

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: P1260295

Luminaire Tested: P3AS17R209050DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260295
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: P3AS17R209050DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

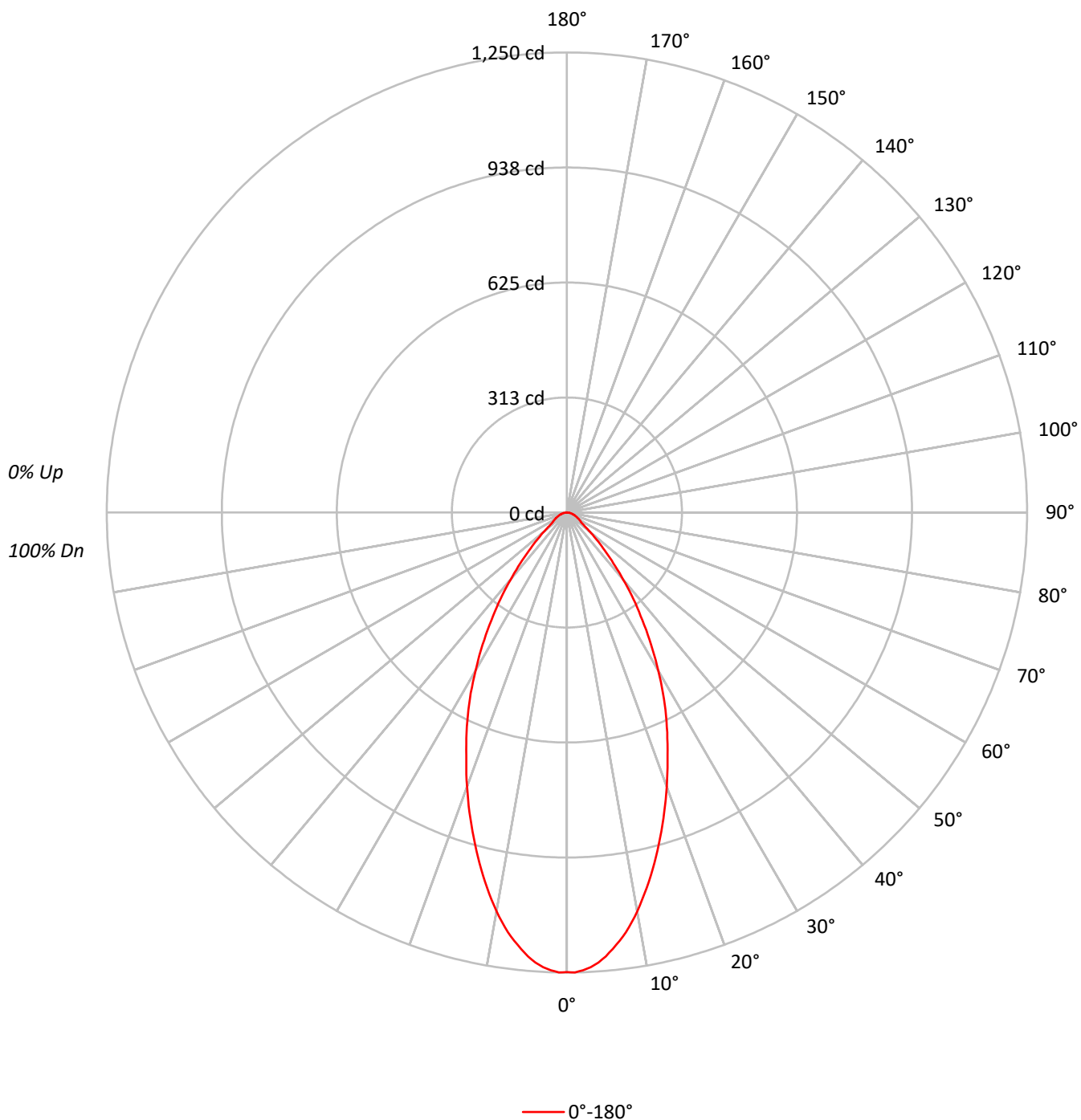
Lumens per Lamp: N/A
Luminaire Lumens: 1107.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	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
1	113	109	106	104		110	107	105	102		103	101	99		99	98	96		96	95	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		90	87	85
3	100	93	87	82		98	91	86	82		88	84	80		86	82	79		84	81	78
4	94	86	79	75		92	85	79	74		82	77	73		80	76	72		78	75	72
5	89	80	73	68		87	79	73	68		77	71	67		75	70	67		73	69	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	80	69	63	58		78	69	62	58		67	62	58		66	61	57		65	60	57
8	75	65	59	54		74	64	58	54		63	58	54		62	57	53		61	57	53
9	72	61	55	50		70	61	55	50		60	54	50		59	54	50		58	53	50
10	68	58	51	47		67	57	51	47		56	51	47		56	51	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	273816
5°	266497
10°	245175
15°	215801
20°	185073
25°	155477
30°	125690
35°	95620
40°	68013
45°	44904
50°	27837
55°	18274
60°	16665
65°	15306
70°	14426
75°	13132
80°	12375
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44904 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.0	10.1
10°-20°	264.6	23.9
20°-30°	293.7	26.5
30°-40°	224.1	20.2
40°-50°	114.7	10.4
50°-60°	47.1	4.3
60°-70°	29.4	2.7
70°-80°	16.5	1.5
80°-90°	4.8	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°	670.4	60.6
0°-40°	894.5	80.8
0°-60°	1056.3	95.4
0°-90°	1107.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1107.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1249	
5°	1211	112
15°	951	265
25°	643	294
35°	357	224
45°	145	115
55°	48	47
65°	30	29
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1248.7
1°	1250.1
2°	1244.5
3°	1237.5
4°	1226.2
5°	1210.7
6°	1192.5
7°	1172.8
8°	1151.7
9°	1126.4
10°	1101.1
12.5°	1027.9
15°	950.6
17.5°	871.8
20°	793.1
22.5°	714.3
25°	642.6
27.5°	570.9
30°	496.4
32.5°	426.1
35°	357.2
37.5°	296.7
40°	237.6
42.5°	187.0
45°	144.8
47.5°	109.7
50°	81.6
52.5°	60.5
55°	47.8
57.5°	43.6
60°	38.0
62.5°	33.7
65°	29.5
67.5°	25.3
70°	22.5
72.5°	18.3
75°	15.5
77.5°	12.7
80°	9.8
82.5°	7.0
85°	4.2
87.5°	1.4
90°	0.0

(END OF REPORT)