

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: P1276666

Luminaire Tested: P3AS17R709835DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276666
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R709835DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

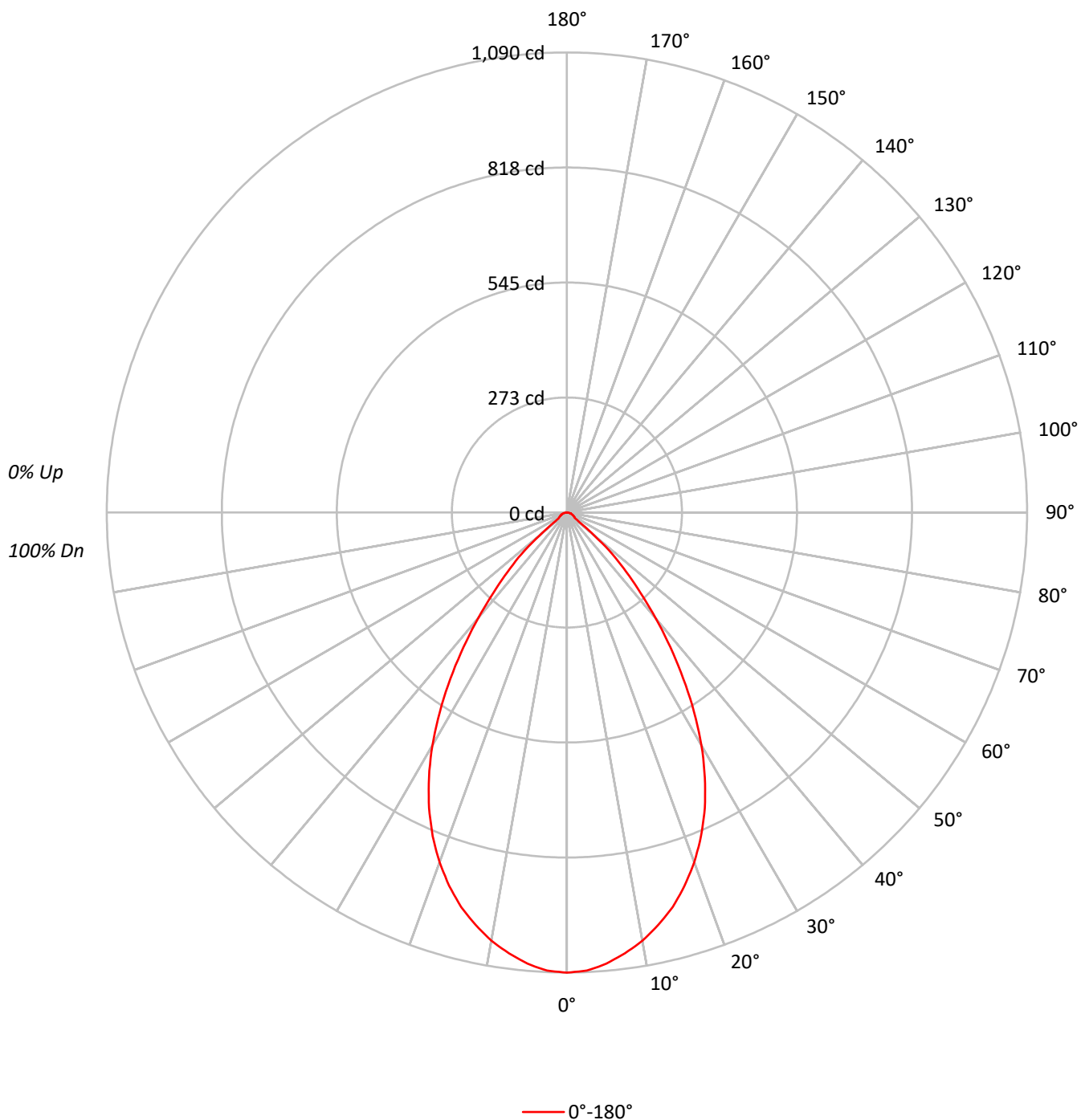
Lumens per Lamp: N/A
Luminaire Lumens: 1235.0 lumens
Efficiency: N/A
Efficacy: 60.5 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	92	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	239082
5°	236209
10°	229388
15°	219683
20°	205771
25°	186954
30°	161493
35°	128706
40°	93747
45°	61619
50°	28860
55°	8908
60°	8596
65°	8250
70°	7886
75°	8303
80°	7703
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 61619 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.1	8.2
10°-20°	270.8	21.9
20°-30°	352.0	28.5
30°-40°	298.7	24.2
40°-50°	154.0	12.5
50°-60°	29.7	2.4
60°-70°	16.1	1.3
70°-80°	9.9	0.8
80°-90°	2.8	0.2
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°	723.9	58.6
0°-40°	1022.6	82.8
0°-60°	1206.2	97.7
0°-90°	1235.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1235.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1090	
5°	1073	101
15°	968	271
25°	773	352
35°	481	299
45°	199	154
55°	23	30
65°	16	16
75°	10	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1090.3
2.5°	1086.6
5°	1073.1
7.5°	1053.5
10°	1030.2
12.5°	1000.8
15°	967.7
17.5°	927.2
20°	881.8
22.5°	830.3
25°	772.7
27.5°	707.7
30°	637.8
32.5°	560.5
35°	480.8
37.5°	402.3
40°	327.5
42.5°	257.6
45°	198.7
47.5°	145.9
50°	84.6
52.5°	36.8
55°	23.3
57.5°	22.1
60°	19.6
62.5°	18.4
65°	15.9
67.5°	14.7
70°	12.3
72.5°	11.0
75°	9.8
77.5°	7.4
80°	6.1
82.5°	3.7
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)