

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: P1300738

Luminaire Tested: P3A17R35W2N902765DE010 E3PH1MW\_5000K

Issue Date: 1/29/2026

**Test Information**

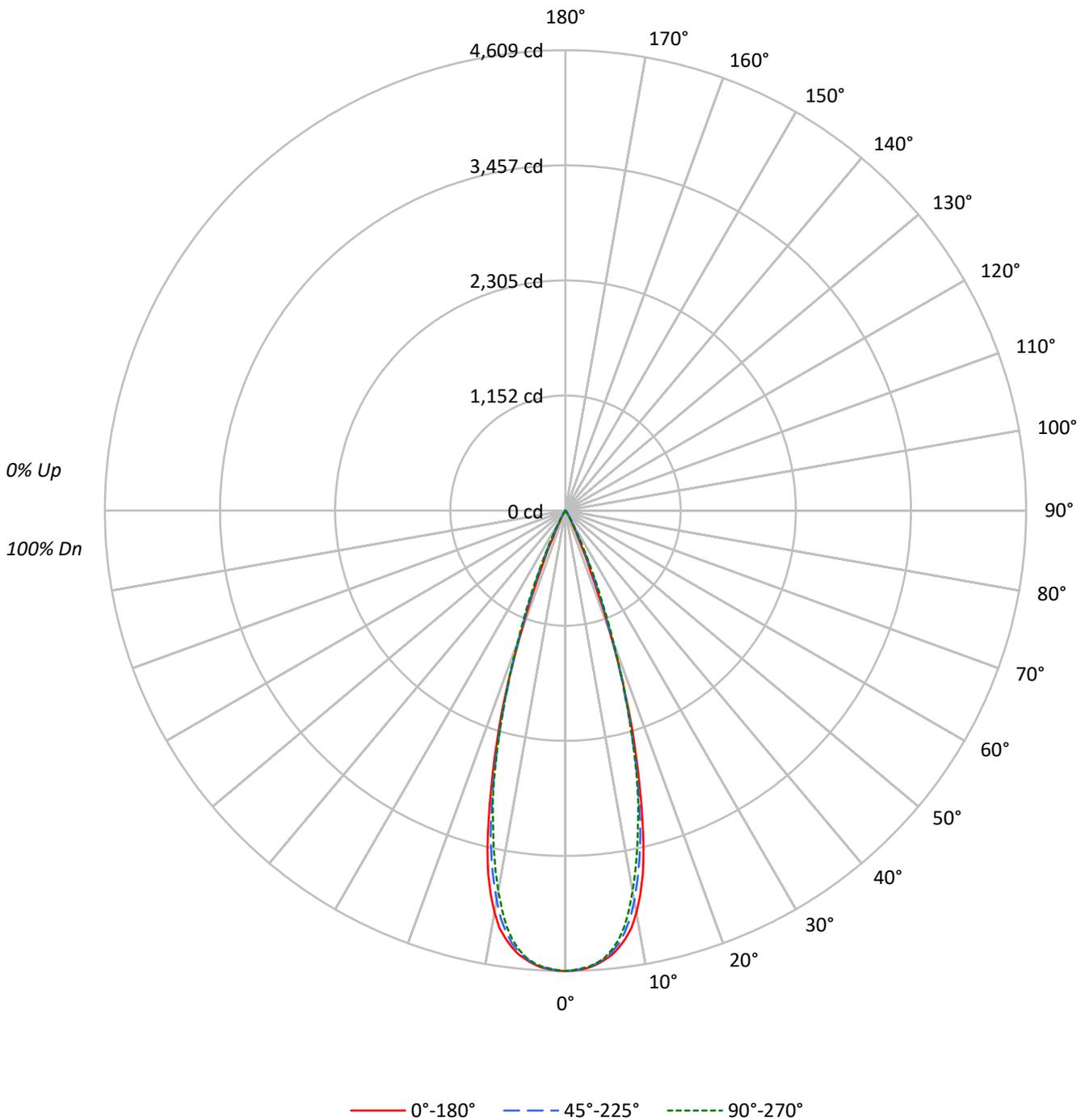
Test Method: LM-79-2019  
Report Number: P1300738  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A17R35W2N902765DE010 E3PH1MW\_5000K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,  
E3PH1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1399.0 lumens  
Efficiency: N/A  
Efficacy: 72.1 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	
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	1010708	1010708	1010708
5°	993350	991237	989102
10°	910382	883016	861552
15°	651899	631105	623454
20°	302286	312694	323661
25°	71714	102054	106409
30°	21041	24105	27143
35°	4845	7736	7094
40°	1031	2061	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°	413.8	29.6
10°-20°	739.8	52.9
20°-30°	222.6	15.9
30°-40°	21.3	1.5
40°-50°	1.4	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°	1376.2	98.4
0°-40°	1397.4	99.9
0°-60°	1399.0	100.0
0°-90°	1399.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1399.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4609	4609	4609	4609	4609	
5°	4513	4512	4503	4497	4494	418
15°	2872	2850	2780	2768	2746	758
25°	296	327	422	440	440	191
35°	18	24	29	31	26	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°	4609.2	4609.2	4609.2	4609.2	4609.2
1°	4606.8	4606.8	4604.4	4604.4	4599.6
2°	4596.0	4597.2	4592.4	4591.1	4587.5
3°	4579.1	4575.5	4575.5	4573.1	4570.7
4°	4552.6	4545.4	4542.9	4544.1	4539.3
5°	4512.8	4511.6	4503.2	4497.2	4493.5
6°	4469.4	4461.0	4442.9	4427.3	4423.6
7°	4404.4	4386.3	4370.6	4338.1	4333.3
8°	4324.8	4295.9	4262.2	4216.4	4214.0
9°	4227.2	4180.2	4133.2	4071.8	4050.1
10°	4088.6	4045.3	3965.7	3911.5	3869.3
11°	3916.3	3862.1	3769.3	3704.2	3669.3
12°	3721.1	3670.5	3562.1	3503.0	3453.6
13°	3470.5	3428.3	3327.1	3262.0	3223.4
14°	3180.1	3148.7	3052.3	3023.4	3010.2
15°	2871.6	2849.9	2780.0	2767.9	2746.3
17.5°	2113.6	2077.5	2037.7	2044.9	2052.2
20°	1295.4	1346.0	1340.0	1366.5	1387.0
22.5°	645.9	711.0	786.9	832.7	855.6
25°	296.4	326.6	421.8	439.8	439.8
27.5°	149.4	156.7	198.8	202.4	212.1
30°	83.1	89.2	95.2	106.0	107.2
32.5°	42.2	49.4	51.8	57.8	55.4
35°	18.1	24.1	28.9	31.3	26.5
37.5°	8.4	10.8	15.7	14.5	10.8
40°	3.6	4.8	7.2	6.0	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)