

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: P1247485

Luminaire Tested: P3A17R659024DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247485
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659024DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2400K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

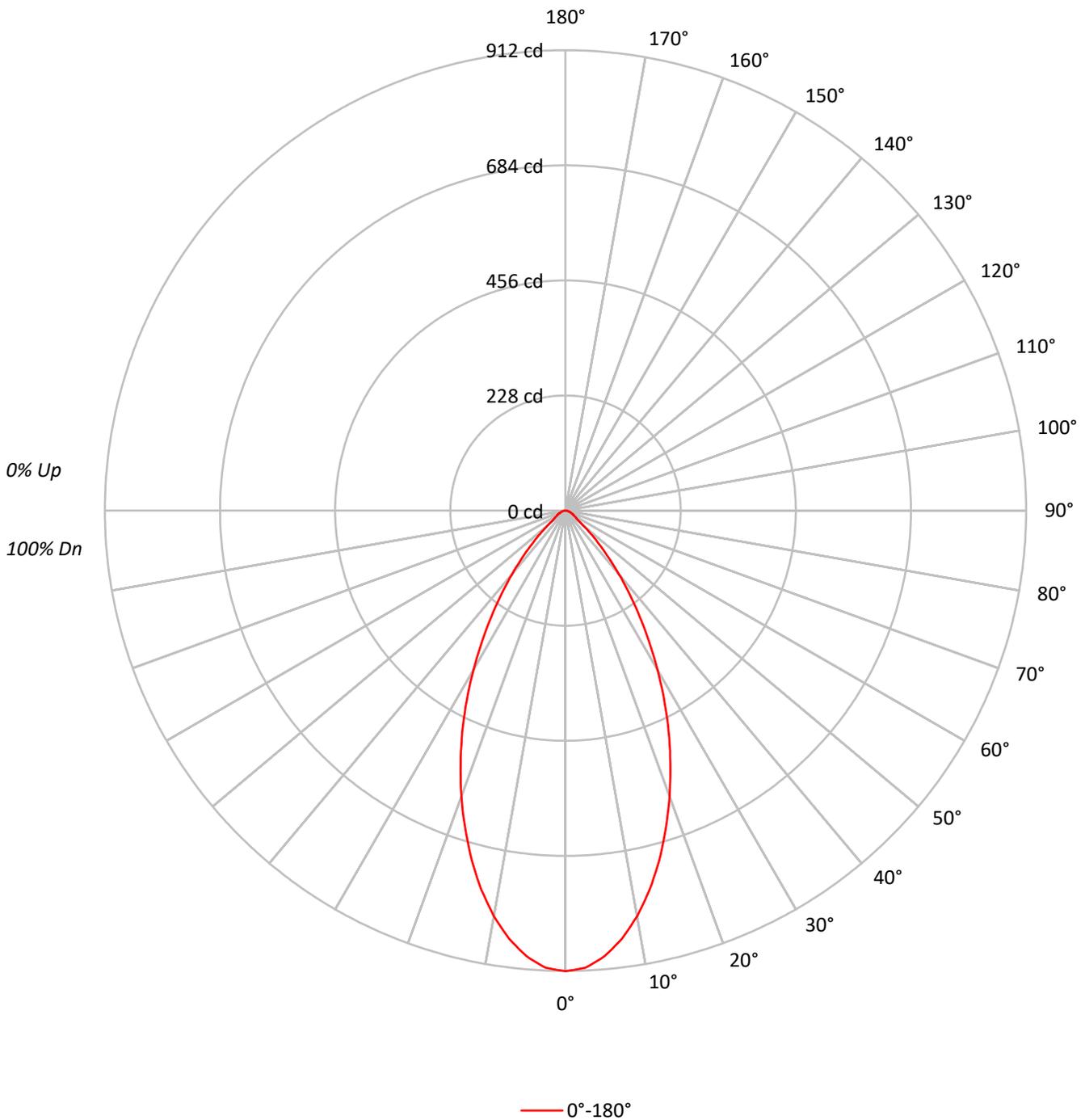
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 787.0 lumens
Efficiency: N/A
Efficacy: 37.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	200050
5°	195069
10°	181649
15°	162793
20°	140596
25°	116958
30°	92217
35°	68342
40°	47088
45°	29212
50°	15863
55°	9978
60°	8464
65°	7679
70°	6540
75°	5761
80°	5683
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 29212 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.3	10.5
10°-20°	199.3	25.3
20°-30°	220.4	28.0
30°-40°	160.1	20.3
40°-50°	75.0	9.5
50°-60°	25.3	3.2
60°-70°	14.6	1.9
70°-80°	7.6	1.0
80°-90°	2.5	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°	502.0	63.8
0°-40°	662.1	84.1
0°-60°	762.3	96.9
0°-90°	787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	912	
5°	886	82
15°	717	199
25°	483	220
35°	255	160
45°	94	75
55°	26	25
65°	15	15
75°	7	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	912.3
2.5°	906.6
5°	886.2
7.5°	855.5
10°	815.8
12.5°	769.3
15°	717.1
17.5°	660.4
20°	602.5
22.5°	542.4
25°	483.4
27.5°	423.2
30°	364.2
32.5°	307.5
35°	255.3
37.5°	207.6
40°	164.5
42.5°	125.9
45°	94.2
47.5°	68.1
50°	46.5
52.5°	31.8
55°	26.1
57.5°	22.7
60°	19.3
62.5°	17.0
65°	14.8
67.5°	12.5
70°	10.2
72.5°	9.1
75°	6.8
77.5°	5.7
80°	4.5
82.5°	3.4
85°	2.3
87.5°	1.1
90°	0.0

(END OF REPORT)