

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: P1255770

Luminaire Tested: P3A24R359035D010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

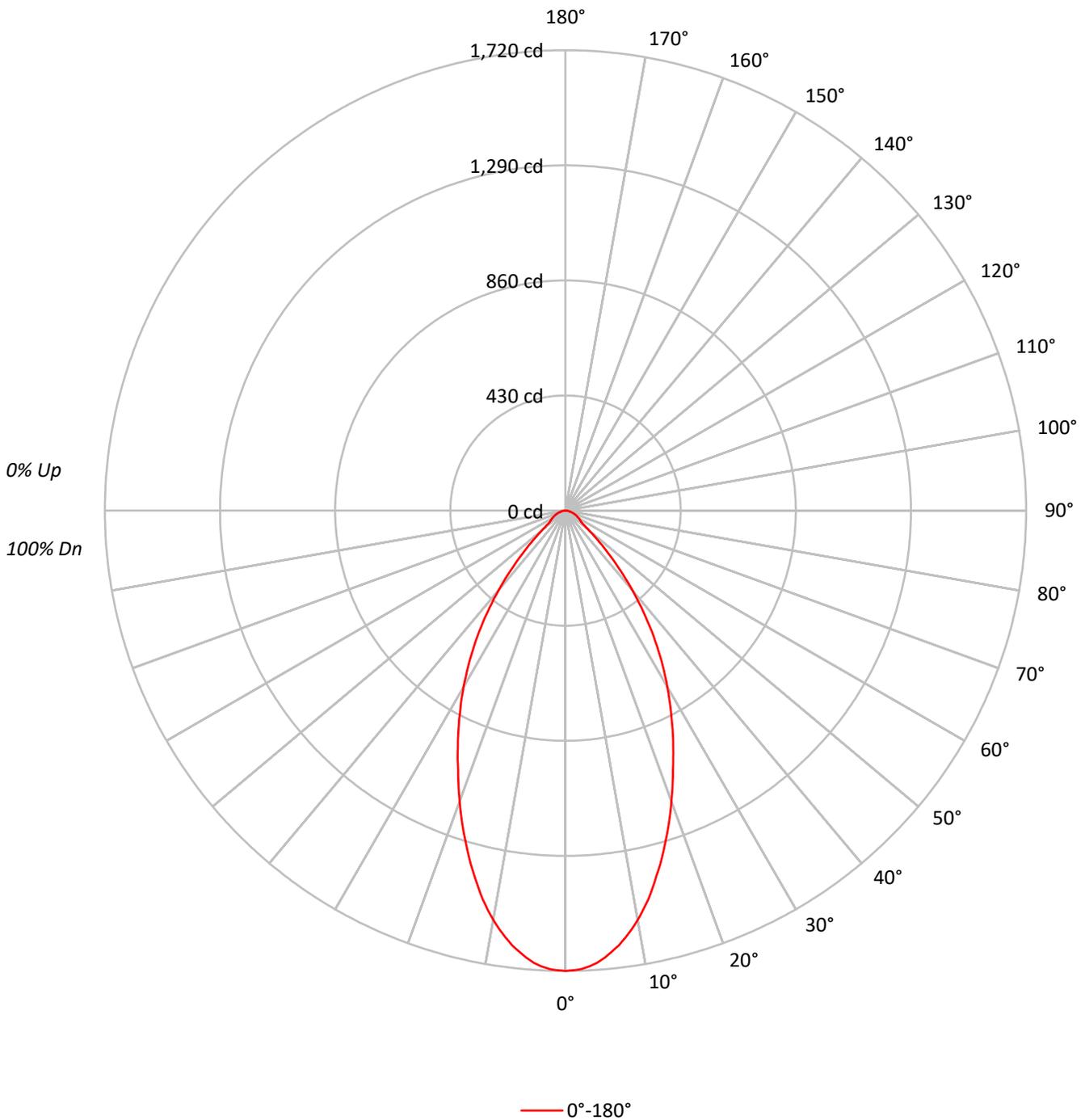
Test Method: LM-79-2019  
Report Number: P1255770  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A24R359035D010 E3DLD1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1651.0 lumens  
Efficiency: N/A  
Efficacy: 57.3 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 28.8  
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

TEST NUMBER: P1255770  
CATALOG NUMBER: P3A24R359035D010 E3DLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1255770  
 CATALOG NUMBER: P3A24R359035D010 E3DLD1MW

**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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

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

	0°
0°	377141
5°	369138
10°	345707
15°	310308
20°	269943
25°	230021
30°	192688
35°	153468
40°	110951
45°	70240
50°	38276
55°	26532
60°	25042
65°	23297
70°	22247
75°	18978
80°	18058
85°	15347

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 70240 cd/sqm



TEST NUMBER: P1255770  
 CATALOG NUMBER: P3A24R359035D010 E3DLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	156.1	9.5
10°-20°	380.4	23.0
20°-30°	435.9	26.4
30°-40°	355.7	21.5
40°-50°	179.4	10.9
50°-60°	66.6	4.0
60°-70°	44.7	2.7
70°-80°	24.8	1.5
80°-90°	7.5	0.5
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°	972.4	58.9
0°-40°	1328.1	80.4
0°-60°	1574.1	95.3
0°-90°	1651.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1651.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1720	
5°	1677	156
15°	1367	380
25°	951	436
35°	573	356
45°	226	179
55°	69	67
65°	45	45
75°	22	25
85°	6	7
90°	0	



TEST NUMBER: P1255770  
CATALOG NUMBER: P3A24R359035D010 E3DLD1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1719.9
1°	1717.8
2°	1713.8
3°	1705.6
4°	1693.4
5°	1677.0
6°	1656.6
7°	1636.2
8°	1609.7
9°	1583.2
10°	1552.6
11°	1519.9
12°	1485.3
13°	1446.5
14°	1405.7
15°	1366.9
17.5°	1262.9
20°	1156.8
22.5°	1048.7
25°	950.7
27.5°	854.8
30°	761.0
32.5°	667.1
35°	573.3
37.5°	479.4
40°	387.6
42.5°	301.9
45°	226.5
47.5°	163.2
50°	112.2
52.5°	81.6
55°	69.4
57.5°	63.2
60°	57.1
62.5°	51.0
65°	44.9
67.5°	38.8
70°	34.7
72.5°	28.6
75°	22.4
77.5°	18.4
80°	14.3
82.5°	10.2
85°	6.1
87.5°	4.1



TEST NUMBER: P1255770  
CATALOG NUMBER: P3A24R359035D010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)