

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: P1270112

Luminaire Tested: P3A17R209740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270112
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: P3A17R209740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

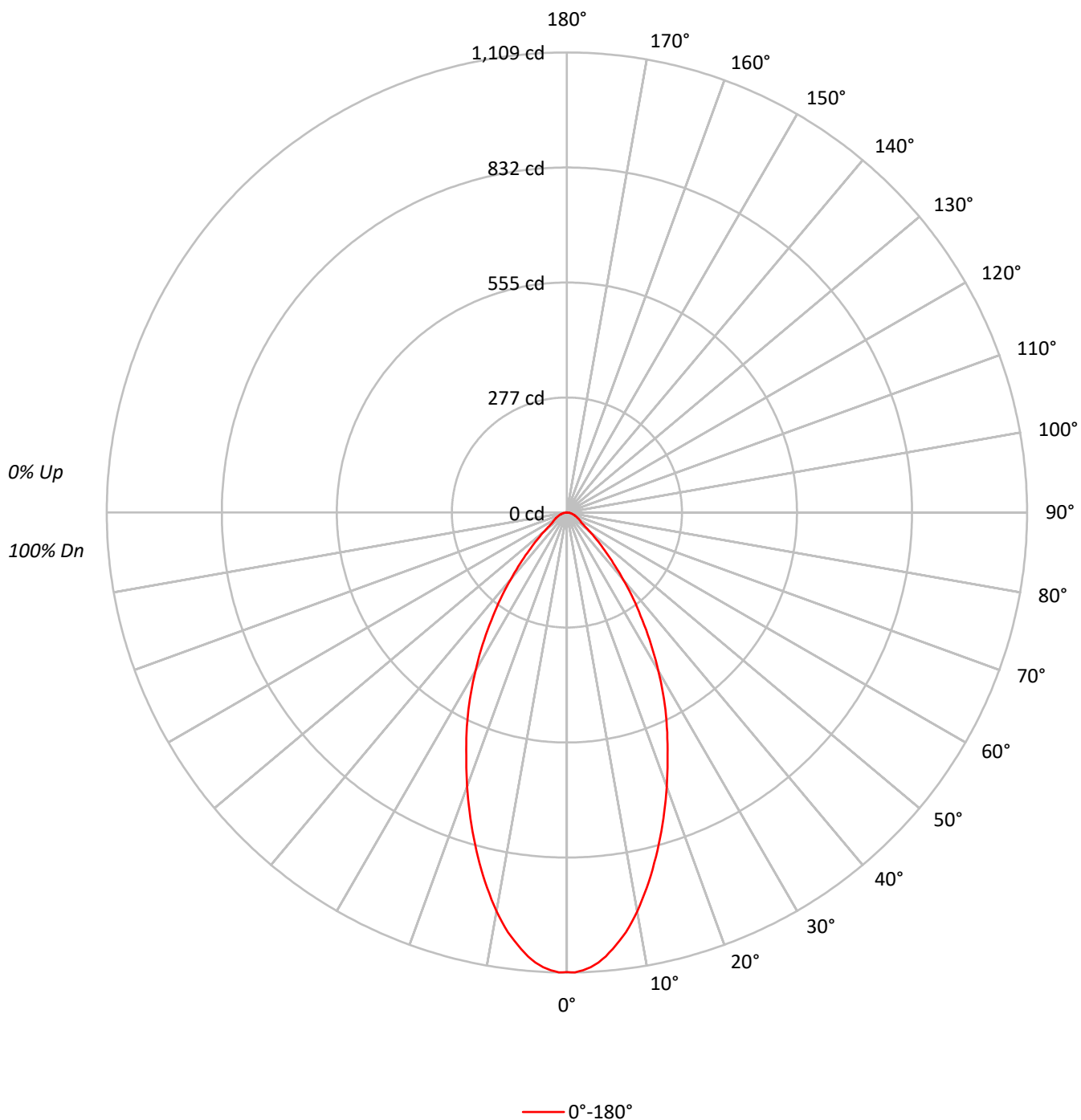
Lumens per Lamp: N/A
Luminaire Lumens: 982.0 lumens
Efficiency: N/A
Efficacy: 46.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1270112

CATALOG NUMBER: P3A17R209740DE010 E3DLD1LI

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°	242897
5°	236407
10°	217475
15°	191443
20°	164164
25°	137935
30°	111486
35°	84805
40°	60342
45°	39849
50°	24699
55°	16210
60°	14780
65°	13594
70°	12823
75°	11607
80°	10986
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39849 cd/sqm

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CATALOG NUMBER: P3A17R209740DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.4	10.1
10°-20°	234.8	23.9
20°-30°	260.6	26.5
30°-40°	198.8	20.2
40°-50°	101.8	10.4
50°-60°	41.8	4.3
60°-70°	26.1	2.7
70°-80°	14.6	1.5
80°-90°	4.2	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°	594.7	60.6
0°-40°	793.5	80.8
0°-60°	937.1	95.4
0°-90°	982.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	982.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1108	
5°	1074	99
15°	843	235
25°	570	261
35°	317	199
45°	128	102
55°	42	42
65°	26	26
75°	14	15
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1107.7
1°	1109.0
2°	1104.0
3°	1097.7
4°	1087.7
5°	1074.0
6°	1057.8
7°	1040.3
8°	1021.6
9°	999.2
10°	976.7
12.5°	911.9
15°	843.3
17.5°	773.4
20°	703.5
22.5°	633.7
25°	570.1
27.5°	506.5
30°	440.3
32.5°	378.0
35°	316.8
37.5°	263.2
40°	210.8
42.5°	165.9
45°	128.5
47.5°	97.3
50°	72.4
52.5°	53.6
55°	42.4
57.5°	38.7
60°	33.7
62.5°	29.9
65°	26.2
67.5°	22.5
70°	20.0
72.5°	16.2
75°	13.7
77.5°	11.2
80°	8.7
82.5°	6.2
85°	3.7
87.5°	1.2
90°	0.0

(END OF REPORT)