

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: P1276383

Luminaire Tested: P3AS17R209835DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276383
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209835DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

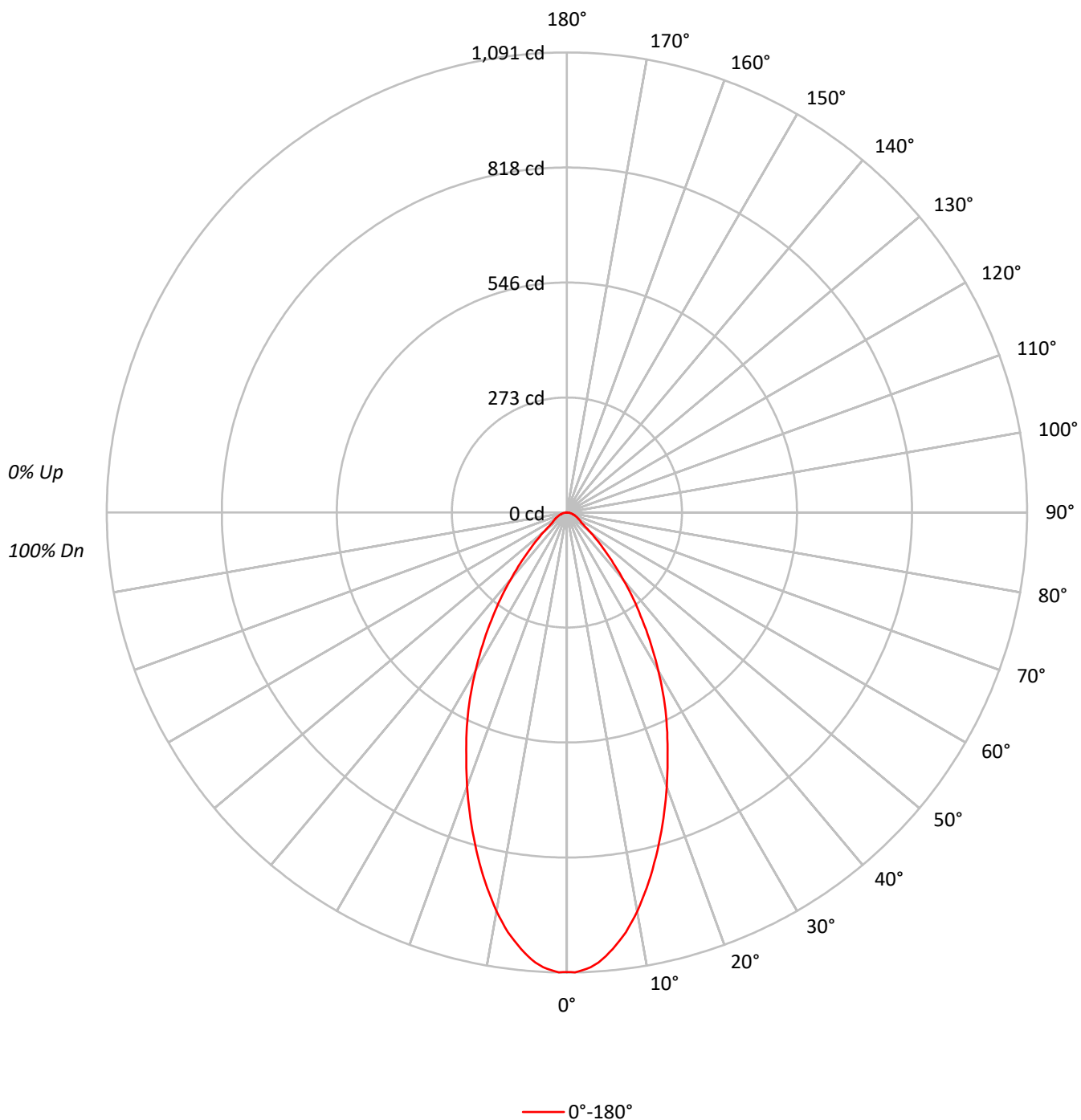
Lumens per Lamp: N/A
Luminaire Lumens: 966.0 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	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		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	238950
5°	232555
10°	213935
15°	188310
20°	161504
25°	135685
30°	109688
35°	83440
40°	59368
45°	39198
50°	24289
55°	15942
60°	14516
65°	13387
70°	12566
75°	11438
80°	10860
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39198 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.7	10.1
10°-20°	230.9	23.9
20°-30°	256.3	26.5
30°-40°	195.5	20.2
40°-50°	100.1	10.4
50°-60°	41.1	4.3
60°-70°	25.7	2.7
70°-80°	14.4	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°	585.0	60.6
0°-40°	780.5	80.8
0°-60°	921.8	95.4
0°-90°	966.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	966.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1090	
5°	1056	98
15°	830	231
25°	561	256
35°	312	196
45°	126	100
55°	42	41
65°	26	26
75°	14	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1089.7
1°	1090.9
2°	1086.0
3°	1079.8
4°	1070.0
5°	1056.5
6°	1040.6
7°	1023.4
8°	1005.0
9°	982.9
10°	960.8
12.5°	897.0
15°	829.5
17.5°	760.8
20°	692.1
22.5°	623.4
25°	560.8
27.5°	498.2
30°	433.2
32.5°	371.8
35°	311.7
37.5°	258.9
40°	207.4
42.5°	163.2
45°	126.4
47.5°	95.7
50°	71.2
52.5°	52.8
55°	41.7
57.5°	38.0
60°	33.1
62.5°	29.5
65°	25.8
67.5°	22.1
70°	19.6
72.5°	16.0
75°	13.5
77.5°	11.0
80°	8.6
82.5°	6.1
85°	3.7
87.5°	1.2
90°	0.0

(END OF REPORT)