

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: P1250779

Luminaire Tested: P3AS02R309030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250779
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: P3AS02R309030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

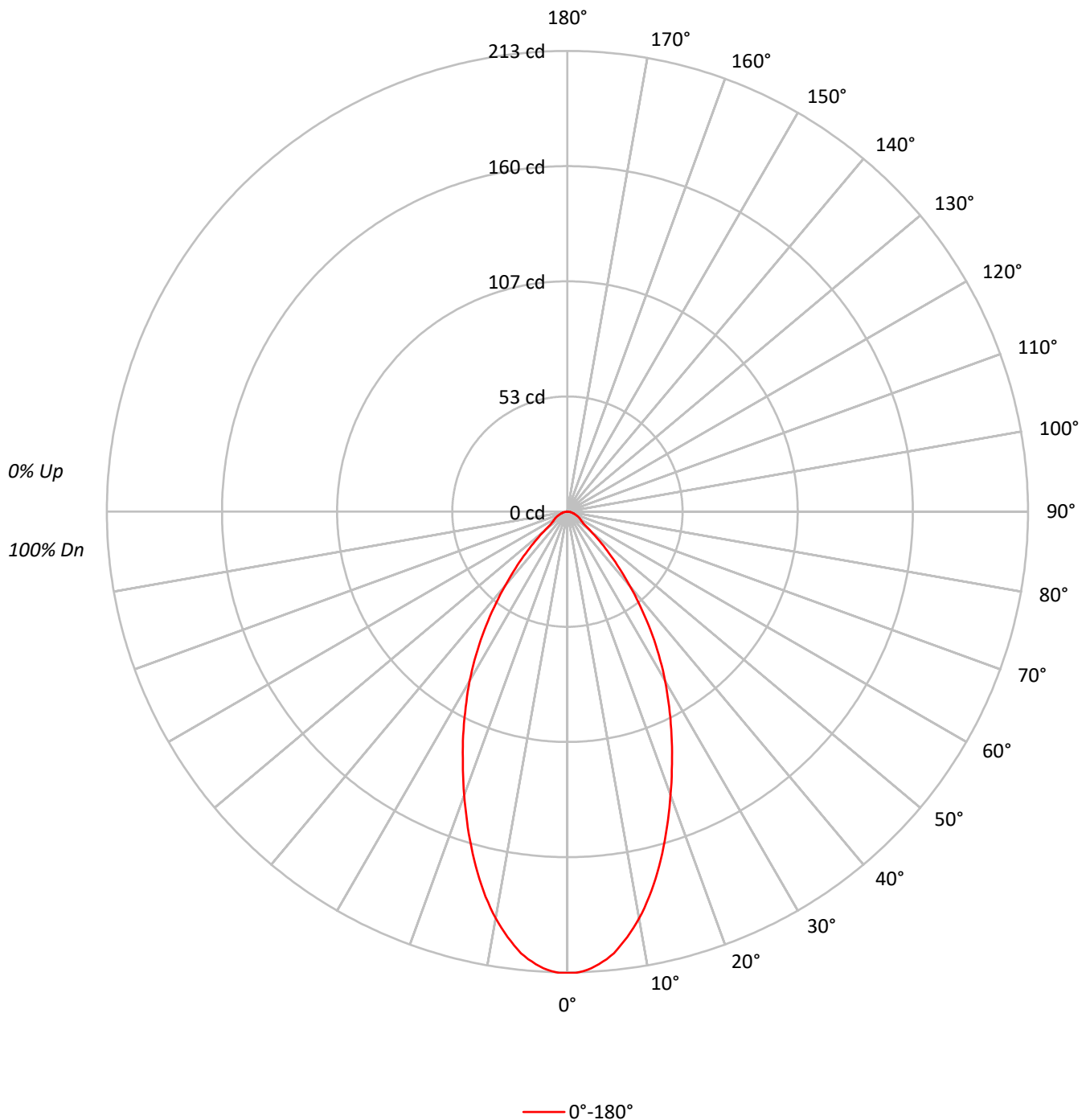
Lumens per Lamp: N/A
Luminaire Lumens: 198.0 lumens
Efficiency: N/A
Efficacy: 55.0 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1250779

CATALOG NUMBER: P3AS02R309030DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1250779

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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°	46773
5°	45719
10°	42529
15°	37844
20°	32553
25°	27582
30°	22890
35°	17962
40°	12853
45°	8435
50°	4810
55°	3173
60°	2982
65°	2750
70°	2500
75°	2288
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8435 cd/sqm

TEST NUMBER: P1250779

CATALOG NUMBER: P3AS02R309030DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	9.7
10°-20°	46.3	23.4
20°-30°	52.2	26.4
30°-40°	41.7	21.1
40°-50°	21.4	10.8
50°-60°	8.1	4.1
60°-70°	5.3	2.7
70°-80°	2.9	1.5
80°-90°	0.8	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°	117.8	59.5
0°-40°	159.5	80.6
0°-60°	189.1	95.5
0°-90°	198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	198.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	213	
5°	208	19
15°	167	46
25°	114	52
35°	67	42
45°	27	21
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1250779

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CANDELA DISTRIBUTION (FULL):

0°	
0°	213.3
1°	213.3
2°	212.6
3°	211.4
4°	209.7
5°	207.7
6°	205.3
7°	202.1
8°	198.7
9°	194.9
10°	191.0
11°	186.6
12°	182.0
13°	177.1
14°	172.0
15°	166.7
17.5°	153.1
20°	139.5
22.5°	126.3
25°	114.0
27.5°	101.8
30°	90.4
32.5°	78.7
35°	67.1
37.5°	55.6
40°	44.9
42.5°	35.5
45°	27.2
47.5°	20.2
50°	14.1
52.5°	10.0
55°	8.3
57.5°	7.5
60°	6.8
62.5°	6.1
65°	5.3
67.5°	4.6
70°	3.9
72.5°	3.2
75°	2.7
77.5°	2.2
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.2



TEST NUMBER: P1250779

CATALOG NUMBER: P3AS02R309030DE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)