

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: P1289351

Luminaire Tested: P3A05R35W2N902765DE010 E3PH1MW\_3500K

Issue Date: 1/29/2026

**Test Information**

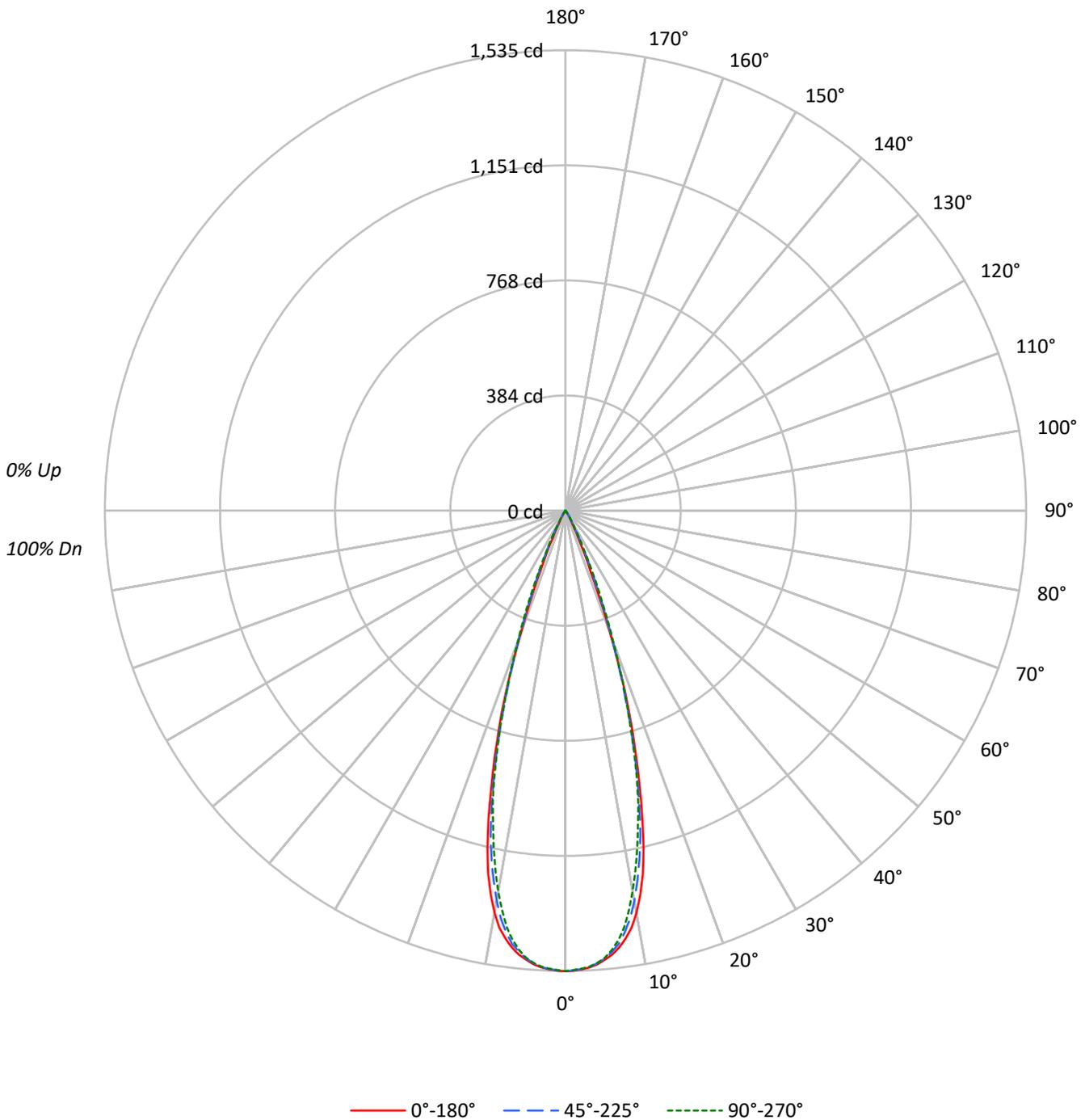
Test Method: LM-79-2019  
Report Number: P1289351  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A05R35W2N902765DE010 E3PH1MW\_3500K  
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,  
E3PH1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 466.0 lumens  
Efficiency: N/A  
Efficacy: 79.0 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): 5.9  
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°	336662	336662	336662
5°	330882	330177	329473
10°	303245	294138	286991
15°	217141	210217	207674
20°	100692	104146	107809
25°	23880	33994	35446
30°	7014	8027	9039
35°	1606	2570	2356
40°	344	687	458
45°	124	124	124
50°	136	0	136
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: 144 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	137.8	29.6
10°-20°	246.4	52.9
20°-30°	74.1	15.9
30°-40°	7.1	1.5
40°-50°	0.5	0.1
50°-60°	0.0	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°	458.4	98.4
0°-40°	465.5	99.9
0°-60°	466.0	100.0
0°-90°	466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	466.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1535	1535	1535	1535	1535	
5°	1503	1503	1500	1498	1497	139
15°	956	949	926	922	915	253
25°	99	109	140	146	146	64
35°	6	8	10	10	9	6
45°	0	0	0	0	0	0
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°	1535.3	1535.3	1535.3	1535.3	1535.3
1°	1534.5	1534.5	1533.7	1533.7	1532.1
2°	1530.9	1531.3	1529.7	1529.3	1528.1
3°	1525.3	1524.1	1524.1	1523.3	1522.5
4°	1516.4	1514.0	1513.2	1513.6	1512.0
5°	1503.2	1502.8	1500.0	1498.0	1496.8
6°	1488.7	1485.9	1479.9	1474.7	1473.5
7°	1467.1	1461.1	1455.8	1445.0	1443.4
8°	1440.6	1430.9	1419.7	1404.5	1403.7
9°	1408.1	1392.4	1376.8	1356.3	1349.1
10°	1361.9	1347.5	1321.0	1302.9	1288.9
11°	1304.5	1286.4	1255.5	1233.9	1222.2
12°	1239.5	1222.6	1186.5	1166.8	1150.4
13°	1156.0	1141.9	1108.2	1086.6	1073.7
14°	1059.3	1048.8	1016.7	1007.1	1002.7
15°	956.5	949.3	926.0	922.0	914.8
17.5°	704.0	692.0	678.7	681.2	683.6
20°	431.5	448.4	446.3	455.2	462.0
22.5°	215.1	236.8	262.1	277.4	285.0
25°	98.7	108.8	140.5	146.5	146.5
27.5°	49.8	52.2	66.2	67.4	70.6
30°	27.7	29.7	31.7	35.3	35.7
32.5°	14.0	16.5	17.3	19.3	18.5
35°	6.0	8.0	9.6	10.4	8.8
37.5°	2.8	3.6	5.2	4.8	3.6
40°	1.2	1.6	2.4	2.0	1.6
42.5°	0.8	0.8	1.2	0.8	0.8
45°	0.4	0.4	0.4	0.4	0.4
47.5°	0.4	0.4	0.0	0.4	0.4
50°	0.4	0.0	0.0	0.0	0.4
52.5°	0.4	0.0	0.0	0.0	0.4
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)