

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: P1255074

Luminaire Tested: P3AS17R359035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255074
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

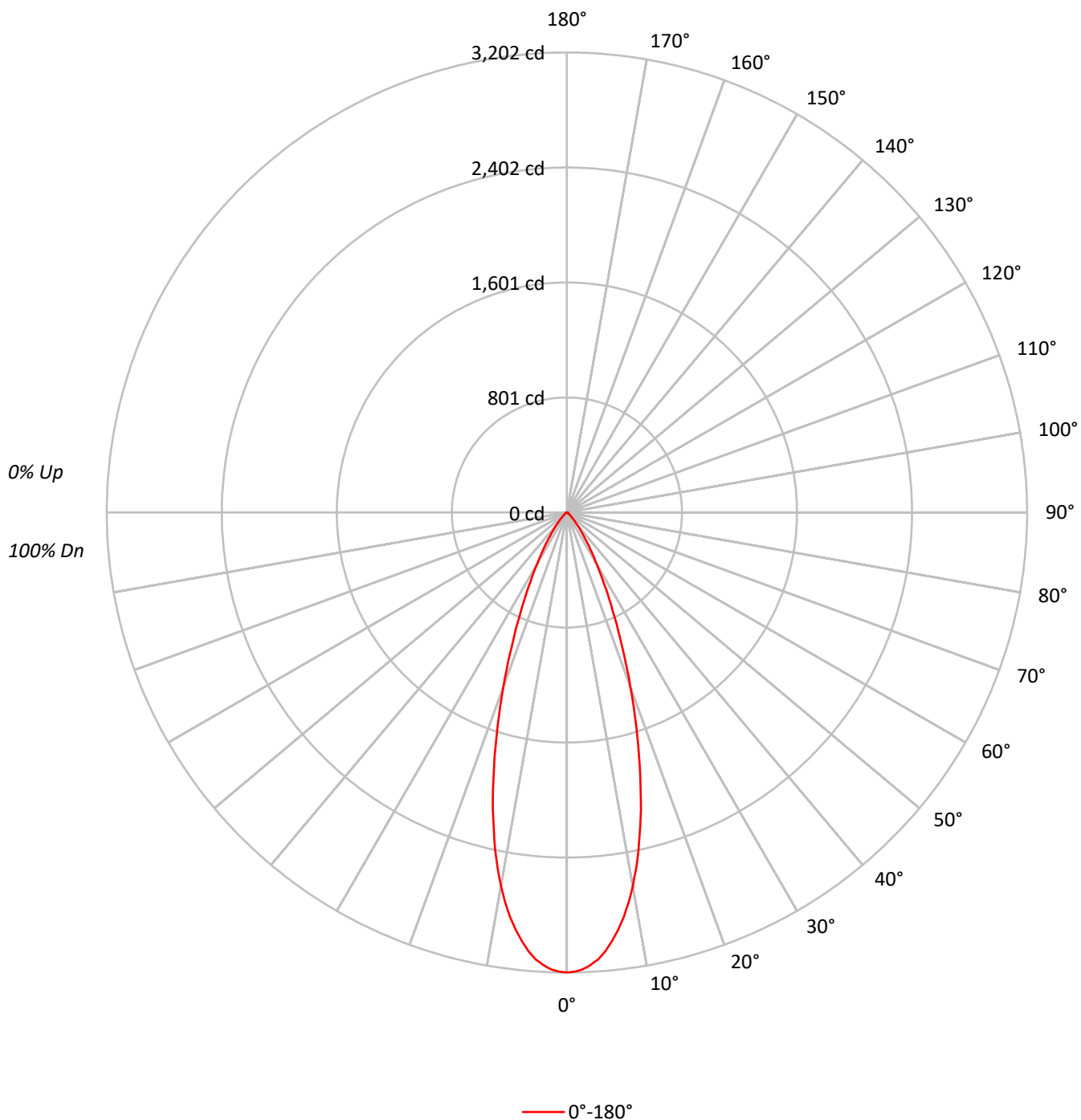
Lumens per Lamp: N/A
Luminaire Lumens: 1392.0 lumens
Efficiency: N/A
Efficacy: 65.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	69	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	702071
5°	674729
10°	587898
15°	450286
20°	301260
25°	182285
30°	104598
35°	58491
40°	31087
45°	16002
50°	7676
55°	6079
60°	5789
65°	4825
70°	5065
75°	4490
80°	5051
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 16002 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	278.9	20.0
10°-20°	540.5	38.8
20°-30°	353.8	25.4
30°-40°	143.5	10.3
40°-50°	43.1	3.1
50°-60°	14.6	1.1
60°-70°	9.8	0.7
70°-80°	5.8	0.4
80°-90°	2.0	0.1
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°	1173.2	84.3
0°-40°	1316.7	94.6
0°-60°	1374.4	98.7
0°-90°	1392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1392.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3202	
5°	3065	279
15°	1984	540
25°	753	354
35°	218	144
45°	52	43
55°	16	15
65°	9	10
75°	5	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3201.7
1°	3196.4
2°	3181.8
3°	3152.7
4°	3118.3
5°	3065.3
6°	2999.1
7°	2924.9
8°	2841.5
9°	2746.2
10°	2640.3
11°	2522.4
12°	2399.3
13°	2261.6
14°	2130.5
15°	1983.5
17.5°	1627.3
20°	1291.0
22.5°	993.1
25°	753.4
27.5°	561.4
30°	413.1
32.5°	303.2
35°	218.5
37.5°	154.9
40°	108.6
42.5°	75.5
45°	51.6
47.5°	34.4
50°	22.5
52.5°	17.2
55°	15.9
57.5°	14.6
60°	13.2
62.5°	11.9
65°	9.3
67.5°	7.9
70°	7.9
72.5°	6.6
75°	5.3
77.5°	4.0
80°	4.0
82.5°	2.6
85°	1.3
87.5°	1.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)