

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: P1276097

Luminaire Tested: P3AS13R309835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276097
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: P3AS13R309835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

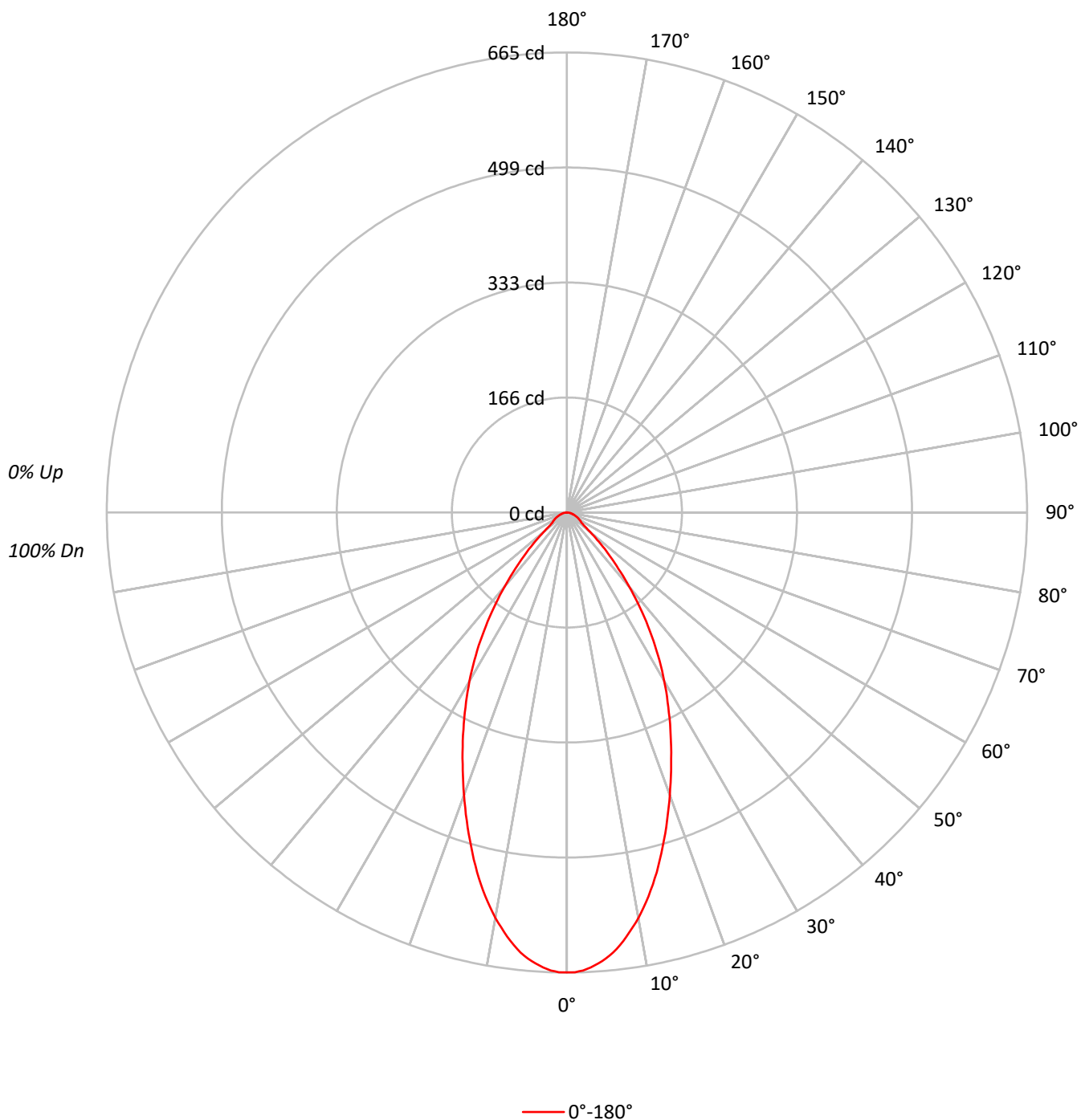
Lumens per Lamp: N/A
Luminaire Lumens: 617.0 lumens
Efficiency: N/A
Efficacy: 42.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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				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°	145778
5°	142483
10°	132507
15°	117912
20°	101415
25°	85916
30°	71302
35°	55948
40°	40104
45°	26297
50°	14976
55°	9825
60°	9298
65°	8665
70°	7758
75°	7032
80°	6693
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26297 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.1	9.7
10°-20°	144.4	23.4
20°-30°	162.7	26.4
30°-40°	130.0	21.1
40°-50°	66.8	10.8
50°-60°	25.1	4.1
60°-70°	16.5	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°	367.2	59.5
0°-40°	497.2	80.6
0°-60°	589.0	95.5
0°-90°	617.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	617.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	665	
5°	647	60
15°	519	144
25°	355	163
35°	209	130
45°	85	67
55°	26	25
65°	17	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	664.8
1°	664.8
2°	662.5
3°	658.7
4°	653.4
5°	647.3
6°	639.8
7°	629.9
8°	619.3
9°	607.2
10°	595.1
11°	581.5
12°	567.1
13°	551.9
14°	536.0
15°	519.4
17.5°	477.0
20°	434.6
22.5°	393.7
25°	355.1
27.5°	317.2
30°	281.6
32.5°	245.3
35°	209.0
37.5°	173.4
40°	140.1
42.5°	110.5
45°	84.8
47.5°	62.8
50°	43.9
52.5°	31.0
55°	25.7
57.5°	23.5
60°	21.2
62.5°	18.9
65°	16.7
67.5°	14.4
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



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)