

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: P1292561

Luminaire Tested: P3A09R30W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292561
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R30W2N902750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

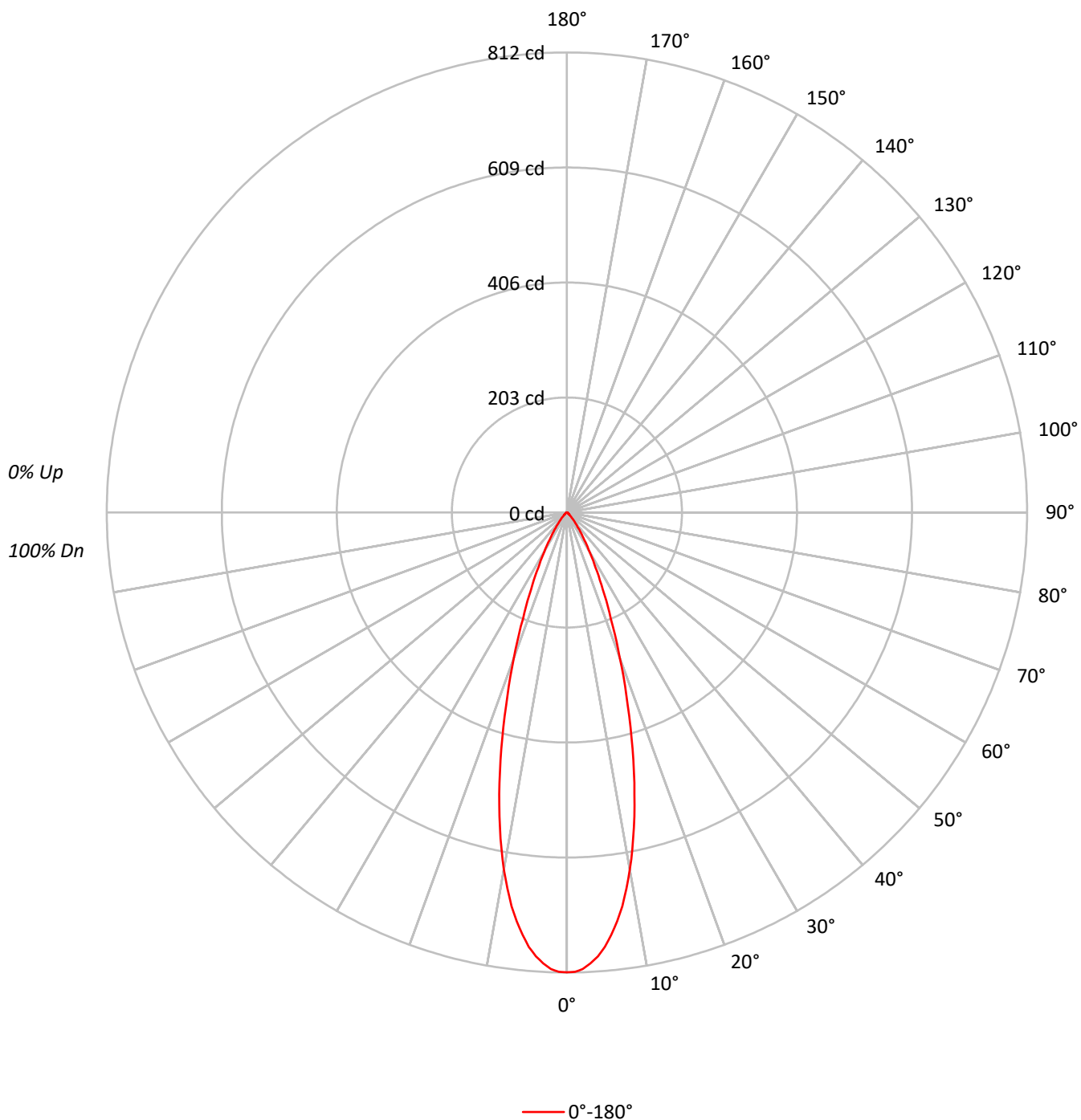
Lumens per Lamp: N/A
Luminaire Lumens: 305.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1292561

CATALOG NUMBER: P3A09R30W2N902750DE010 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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	88
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	84
4	101	95	90	86	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	80
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	76
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	74	73
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	78	75	73	71	70	69
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	68	67
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	65	64
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	177968
5°	169403
10°	142482
15°	102747
20°	63729
25°	36244
30°	20130
35°	10949
40°	5782
45°	3132
50°	1672
55°	1109
60°	1009
65°	1038
70°	898
75°	763
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3132 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.3	22.7
10°-20°	123.2	40.4
20°-30°	71.2	23.3
30°-40°	27.0	8.9
40°-50°	8.3	2.7
50°-60°	2.8	0.9
60°-70°	1.9	0.6
70°-80°	1.1	0.3
80°-90°	0.3	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°	263.7	86.4
0°-40°	290.7	95.3
0°-60°	301.8	98.9
0°-90°	305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	305.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	812	
5°	770	69
15°	453	123
25°	150	71
35°	41	27
45°	10	8
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	811.6
1°	811.1
2°	806.2
3°	796.9
4°	785.4
5°	769.6
6°	749.4
7°	726.9
8°	701.9
9°	671.9
10°	639.9
11°	605.3
12°	568.8
13°	530.4
14°	491.5
15°	452.6
17.5°	357.0
20°	273.1
22.5°	202.5
25°	149.8
27.5°	108.9
30°	79.5
32.5°	57.3
35°	40.9
37.5°	28.5
40°	20.2
42.5°	14.1
45°	10.1
47.5°	6.9
50°	4.9
52.5°	3.5
55°	2.9
57.5°	2.6
60°	2.3
62.5°	2.0
65°	2.0
67.5°	1.7
70°	1.4
72.5°	1.2
75°	0.9
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)