

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: P1292450

Luminaire Tested: P3A09R25W2N902765DE010 E3DLP1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292450
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R25W2N902765DE010 E3DLP1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

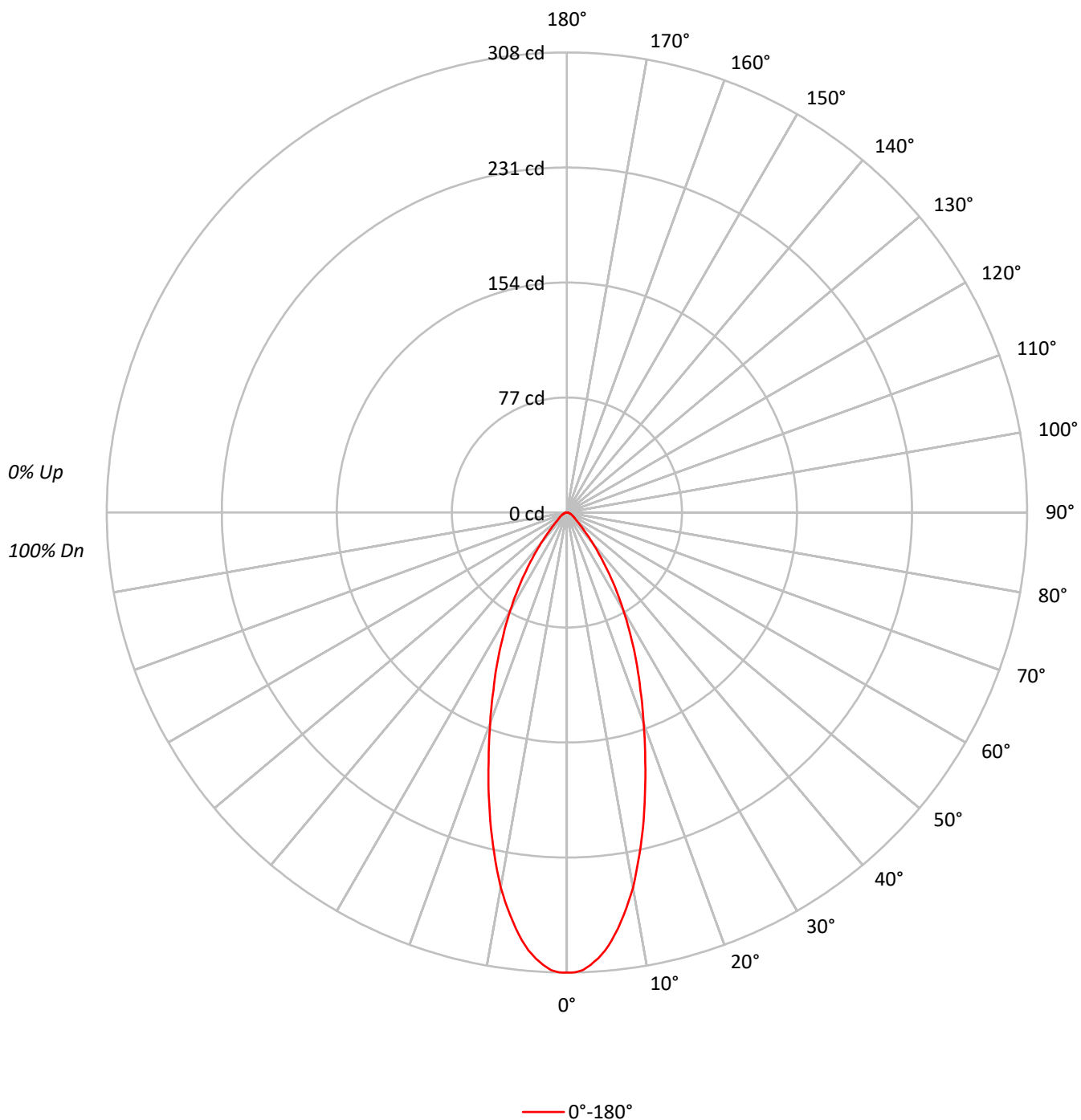
Lumens per Lamp: N/A
Luminaire Lumens: 186.0 lumens
Efficiency: N/A
Efficacy: 20.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101		100	99	98		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	86	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	75
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78	74	71	70
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63	62
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67538
5°	64781
10°	56757
15°	45630
20°	35050
25°	26518
30°	19168
35°	12742
40°	7729
45°	4497
50°	2866
55°	2332
60°	2017
65°	1816
70°	1475
75°	1440
80°	1137
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	14.4
10°-20°	55.6	29.9
20°-30°	50.3	27.0
30°-40°	30.2	16.2
40°-50°	12.0	6.4
50°-60°	5.5	3.0
60°-70°	3.4	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°	132.6	71.3
0°-40°	162.8	87.5
0°-60°	180.3	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°	308	
5°	294	27
15°	201	56
25°	110	50
35°	48	30
45°	14	12
55°	6	6
65°	4	3
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	308.0
1°	308.0
2°	306.5
3°	303.3
4°	299.3
5°	294.3
6°	287.9
7°	280.7
8°	272.3
9°	263.9
10°	254.9
11°	244.4
12°	233.7
13°	223.0
14°	212.3
15°	201.0
17.5°	174.3
20°	150.2
22.5°	128.5
25°	109.6
27.5°	91.9
30°	75.7
32.5°	60.9
35°	47.6
37.5°	36.2
40°	27.0
42.5°	19.7
45°	14.5
47.5°	11.0
50°	8.4
52.5°	7.0
55°	6.1
57.5°	5.2
60°	4.6
62.5°	3.8
65°	3.5
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)