

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: P1276410

Luminaire Tested: P3AS17R259835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276410
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

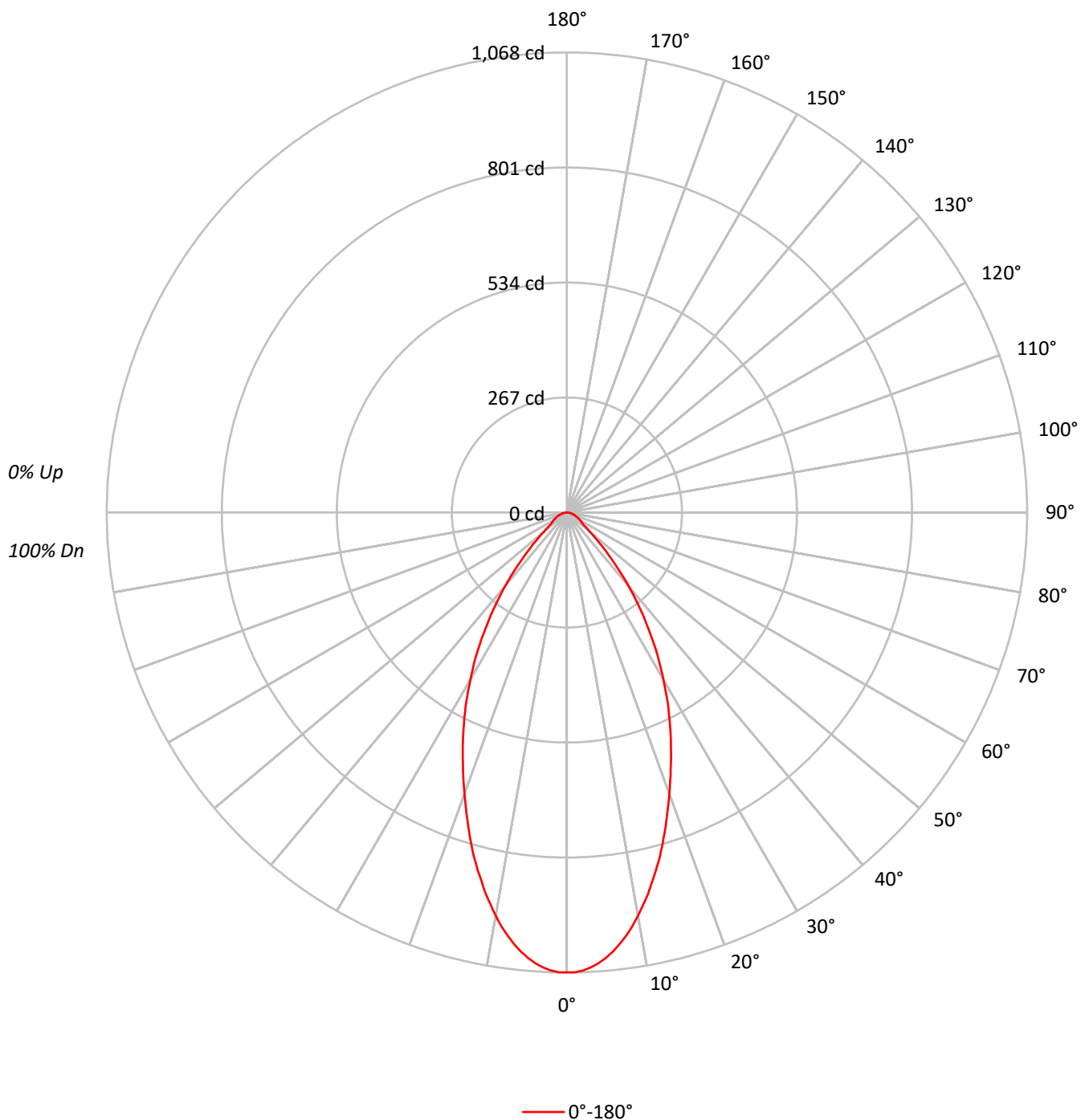
Lumens per Lamp: N/A
Luminaire Lumens: 985.0 lumens
Efficiency: N/A
Efficacy: 48.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1276410

CATALOG NUMBER: P3AS17R259835DE010 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		83
4	94	85	79	74	92	84	78	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°	234104
5°	228505
10°	211753
15°	188582
20°	162064
25°	137766
30°	113410
35°	88365
40°	63576
45°	40345
50°	23846
55°	16401
60°	15087
65°	14009
70°	12566
75°	11438
80°	10860
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40345 cd/sqm

TEST NUMBER: P1276410

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.3	9.8
10°-20°	230.6	23.4
20°-30°	260.6	26.5
30°-40°	206.1	20.9
40°-50°	104.1	10.6
50°-60°	41.7	4.2
60°-70°	26.7	2.7
70°-80°	14.7	1.5
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°	587.5	59.6
0°-40°	793.6	80.6
0°-60°	939.4	95.4
0°-90°	985.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	985.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1068	
5°	1038	96
15°	831	231
25°	569	261
35°	330	206
45°	130	104
55°	43	42
65°	27	27
75°	14	15
85°	4	4
90°	0	

TEST NUMBER: P1276410

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1067.6
1°	1067.6
2°	1063.9
3°	1057.8
4°	1049.2
5°	1038.1
6°	1024.6
7°	1008.7
8°	991.5
9°	971.9
10°	951.0
11°	927.7
12°	905.6
13°	879.8
14°	855.3
15°	830.7
17.5°	762.0
20°	694.5
22.5°	630.7
25°	569.4
27.5°	509.2
30°	447.9
32.5°	390.2
35°	330.1
37.5°	274.9
40°	222.1
42.5°	173.0
45°	130.1
47.5°	96.9
50°	69.9
52.5°	52.8
55°	42.9
57.5°	39.3
60°	34.4
62.5°	30.7
65°	27.0
67.5°	23.3
70°	19.6
72.5°	17.2
75°	13.5
77.5°	11.0
80°	8.6
82.5°	6.1
85°	3.7
87.5°	1.2



TEST NUMBER: P1276410
CATALOG NUMBER: P3AS17R259835DE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)