

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: P1292621

Luminaire Tested: P3A09R30W2N902750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292621
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R30W2N902750DE010 E3DLP1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

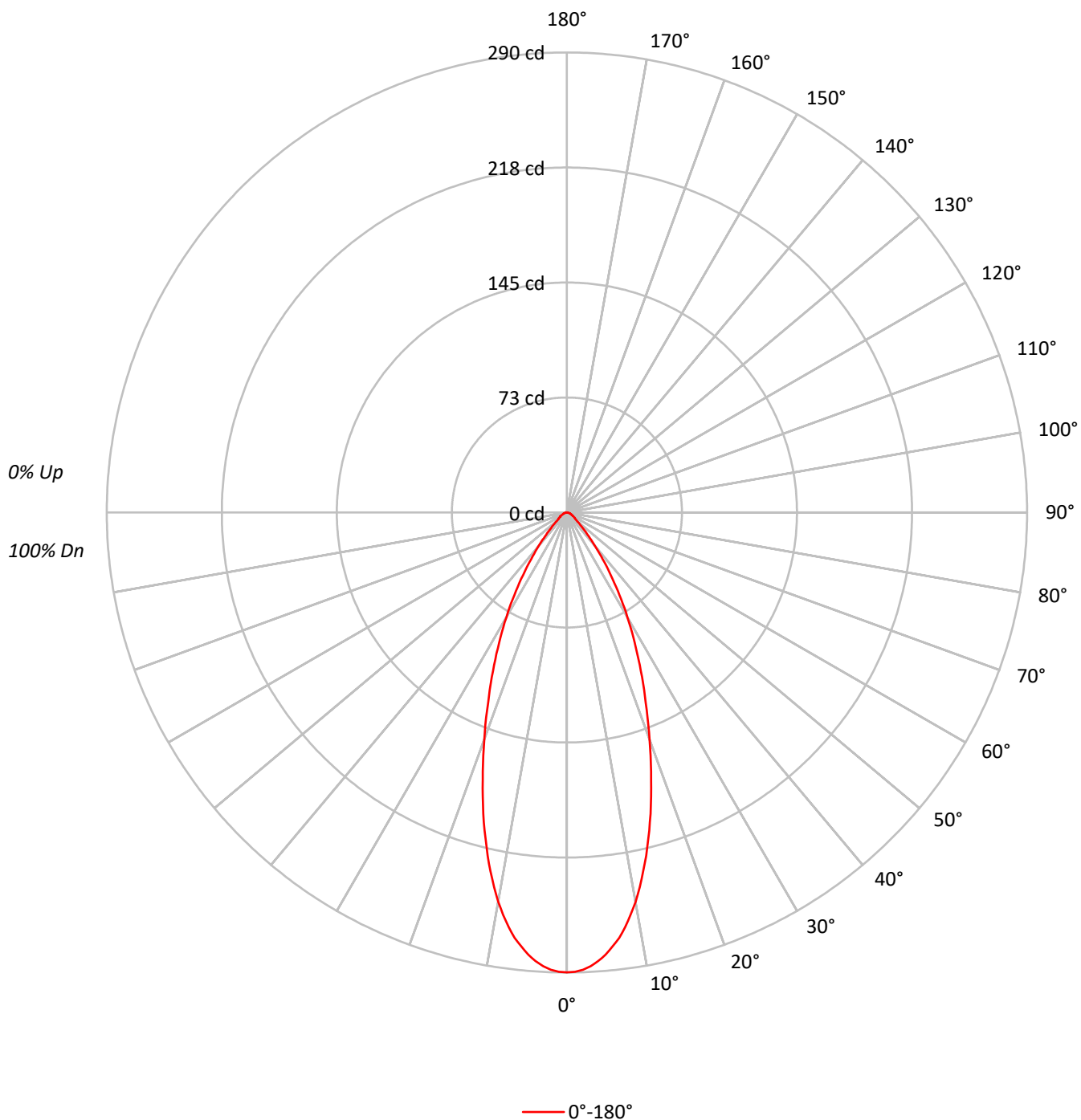
Lumens per Lamp: N/A
Luminaire Lumens: 186.0 lumens
Efficiency: N/A
Efficacy: 20.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		0			
RCR																										
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102		100			
1	113	110	108	105		111	108	106	104		104	102	100		100	99	97		97	96	95		93			
2	107	102	98	95		105	101	97	94		97	94	92		94	92	90		92	90	88		86			
3	102	95	90	86		100	94	89	85		91	87	84		89	86	83		87	84	82		80			
4	97	89	84	79		95	88	83	79		86	81	78		84	80	77		82	79	76		74			
5	92	84	78	73		90	83	77	73		81	76	72		79	75	72		78	74	71		70			
6	88	79	73	68		86	78	72	68		76	71	68		75	71	67		74	70	67		65			
7	83	74	68	64		82	74	68	64		72	67	63		71	67	63		70	66	63		61			
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67	62	59		58			
9	76	67	61	57		75	66	60	57		65	60	56		64	60	56		63	59	56		55			
10	73	63	58	54		72	63	57	54		62	57	54		61	57	53		61	56	53		52			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	63569
5°	61589
10°	55488
15°	45903
20°	35540
25°	26663
30°	19345
35°	12903
40°	7929
45°	4652
50°	2866
55°	2332
60°	2017
65°	1660
70°	1475
75°	1440
80°	1137
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4652 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.7	13.8
10°-20°	55.7	29.9
20°-30°	50.7	27.2
30°-40°	30.6	16.5
40°-50°	12.3	6.6
50°-60°	5.4	2.9
60°-70°	3.3	1.8
70°-80°	1.8	0.9
80°-90°	0.5	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°	132.1	71.0
0°-40°	162.7	87.5
0°-60°	180.4	97.0
0°-90°	186.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	186.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	290	
5°	280	26
15°	202	56
25°	110	51
35°	48	31
45°	15	12
55°	6	5
65°	3	3
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	289.9
1°	289.6
2°	288.4
3°	286.4
4°	283.5
5°	279.8
6°	275.1
7°	270.2
8°	263.9
9°	256.7
10°	249.2
11°	240.5
12°	231.3
13°	222.1
14°	212.0
15°	202.2
17.5°	176.5
20°	152.3
22.5°	129.8
25°	110.2
27.5°	92.3
30°	76.4
32.5°	61.7
35°	48.2
37.5°	36.9
40°	27.7
42.5°	20.2
45°	15.0
47.5°	11.2
50°	8.4
52.5°	6.6
55°	6.1
57.5°	5.2
60°	4.6
62.5°	3.7
65°	3.2
67.5°	2.9
70°	2.3
72.5°	2.0
75°	1.7
77.5°	1.4
80°	0.9
82.5°	0.6
85°	0.6
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)