

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: P1292291

Luminaire Tested: P3A09R25W2N902750DE010 E3DLP1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292291
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: P3A09R25W2N902750DE010 E3DLP1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

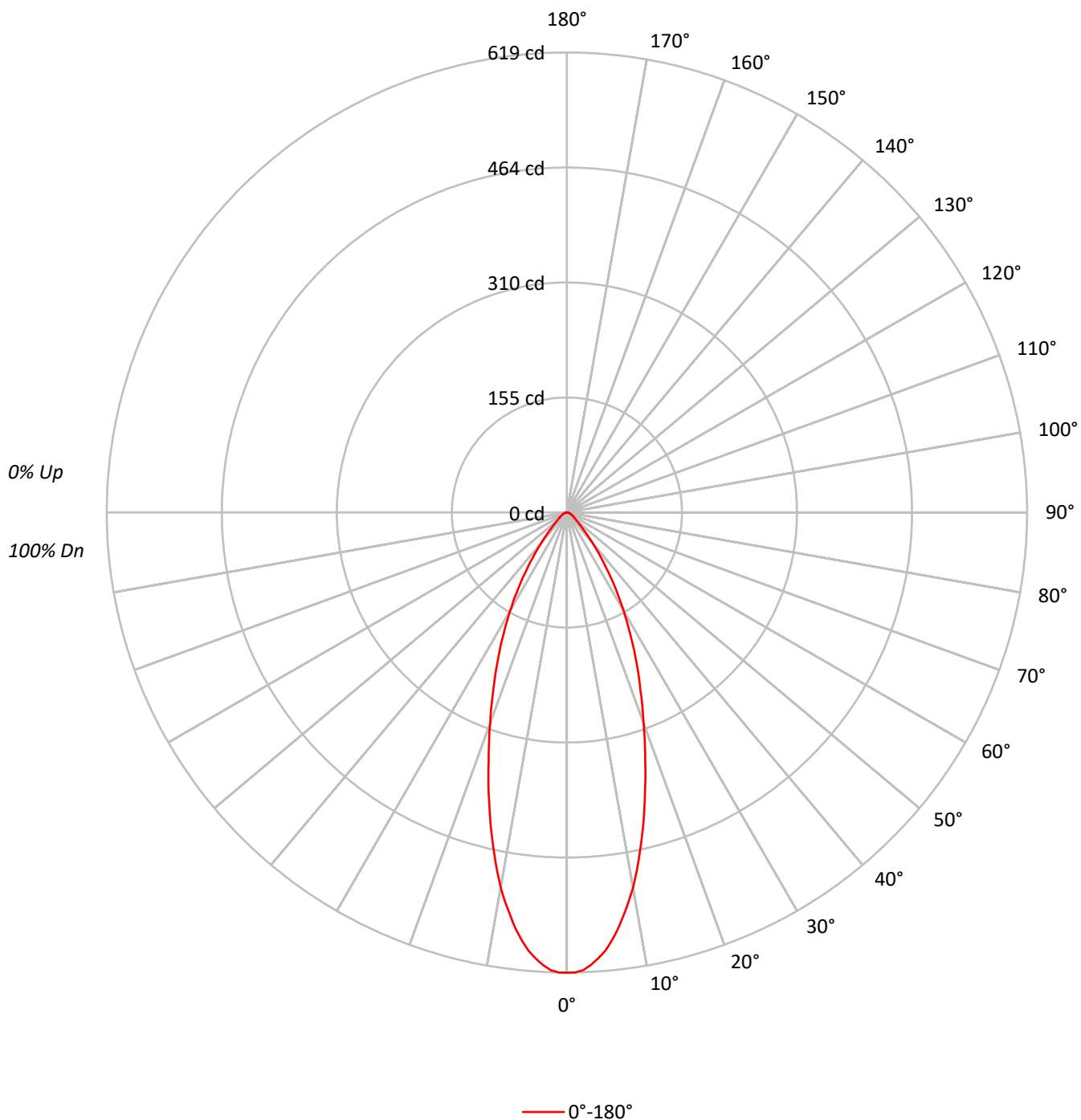
Lumens per Lamp: N/A
Luminaire Lumens: 374.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	135779
5°	130266
10°	114115
15°	91737
20°	70473
25°	53326
30°	38538
35°	25591
40°	15515
45°	9055
50°	5765
55°	4664
60°	4079
65°	3632
70°	3013
75°	2965
80°	2147
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9055 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.9	14.4
10°-20°	111.7	29.9
20°-30°	101.0	27.0
30°-40°	60.7	16.2
40°-50°	24.1	6.4
50°-60°	11.1	3.0
60°-70°	6.8	1.8
70°-80°	3.6	1.0
80°-90°	1.0	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°	266.6	71.3
0°-40°	327.3	87.5
0°-60°	362.6	96.9
0°-90°	374.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	374.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	619	
5°	592	54
15°	404	112
25°	220	101
35°	96	61
45°	29	24
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	619.2
1°	619.2
2°	616.3
3°	609.9
4°	601.7
5°	591.8
6°	579.0
7°	564.4
8°	547.5
9°	530.6
10°	512.5
11°	491.5
12°	470.0
13°	448.4
14°	426.8
15°	404.1
17.5°	350.4
20°	302.0
22.5°	258.3
25°	220.4
27.5°	184.8
30°	152.2
32.5°	122.4
35°	95.6
37.5°	72.9
40°	54.2
42.5°	39.6
45°	29.2
47.5°	22.2
50°	16.9
52.5°	14.0
55°	12.2
57.5°	10.5
60°	9.3
62.5°	7.6
65°	7.0
67.5°	5.8
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.9
80°	1.7
82.5°	1.2
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)