

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: P1300737

Luminaire Tested: P3AS17R35W2N902765DE010 E3PH1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300737
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R35W2N902765DE010 E3PH1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 90CRI ,
E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

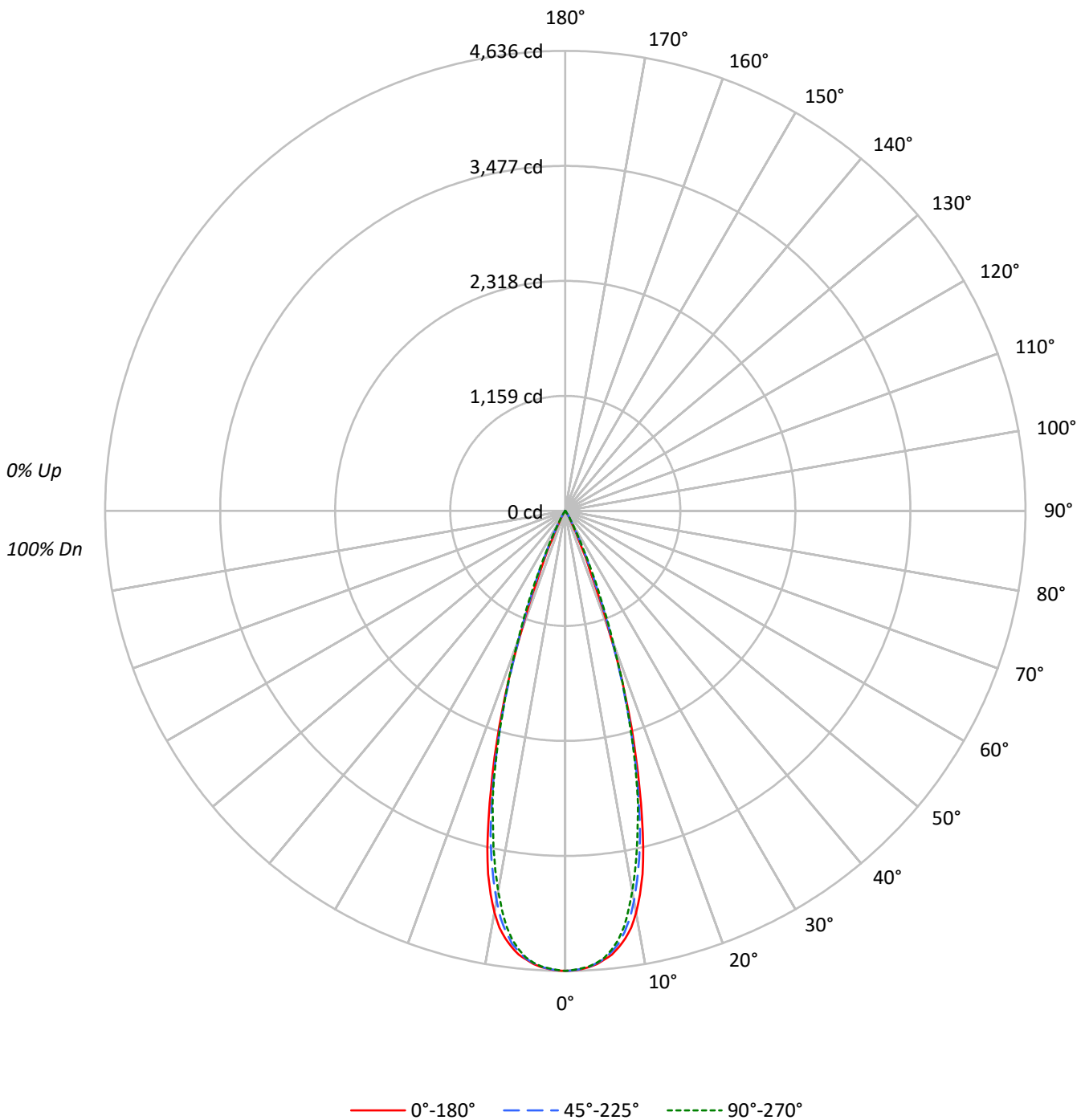
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1407.0 lumens
Efficiency: N/A
Efficacy: 72.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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									20
RC	80									70									50									30									10									0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0																
RCR																																														
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	96	95	94	93	92	91	90	89	88	87															
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85																
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82																
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79																
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76																
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83	82	81	80	79	78	77	76	75	74	73																
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80	79	78	77	76	75	74	73	72	71	70																
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78	77	76	75	74	73	72	71	70	69	68																
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75	74	73	72	71	70	69	68	67	66	65																
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73	72	71	70	69	68	67	66	65	64	63																
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71	70	69	68	67	66	65	64	63	62	61																

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1016498	1016498	1016498
5°	999029	996894	994759
10°	915592	888071	866495
15°	655622	634714	627018
20°	304013	314491	325505
25°	72125	102635	107014
30°	21168	24232	27321
35°	4872	7790	7147
40°	1031	2090	1374
45°	372	372	372
50°	409	0	409
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 52.5°

Luminance: 432 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	416.2	29.6
10°-20°	744.0	52.9
20°-30°	223.8	15.9
30°-40°	21.4	1.5
40°-50°	1.5	0.1
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1384.0	98.4
0°-40°	1405.4	99.9
0°-60°	1407.0	100.0
0°-90°	1407.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1407.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4636	4636	4636	4636	4636	
5°	4539	4537	4529	4523	4519	421
15°	2888	2866	2796	2784	2762	763
25°	298	328	424	442	442	192
35°	18	24	29	32	27	17
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4635.6	4635.6	4635.6	4635.6	4635.6
1°	4633.2	4633.2	4630.7	4630.7	4625.9
2°	4622.2	4623.5	4618.6	4617.4	4613.8
3°	4605.3	4601.6	4601.6	4599.2	4596.8
4°	4578.6	4571.3	4568.9	4570.1	4565.3
5°	4538.6	4537.4	4528.9	4522.9	4519.2
6°	4495.0	4486.5	4468.3	4452.6	4448.9
7°	4429.6	4411.4	4395.6	4362.9	4358.0
8°	4349.6	4320.5	4286.5	4240.5	4238.1
9°	4251.4	4204.1	4156.9	4095.1	4073.2
10°	4112.0	4068.4	3988.4	3933.9	3891.5
11°	3938.7	3884.2	3790.9	3725.4	3690.3
12°	3742.4	3691.5	3582.4	3523.0	3473.4
13°	3490.3	3447.9	3346.1	3280.7	3241.9
14°	3198.2	3166.7	3069.8	3040.7	3027.4
15°	2888.0	2866.2	2795.9	2783.8	2762.0
17.5°	2125.7	2089.3	2049.3	2056.6	2063.9
20°	1302.8	1353.7	1347.7	1374.3	1394.9
22.5°	649.6	715.0	791.4	837.4	860.5
25°	298.1	328.4	424.2	442.3	442.3
27.5°	150.3	157.5	200.0	203.6	213.3
30°	83.6	89.7	95.7	106.6	107.9
32.5°	42.4	49.7	52.1	58.2	55.7
35°	18.2	24.2	29.1	31.5	26.7
37.5°	8.5	10.9	15.8	14.5	10.9
40°	3.6	4.8	7.3	6.1	4.8
42.5°	2.4	2.4	3.6	2.4	2.4
45°	1.2	1.2	1.2	1.2	1.2
47.5°	1.2	1.2	0.0	1.2	1.2
50°	1.2	0.0	0.0	0.0	1.2
52.5°	1.2	0.0	0.0	0.0	1.2
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)