

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: P1247219

Luminaire Tested: P3A17R209024DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247219
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209024DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

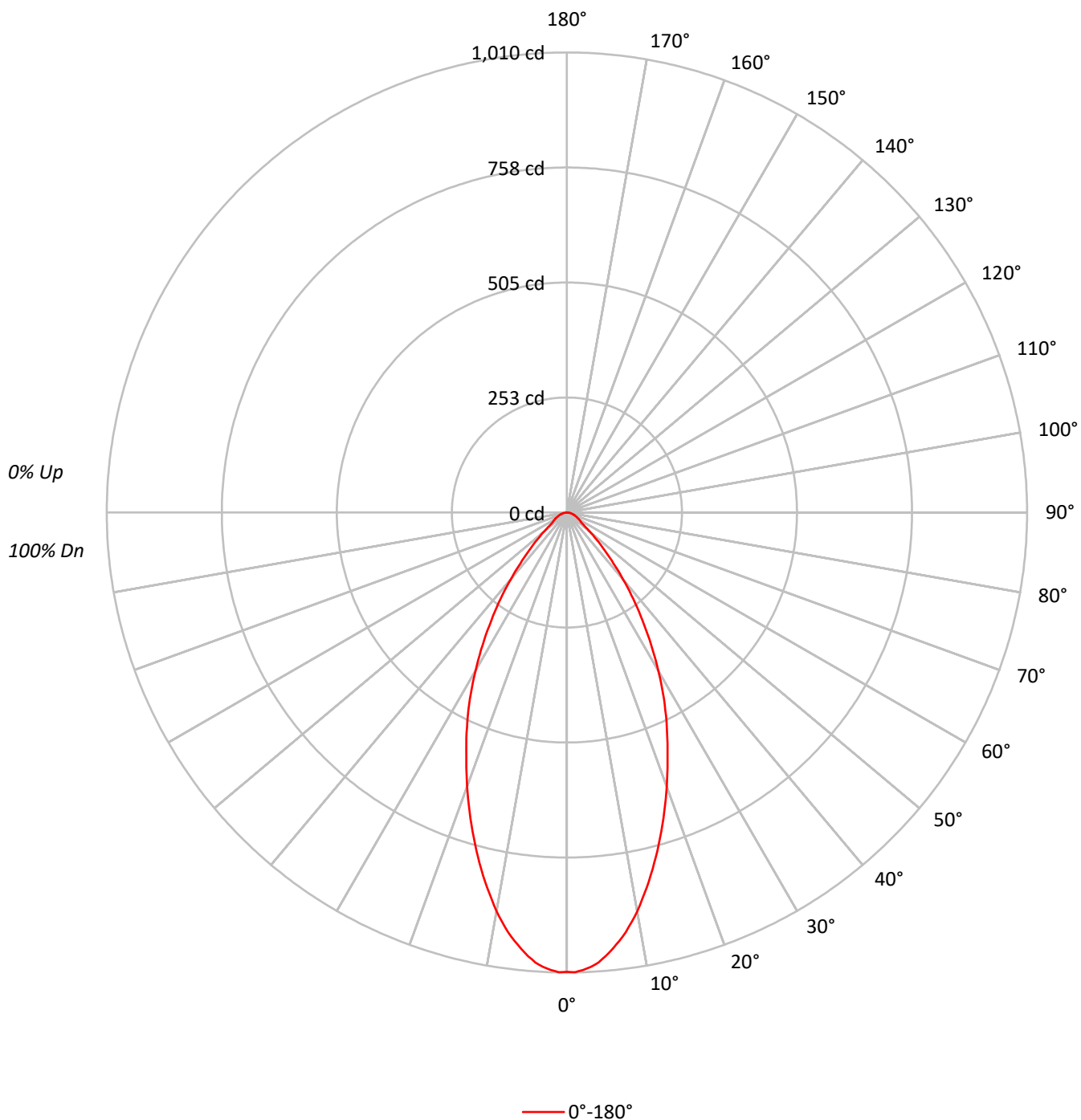
Lumens per Lamp: N/A
Luminaire Lumens: 894.0 lumens
Efficiency: N/A
Efficacy: 42.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		83
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		76
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		70
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		65
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		60
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		55
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		52
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		48
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	221123
5°	215232
10°	197992
15°	174280
20°	149463
25°	125572
30°	101509
35°	77229
40°	54931
45°	36283
50°	22481
55°	14757
60°	13464
65°	12349
70°	11669
75°	10590
80°	9976
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36283 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.5	10.1
10°-20°	213.7	23.9
20°-30°	237.2	26.5
30°-40°	181.0	20.2
40°-50°	92.7	10.4
50°-60°	38.1	4.3
60°-70°	23.7	2.7
70°-80°	13.3	1.5
80°-90°	3.8	0.4
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°	541.4	60.6
0°-40°	722.4	80.8
0°-60°	853.1	95.4
0°-90°	894.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	894.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1008	
5°	978	90
15°	768	214
25°	519	237
35°	288	181
45°	117	93
55°	39	38
65°	24	24
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1008.4
1°	1009.6
2°	1005.0
3°	999.4
4°	990.3
5°	977.8
6°	963.0
7°	947.1
8°	930.1
9°	909.6
10°	889.2
12.5°	830.1
15°	767.7
17.5°	704.1
20°	640.5
22.5°	576.9
25°	519.0
27.5°	461.1
30°	400.9
32.5°	344.1
35°	288.5
37.5°	239.6
40°	191.9
42.5°	151.0
45°	117.0
47.5°	88.6
50°	65.9
52.5°	48.8
55°	38.6
57.5°	35.2
60°	30.7
62.5°	27.3
65°	23.8
67.5°	20.4
70°	18.2
72.5°	14.8
75°	12.5
77.5°	10.2
80°	7.9
82.5°	5.7
85°	3.4
87.5°	1.1
90°	0.0

(END OF REPORT)