

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: P1292448

Luminaire Tested: P3A09R25W2N902765DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292448
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

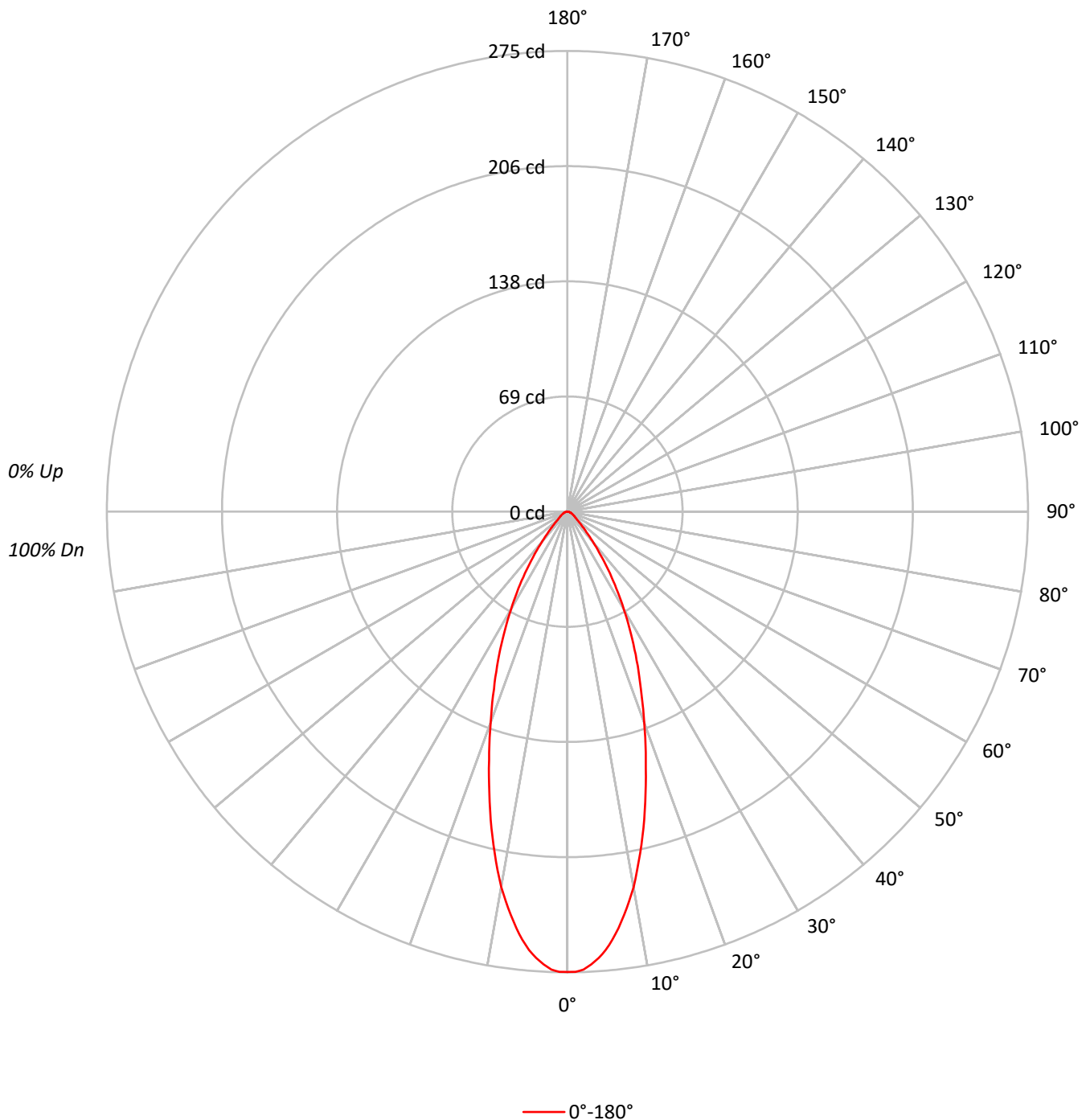
Lumens per Lamp: N/A
Luminaire Lumens: 166.0 lumens
Efficiency: N/A
Efficacy: 18.4 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	60258
5°	57825
10°	50656
15°	40704
20°	31293
25°	23663
30°	17091
35°	11350
40°	6899
45°	4000
50°	2559
55°	2064
60°	1798
65°	1608
70°	1346
75°	1356
80°	1010
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4000 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.9	14.4
10°-20°	49.6	29.9
20°-30°	44.8	27.0
30°-40°	26.9	16.2
40°-50°	10.7	6.4
50°-60°	4.9	3.0
60°-70°	3.0	1.8
70°-80°	1.6	1.0
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°	118.3	71.3
0°-40°	145.3	87.5
0°-60°	160.9	96.9
0°-90°	166.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	166.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	275	
5°	263	24
15°	179	50
25°	98	45
35°	42	27
45°	13	11
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	274.8
1°	274.8
2°	273.5
3°	270.7
4°	267.1
5°	262.7
6°	257.0
7°	250.5
8°	243.0
9°	235.5
10°	227.5
11°	218.2
12°	208.6
13°	199.0
14°	189.4
15°	179.3
17.5°	155.5
20°	134.1
22.5°	114.6
25°	97.8
27.5°	82.0
30°	67.5
32.5°	54.3
35°	42.4
37.5°	32.3
40°	24.1
42.5°	17.6
45°	12.9
47.5°	9.8
50°	7.5
52.5°	6.2
55°	5.4
57.5°	4.7
60°	4.1
62.5°	3.4
65°	3.1
67.5°	2.6
70°	2.1
72.5°	1.8
75°	1.6
77.5°	1.3
80°	0.8
82.5°	0.5
85°	0.5
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)