

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: P1251127

Luminaire Tested: P3AS05R209030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251127
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: P3AS05R209030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

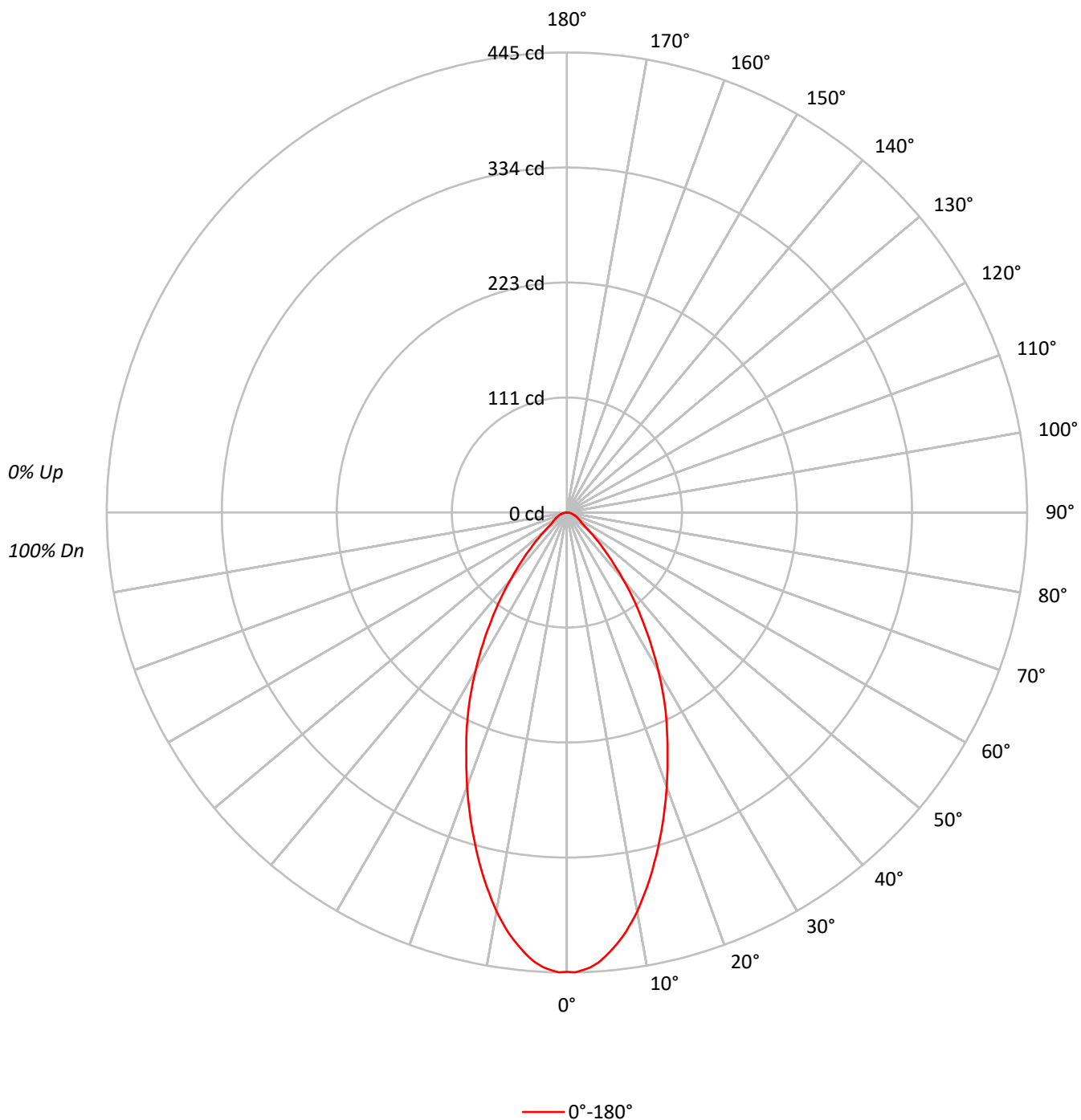
Lumens per Lamp: N/A
Luminaire Lumens: 394.0 lumens
Efficiency: N/A
Efficacy: 54.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1251127

CATALOG NUMBER: P3AS05R209030DE010 E3DLD1MW

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°	97448
5°	94849
10°	87262
15°	76800
20°	65876
25°	55334
30°	44741
35°	34024
40°	24217
45°	16002
50°	9893
55°	6499
60°	5921
65°	5448
70°	5129
75°	4660
80°	4420
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16002 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.9	10.1
10°-20°	94.2	23.9
20°-30°	104.5	26.5
30°-40°	79.7	20.2
40°-50°	40.8	10.4
50°-60°	16.8	4.3
60°-70°	10.4	2.7
70°-80°	5.9	1.5
80°-90°	1.7	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°	238.6	60.6
0°-40°	318.3	80.8
0°-60°	375.9	95.4
0°-90°	394.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	394.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	444	
5°	431	40
15°	338	94
25°	229	105
35°	127	80
45°	52	41
55°	17	17
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	444.4
1°	444.9
2°	442.9
3°	440.4
4°	436.4
5°	430.9
6°	424.4
7°	417.4
8°	409.9
9°	400.9
10°	391.9
12.5°	365.9
15°	338.3
17.5°	310.3
20°	282.3
22.5°	254.2
25°	228.7
27.5°	203.2
30°	176.7
32.5°	151.6
35°	127.1
37.5°	105.6
40°	84.6
42.5°	66.6
45°	51.6
47.5°	39.0
50°	29.0
52.5°	21.5
55°	17.0
57.5°	15.5
60°	13.5
62.5°	12.0
65°	10.5
67.5°	9.0
70°	8.0
72.5°	6.5
75°	5.5
77.5°	4.5
80°	3.5
82.5°	2.5
85°	1.5
87.5°	0.5
90°	0.0

(END OF REPORT)