

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: P1276442

Luminaire Tested: P3AS17R309835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276442
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: P3AS17R309835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

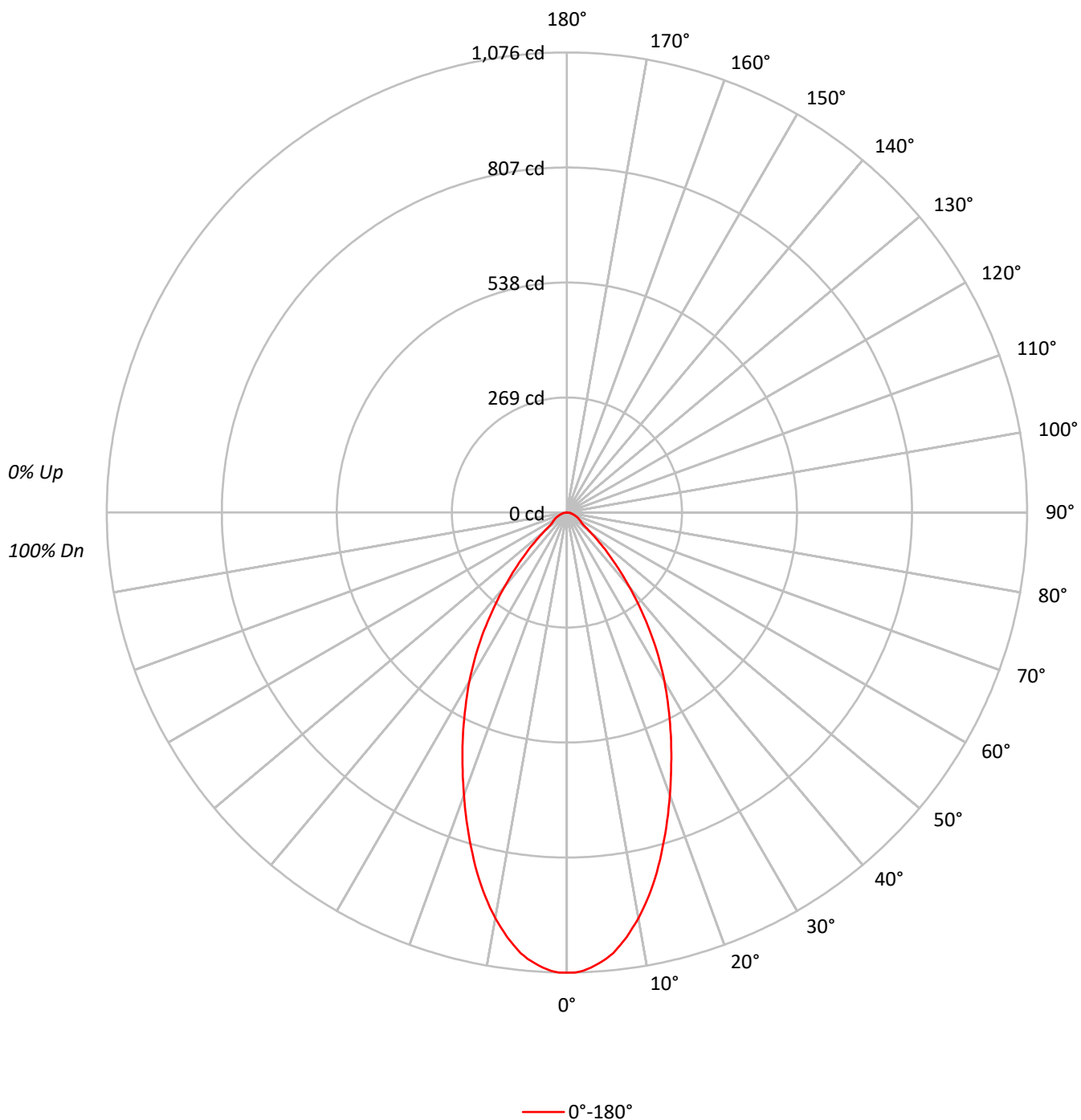
Lumens per Lamp: N/A
Luminaire Lumens: 999.0 lumens
Efficiency: N/A
Efficacy: 49.0 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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°	236012
5°	230706
10°	214536
15°	190898
20°	164211
25°	139097
30°	115461
35°	90560
40°	64922
45°	42578
50°	24255
55°	15942
60°	15043
65°	14009
70°	12566
75°	11438
80°	10860
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42578 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.3	9.7
10°-20°	233.8	23.4
20°-30°	263.5	26.4
30°-40°	210.4	21.1
40°-50°	108.1	10.8
50°-60°	40.7	4.1
60°-70°	26.7	2.7
70°-80°	14.4	1.4
80°-90°	4.2	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°	594.5	59.5
0°-40°	804.9	80.6
0°-60°	953.8	95.5
0°-90°	999.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	999.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1076	
5°	1048	97
15°	841	234
25°	575	263
35°	338	210
45°	137	108
55°	42	41
65°	27	27
75°	14	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1076.3
1°	1076.3
2°	1072.6
3°	1066.5
4°	1057.9
5°	1048.1
6°	1035.9
7°	1019.9
8°	1002.8
9°	983.1
10°	963.5
11°	941.5
12°	918.2
13°	893.7
14°	867.9
15°	840.9
17.5°	772.3
20°	703.7
22.5°	637.5
25°	574.9
27.5°	513.6
30°	456.0
32.5°	397.2
35°	338.3
37.5°	280.7
40°	226.8
42.5°	179.0
45°	137.3
47.5°	101.7
50°	71.1
52.5°	50.3
55°	41.7
57.5°	38.0
60°	34.3
62.5°	30.6
65°	27.0
67.5°	23.3
70°	19.6
72.5°	15.9
75°	13.5
77.5°	11.0
80°	8.6
82.5°	6.1
85°	3.7
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)