

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: P1254269

Luminaire Tested: P3AS09R309035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254269
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

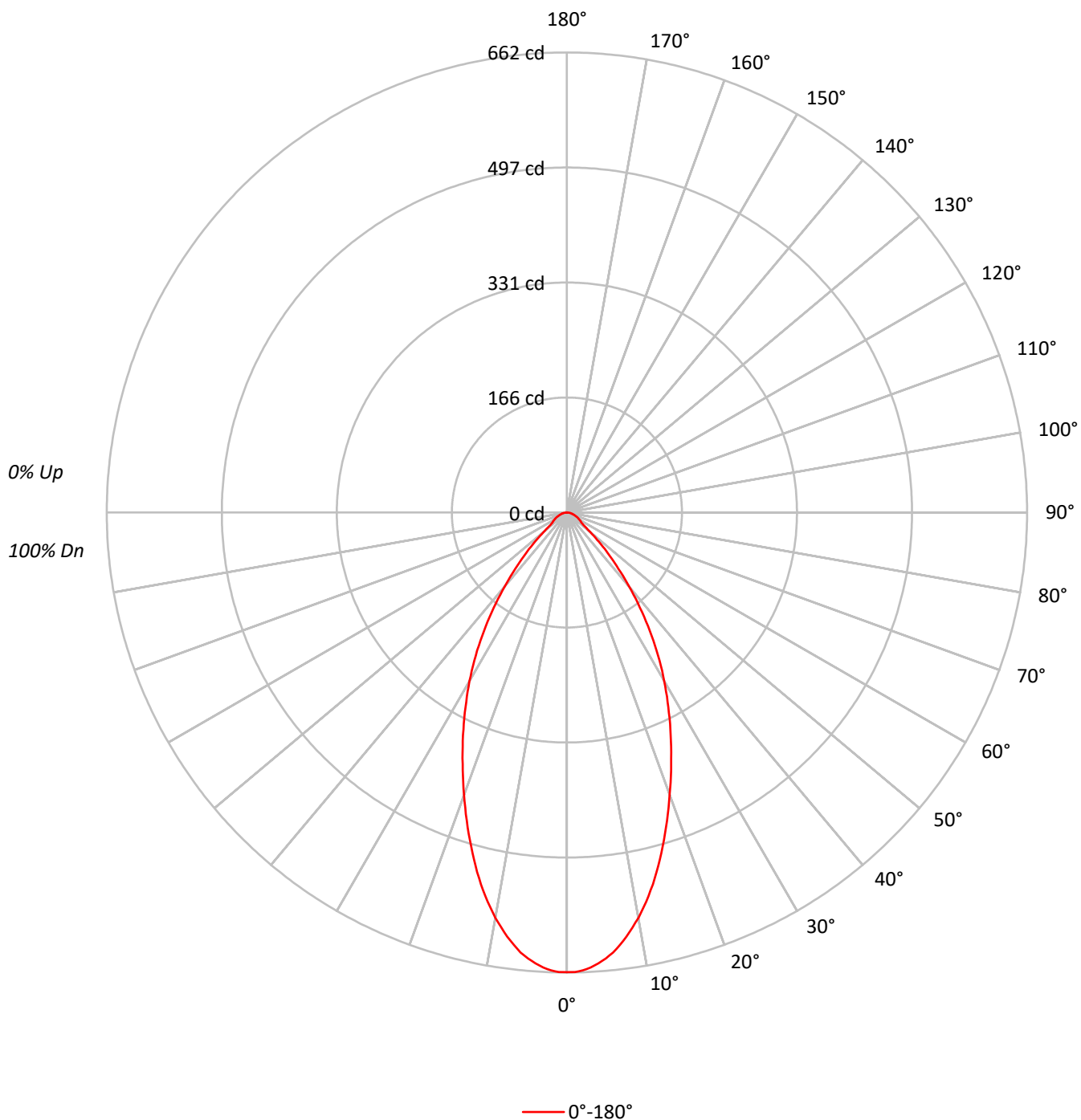
Lumens per Lamp: N/A
Luminaire Lumens: 614.1 lumens
Efficiency: N/A
Efficacy: 55.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1254269

CATALOG NUMBER: P3AS09R309035DE010 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	112	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		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	145054
5°	141800
10°	131861
15°	117345
20°	100925
25°	85505
30°	70973
35°	55653
40°	39903
45°	26173
50°	14908
55°	9787
60°	9254
65°	8613
70°	7758
75°	7032
80°	6693
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26173 cd/sqm

TEST NUMBER: P1254269

CATALOG NUMBER: P3AS09R309035DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.8	9.7
10°-20°	143.7	23.4
20°-30°	161.9	26.4
30°-40°	129.3	21.1
40°-50°	66.5	10.8
50°-60°	25.0	4.1
60°-70°	16.4	2.7
70°-80°	8.9	1.4
80°-90°	2.6	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°	365.4	59.5
0°-40°	494.7	80.6
0°-60°	586.2	95.5
0°-90°	614.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	614.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	662	
5°	644	60
15°	517	144
25°	353	162
35°	208	129
45°	84	66
55°	26	25
65°	17	16
75°	8	9
85°	2	3
90°	0	

TEST NUMBER: P1254269

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CANDELA DISTRIBUTION (FULL):

0°	
0°	661.5
1°	661.5
2°	659.3
3°	655.5
4°	650.2
5°	644.2
6°	636.7
7°	626.9
8°	616.3
9°	604.3
10°	592.2
11°	578.6
12°	564.3
13°	549.3
14°	533.4
15°	516.9
17.5°	474.7
20°	432.5
22.5°	391.8
25°	353.4
27.5°	315.7
30°	280.3
32.5°	244.1
35°	207.9
37.5°	172.5
40°	139.4
42.5°	110.0
45°	84.4
47.5°	62.5
50°	43.7
52.5°	30.9
55°	25.6
57.5°	23.4
60°	21.1
62.5°	18.8
65°	16.6
67.5°	14.3
70°	12.1
72.5°	9.8
75°	8.3
77.5°	6.8
80°	5.3
82.5°	3.8
85°	2.3
87.5°	0.8



TEST NUMBER: P1254269
CATALOG NUMBER: P3AS09R309035DE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)