

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: P1267994

Luminaire Tested: P3A17R659735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267994
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

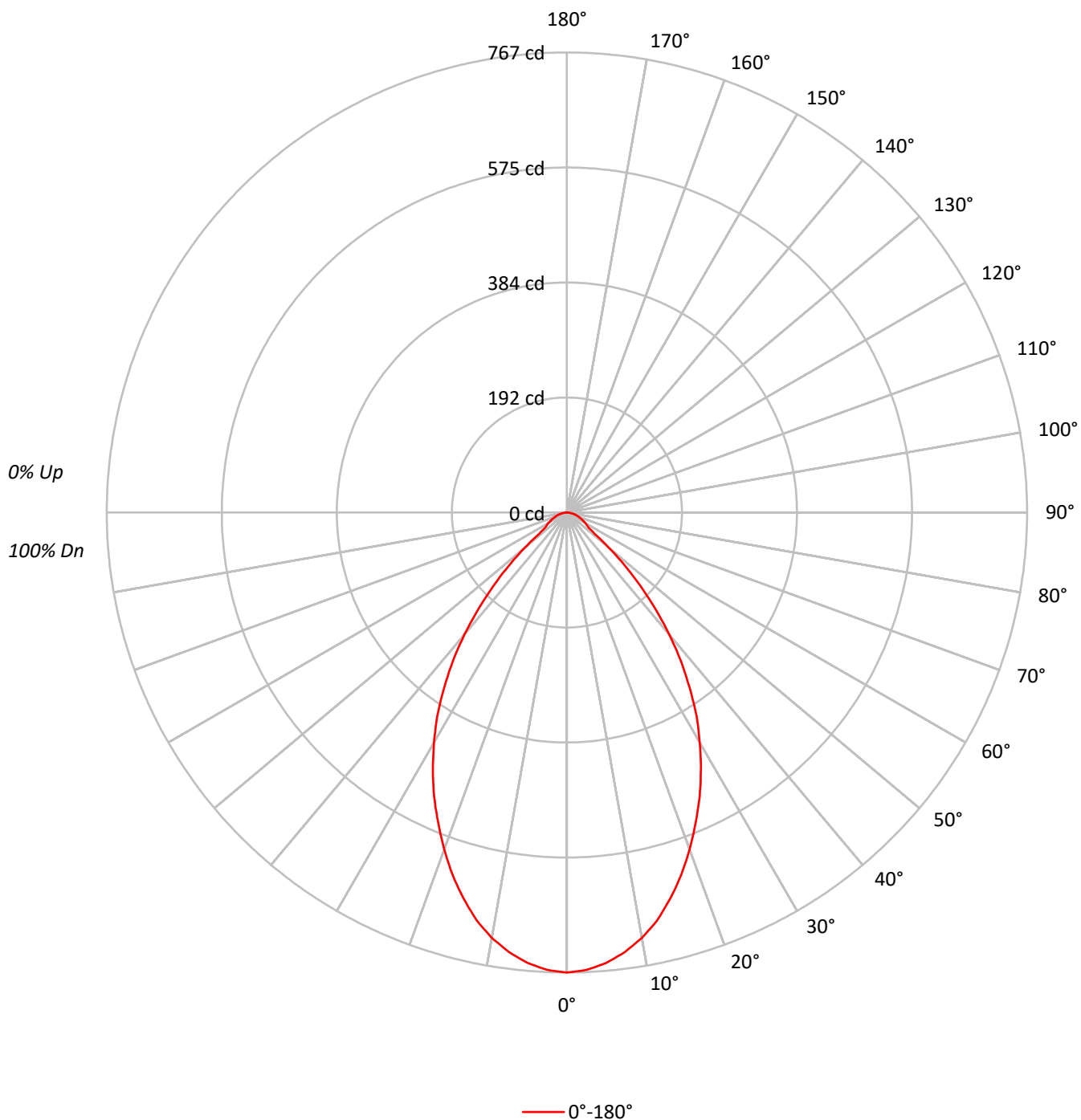
Lumens per Lamp: N/A
Luminaire Lumens: 945.0 lumens
Efficiency: N/A
Efficacy: 44.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91		
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82		
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74		
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67		
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56		
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	168166
5°	165903
10°	160340
15°	151215
20°	139475
25°	126612
30°	112144
35°	95406
40°	75914
45°	53587
50°	31112
55°	16974
60°	15788
65°	14321
70°	13079
75°	12200
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 53587 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.9	7.5
10°-20°	186.4	19.7
20°-30°	239.5	25.3
30°-40°	221.5	23.4
40°-50°	133.7	14.2
50°-60°	45.6	4.8
60°-70°	27.4	2.9
70°-80°	15.5	1.6
80°-90°	4.4	0.5
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°	496.7	52.6
0°-40°	718.3	76.0
0°-60°	897.6	95.0
0°-90°	945.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	945.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	767	
5°	754	71
15°	666	186
25°	523	240
35°	356	222
45°	173	134
55°	44	46
65°	28	27
75°	14	16
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	766.9
2.5°	763.3
5°	753.7
7.5°	739.3
10°	720.1
12.5°	696.1
15°	666.1
17.5°	633.7
20°	597.7
22.5°	560.5
25°	523.3
27.5°	483.7
30°	442.9
32.5°	402.1
35°	356.4
37.5°	312.0
40°	265.2
42.5°	218.4
45°	172.8
47.5°	130.8
50°	91.2
52.5°	57.6
55°	44.4
57.5°	39.6
60°	36.0
62.5°	31.2
65°	27.6
67.5°	24.0
70°	20.4
72.5°	18.0
75°	14.4
77.5°	12.0
80°	8.4
82.5°	6.0
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)