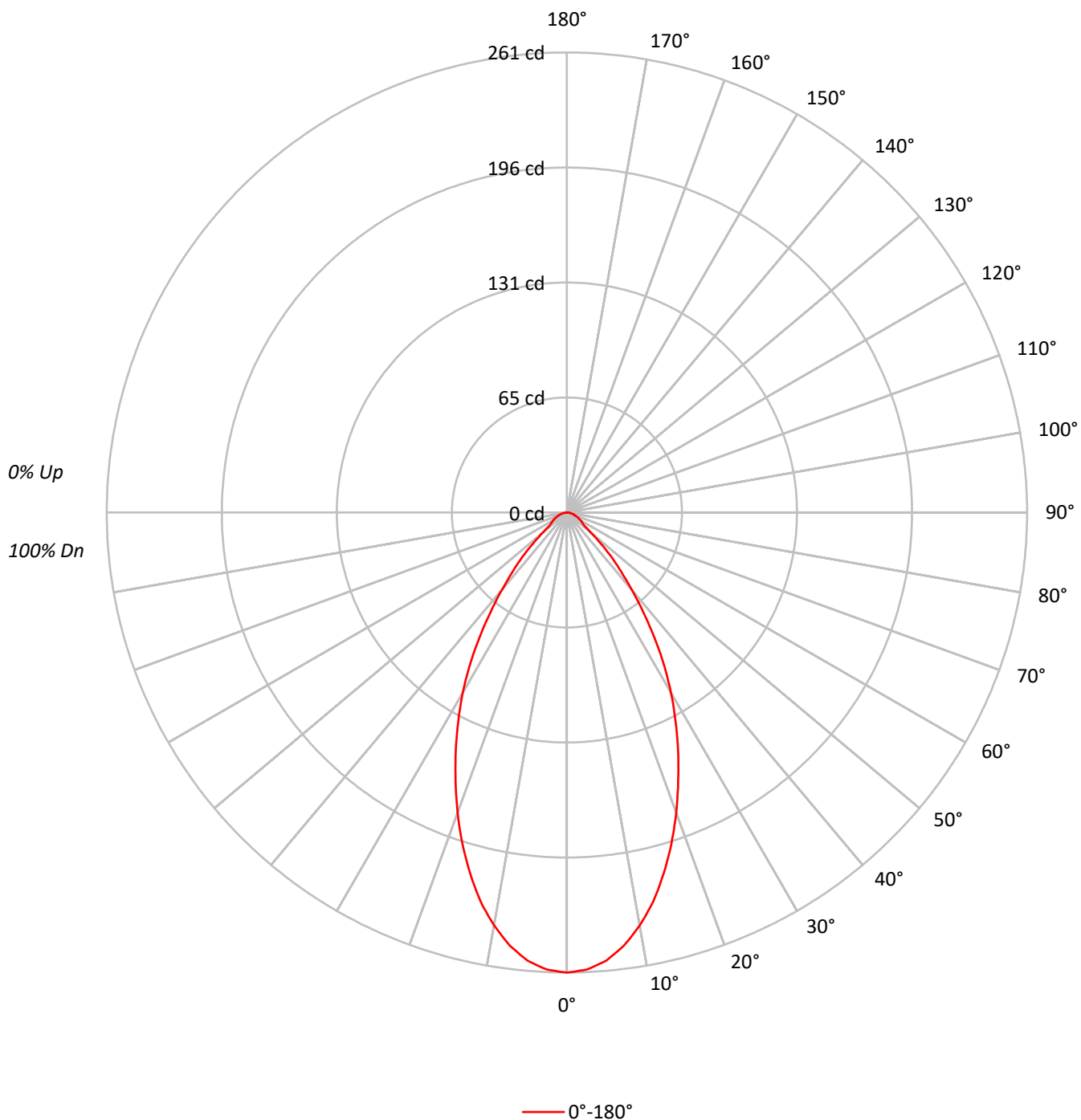
Lumens per Lamp: N/A
Luminaire Lumens: 255.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1293248

CATALOG NUMBER: P3A09R40W2N902750DE010 E3DLD1GPH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1293248

CATALOG NUMBER: P3A09R40W2N902750DE010 E3DLD1GPH_3000K

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	57232
5°	56196
10°	52972
15°	48127
20°	42284
25°	36099
30°	29903
35°	23075
40°	16402
45°	11071
50°	6038
55°	4244
60°	3991
65°	3684
70°	3270
75°	3135
80°	2526
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11071 cd/sqm

TEST NUMBER: P1293248

CATALOG NUMBER: P3A09R40W2N902750DE010 E3DLD1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	9.3
10°-20°	59.0	23.2
20°-30°	68.3	26.8
30°-40°	53.8	21.1
40°-50°	27.6	10.8
50°-60°	10.5	4.1
60°-70°	7.0	2.7
70°-80°	3.8	1.5
80°-90°	1.1	0.4
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°	151.1	59.3
0°-40°	204.9	80.4
0°-60°	243.1	95.3
0°-90°	255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	255.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	261	
5°	255	24
15°	212	59
25°	149	68
35°	86	54
45°	36	28
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1293248

CATALOG NUMBER: P3A09R40W2N902750DE010 E3DLD1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	261.0
2.5°	259.6
5°	255.3
7.5°	247.9
10°	237.9
12.5°	226.2
15°	212.0
17.5°	197.1
20°	181.2
22.5°	164.9
25°	149.2
27.5°	133.5
30°	118.1
32.5°	102.4
35°	86.2
37.5°	71.0
40°	57.3
42.5°	45.6
45°	35.7
47.5°	26.0
50°	17.7
52.5°	12.8
55°	11.1
57.5°	10.0
60°	9.1
62.5°	8.0
65°	7.1
67.5°	6.0
70°	5.1
72.5°	4.3
75°	3.7
77.5°	2.9
80°	2.0
82.5°	1.7
85°	0.9
87.5°	0.6
90°	0.0

(END OF REPORT)