

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: P1247562

Luminaire Tested: P3A20R209024D010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247562
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: P3A20R209024D010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

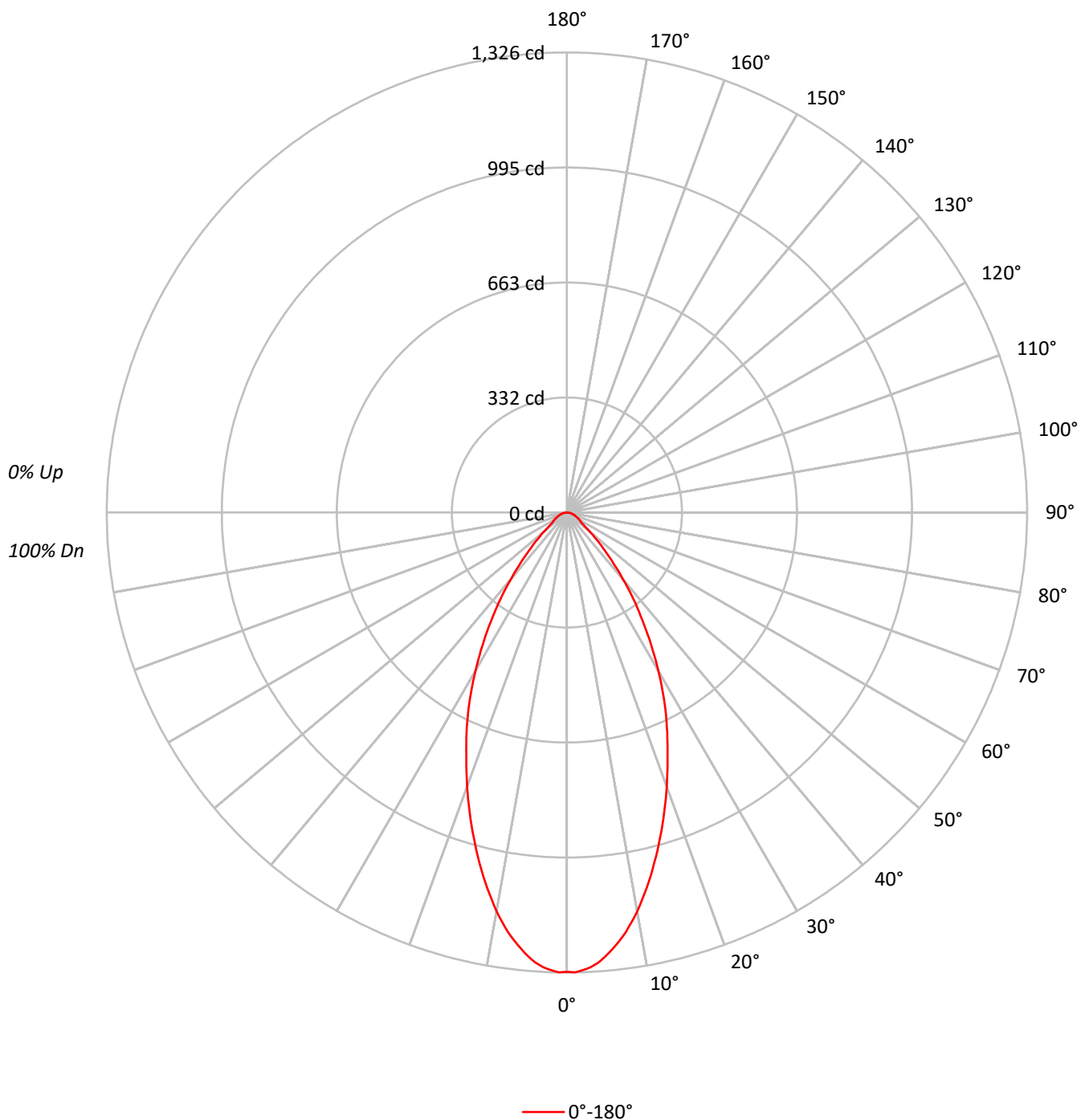
Lumens per Lamp: N/A
Luminaire Lumens: 1174.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	290393
5°	282632
10°	260004
15°	228855
20°	196274
25°	164889
30°	133286
35°	101402
40°	72135
45°	47633
50°	29509
55°	19383
60°	17674
65°	16240
70°	15323
75°	13895
80°	13133
85°	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47633 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.8	10.1
10°-20°	280.7	23.9
20°-30°	311.5	26.5
30°-40°	237.6	20.2
40°-50°	121.7	10.4
50°-60°	50.0	4.3
60°-70°	31.2	2.7
70°-80°	17.5	1.5
80°-90°	5.1	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°	711.0	60.6
0°-40°	948.6	80.8
0°-60°	1120.2	95.4
0°-90°	1174.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1174.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1324	
5°	1284	119
15°	1008	281
25°	682	312
35°	379	238
45°	154	122
55°	51	50
65°	31	31
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1324.3
1°	1325.8
2°	1319.8
3°	1312.4
4°	1300.4
5°	1284.0
6°	1264.6
7°	1243.8
8°	1221.4
9°	1194.5
10°	1167.7
12.5°	1090.1
15°	1008.1
17.5°	924.6
20°	841.1
22.5°	757.6
25°	681.5
27.5°	605.5
30°	526.4
32.5°	451.9
35°	378.8
37.5°	314.7
40°	252.0
42.5°	198.3
45°	153.6
47.5°	116.3
50°	86.5
52.5°	64.1
55°	50.7
57.5°	46.2
60°	40.3
62.5°	35.8
65°	31.3
67.5°	26.8
70°	23.9
72.5°	19.4
75°	16.4
77.5°	13.4
80°	10.4
82.5°	7.5
85°	4.5
87.5°	1.5
90°	0.0

(END OF REPORT)