

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: P1292802

Luminaire Tested: P3A09R30W2N902765DE010 E3DLP1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292802
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: P3A09R30W2N902765DE010 E3DLP1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

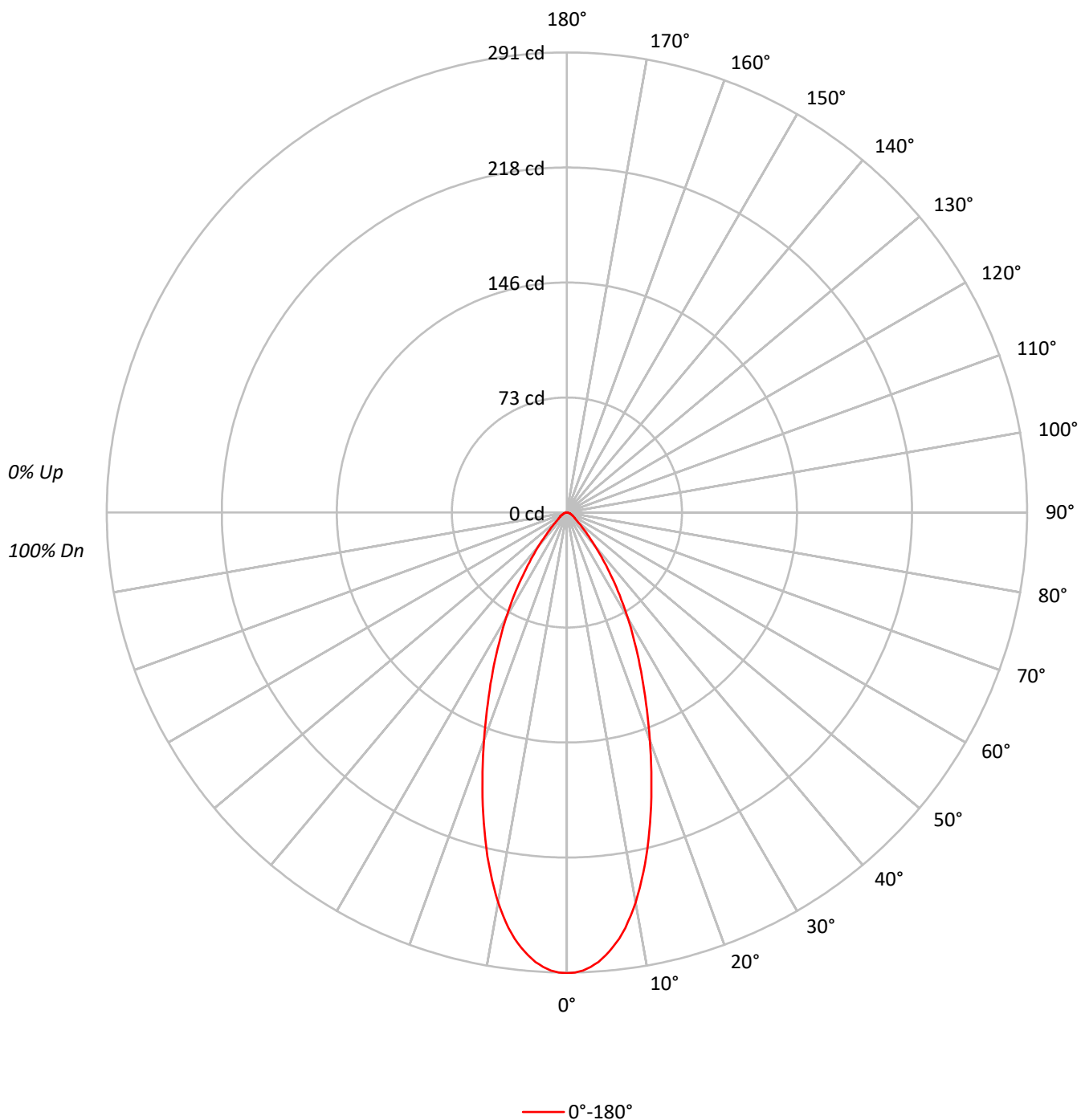
Lumens per Lamp: N/A
Luminaire Lumens: 187.0 lumens
Efficiency: N/A
Efficacy: 20.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		68	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°	63898
5°	61919
10°	55777
15°	46152
20°	35726
25°	26808
30°	19446
35°	12956
40°	7958
45°	4683
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: 4683 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	13.8
10°-20°	56.0	29.9
20°-30°	50.9	27.2
30°-40°	30.8	16.5
40°-50°	12.3	6.6
50°-60°	5.5	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°	132.8	71.0
0°-40°	163.6	87.5
0°-60°	181.4	97.0
0°-90°	187.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	187.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	291	
5°	281	26
15°	203	56
25°	111	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°	291.4
1°	291.1
2°	290.0
3°	287.9
4°	285.0
5°	281.3
6°	276.6
7°	271.7
8°	265.3
9°	258.1
10°	250.5
11°	241.8
12°	232.6
13°	223.3
14°	213.1
15°	203.3
17.5°	177.5
20°	153.1
22.5°	130.5
25°	110.8
27.5°	92.8
30°	76.8
32.5°	62.1
35°	48.4
37.5°	37.1
40°	27.8
42.5°	20.3
45°	15.1
47.5°	11.3
50°	8.4
52.5°	6.7
55°	6.1
57.5°	5.2
60°	4.6
62.5°	3.8
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)