

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: P1248741

Luminaire Tested: P3AS09R109027DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248741
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R109027DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

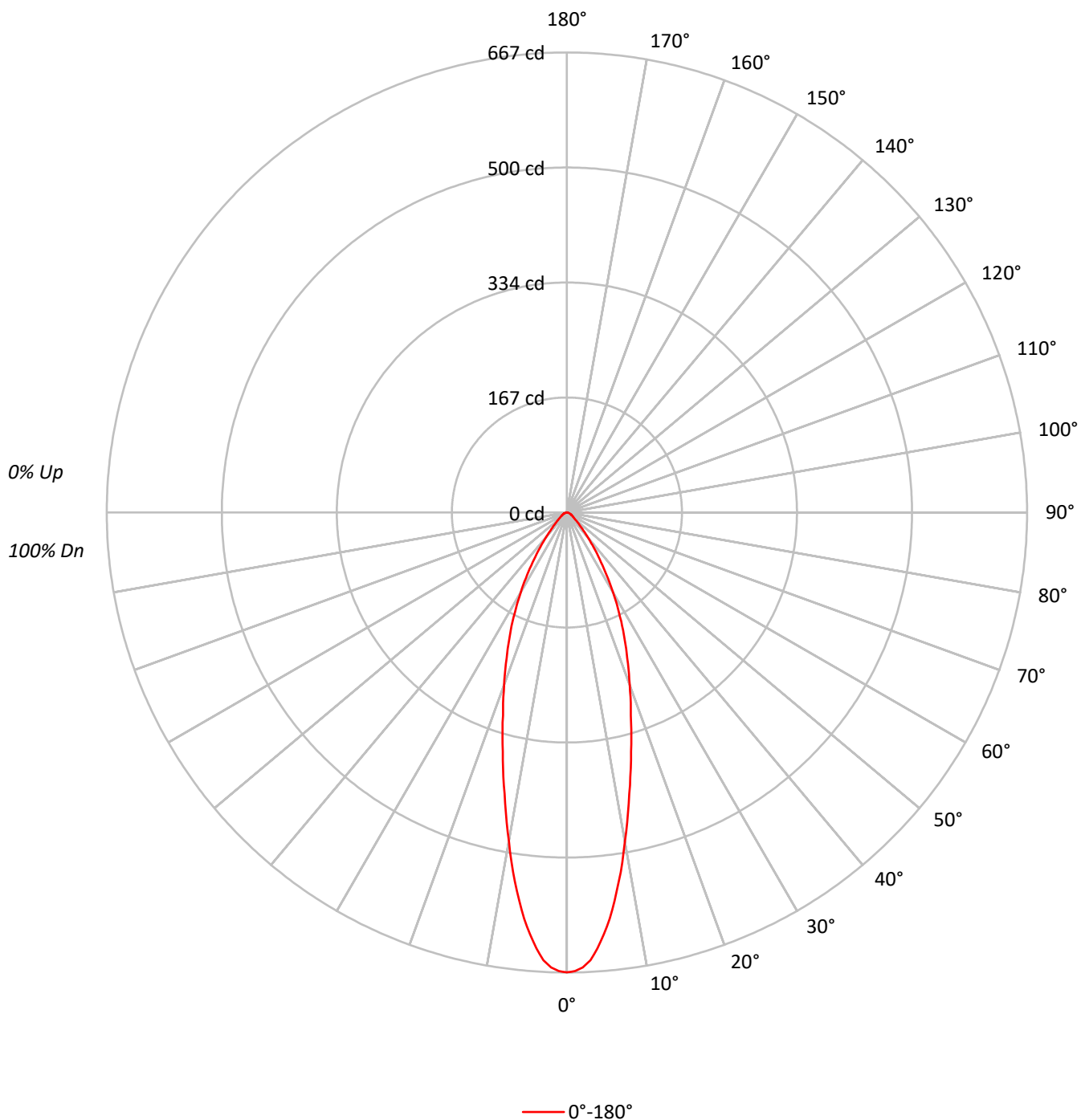
Lumens per Lamp: N/A
Luminaire Lumens: 339.1 lumens
Efficiency: N/A
Efficacy: 27.1 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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

TEST NUMBER: P1248741

CATALOG NUMBER: P3AS09R109027DE010 E3DLP1WMH

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	92	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146194
5°	135109
10°	107858
15°	81476
20°	62049
25°	47277
30°	33879
35°	22111
40°	13540
45°	8187
50°	5458
55°	4205
60°	3640
65°	3165
70°	2821
75°	2796
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8187 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.4	16.0
10°-20°	100.3	29.6
20°-30°	89.3	26.3
30°-40°	52.8	15.6
40°-50°	21.7	6.4
50°-60°	10.2	3.0
60°-70°	6.2	1.8
70°-80°	3.3	1.0
80°-90°	0.9	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°	244.0	72.0
0°-40°	296.9	87.5
0°-60°	328.7	96.9
0°-90°	339.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	339.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	667	
5°	614	54
15°	359	100
25°	195	89
35°	83	53
45°	26	22
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	666.7
1°	665.0
2°	660.0
3°	650.1
4°	633.6
5°	613.8
6°	592.3
7°	567.0
8°	540.6
9°	513.6
10°	484.4
12.5°	417.8
15°	358.9
17.5°	308.3
20°	265.9
22.5°	228.5
25°	195.4
27.5°	163.5
30°	133.8
32.5°	106.8
35°	82.6
37.5°	63.3
40°	47.3
42.5°	35.2
45°	26.4
47.5°	20.4
50°	16.0
52.5°	13.2
55°	11.0
57.5°	9.4
60°	8.3
62.5°	7.2
65°	6.1
67.5°	5.5
70°	4.4
72.5°	3.9
75°	3.3
77.5°	2.2
80°	1.7
82.5°	1.1
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)