

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: P1286829

Luminaire Tested: P3AS09R359030D2WDE010 E3PH1MW

Issue Date: 1/29/2026

**Test Information**

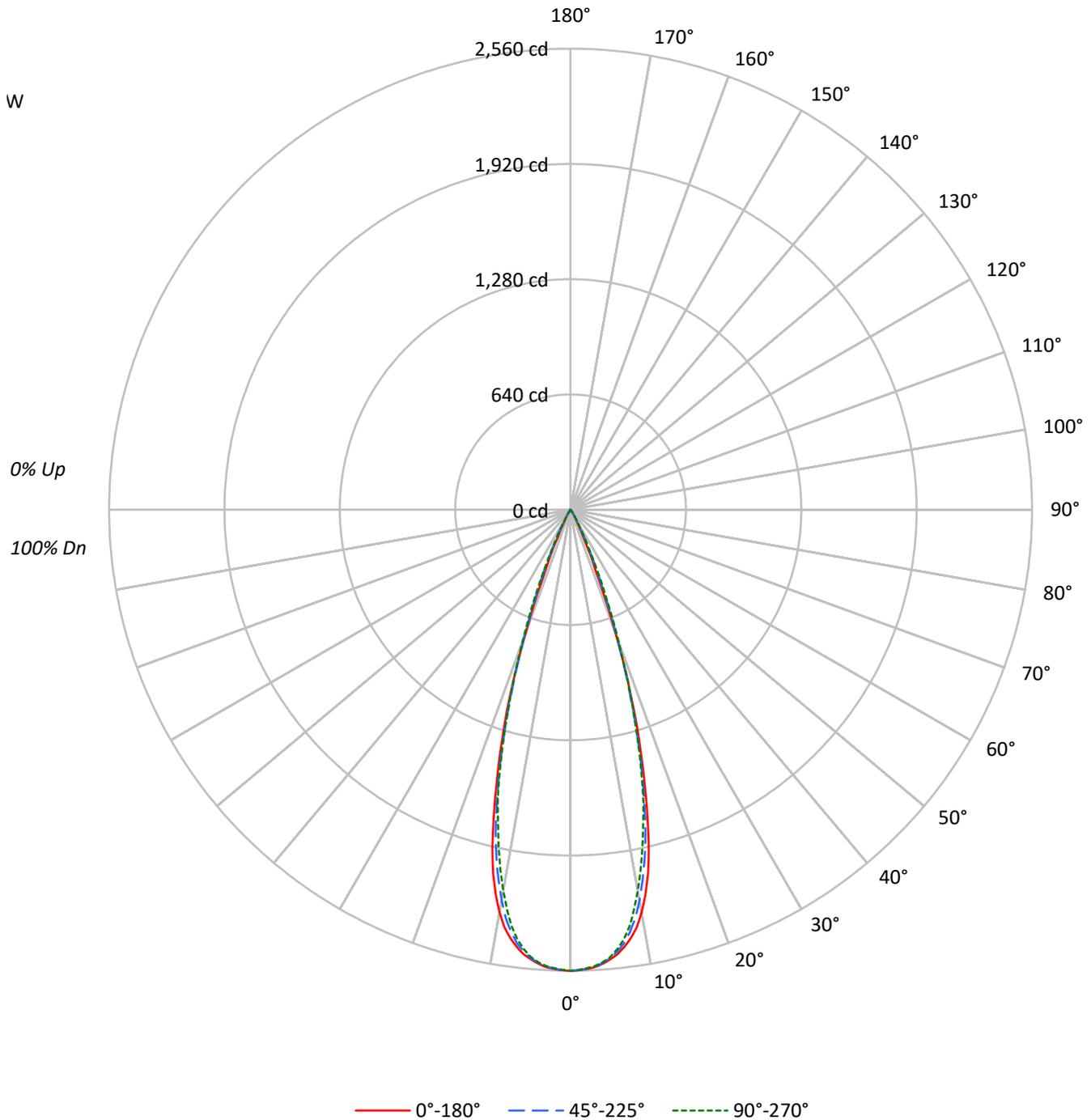
Test Method: LM-79-2019  
Report Number: P1286829  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R359030D2WDE010 E3PH1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3PH1M'  
TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 777.0 lumens  
Efficiency: N/A  
Efficacy: 52.9 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): 14.7  
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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	88	87	86
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71

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

	0°	45°	90°
0°	561337	561337	561337
5°	551704	550538	549349
10°	505624	490438	478504
15°	362068	350513	346268
20°	167898	173662	179752
25°	39825	56665	59108
30°	11698	13394	15091
35°	2677	4310	3935
40°	573	1145	773
45°	217	217	217
50°	239	0	239
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: 252 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	229.8	29.6
10°-20°	410.9	52.9
20°-30°	123.6	15.9
30°-40°	11.8	1.5
40°-50°	0.8	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
<b>0°-30°</b>	<b>764.3</b>	<b>98.4</b>
<b>0°-40°</b>	<b>776.1</b>	<b>99.9</b>
<b>0°-60°</b>	<b>777.0</b>	<b>100.0</b>
<b>0°-90°</b>	<b>777.0</b>	<b>100.0</b>
90°-120°	0.0	0.0
90°-150°	0.0	0.0
<b>90°-180°</b>	<b>0.0</b>	<b>0.0</b>
<b>0°-180°</b>	<b>777.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2560	2560	2560	2560	2560	
5°	2506	2506	2501	2498	2496	232
15°	1595	1583	1544	1537	1525	421
25°	165	181	234	244	244	106
35°	10	13	16	17	15	9
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°	2559.9	2559.9	2559.9	2559.9	2559.9
1°	2558.6	2558.6	2557.3	2557.3	2554.6
2°	2552.6	2553.3	2550.6	2549.9	2547.9
3°	2543.2	2541.2	2541.2	2539.9	2538.5
4°	2528.5	2524.5	2523.1	2523.8	2521.1
5°	2506.4	2505.7	2501.1	2497.7	2495.7
6°	2482.3	2477.6	2467.6	2458.9	2456.9
7°	2446.2	2436.1	2427.4	2409.4	2406.7
8°	2402.0	2385.9	2367.2	2341.8	2340.4
9°	2347.8	2321.7	2295.6	2261.5	2249.4
10°	2270.8	2246.7	2202.6	2172.4	2149.0
11°	2175.1	2145.0	2093.5	2057.3	2037.9
12°	2066.7	2038.6	1978.4	1945.6	1918.1
13°	1927.5	1904.1	1847.8	1811.7	1790.3
14°	1766.2	1748.8	1695.3	1679.2	1671.8
15°	1594.9	1582.8	1544.0	1537.3	1525.3
17.5°	1173.9	1153.8	1131.7	1135.7	1139.8
20°	719.5	747.6	744.2	758.9	770.3
22.5°	358.7	394.9	437.0	462.5	475.2
25°	164.6	181.4	234.2	244.3	244.3
27.5°	83.0	87.0	110.4	112.4	117.8
30°	46.2	49.5	52.9	58.9	59.6
32.5°	23.4	27.4	28.8	32.1	30.8
35°	10.0	13.4	16.1	17.4	14.7
37.5°	4.7	6.0	8.7	8.0	6.0
40°	2.0	2.7	4.0	3.3	2.7
42.5°	1.3	1.3	2.0	1.3	1.3
45°	0.7	0.7	0.7	0.7	0.7
47.5°	0.7	0.7	0.0	0.7	0.7
50°	0.7	0.0	0.0	0.0	0.7
52.5°	0.7	0.0	0.0	0.0	0.7
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)