

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: P1245720

Luminaire Tested: P3A02R359024DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1245720  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A02R359024DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 2400K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

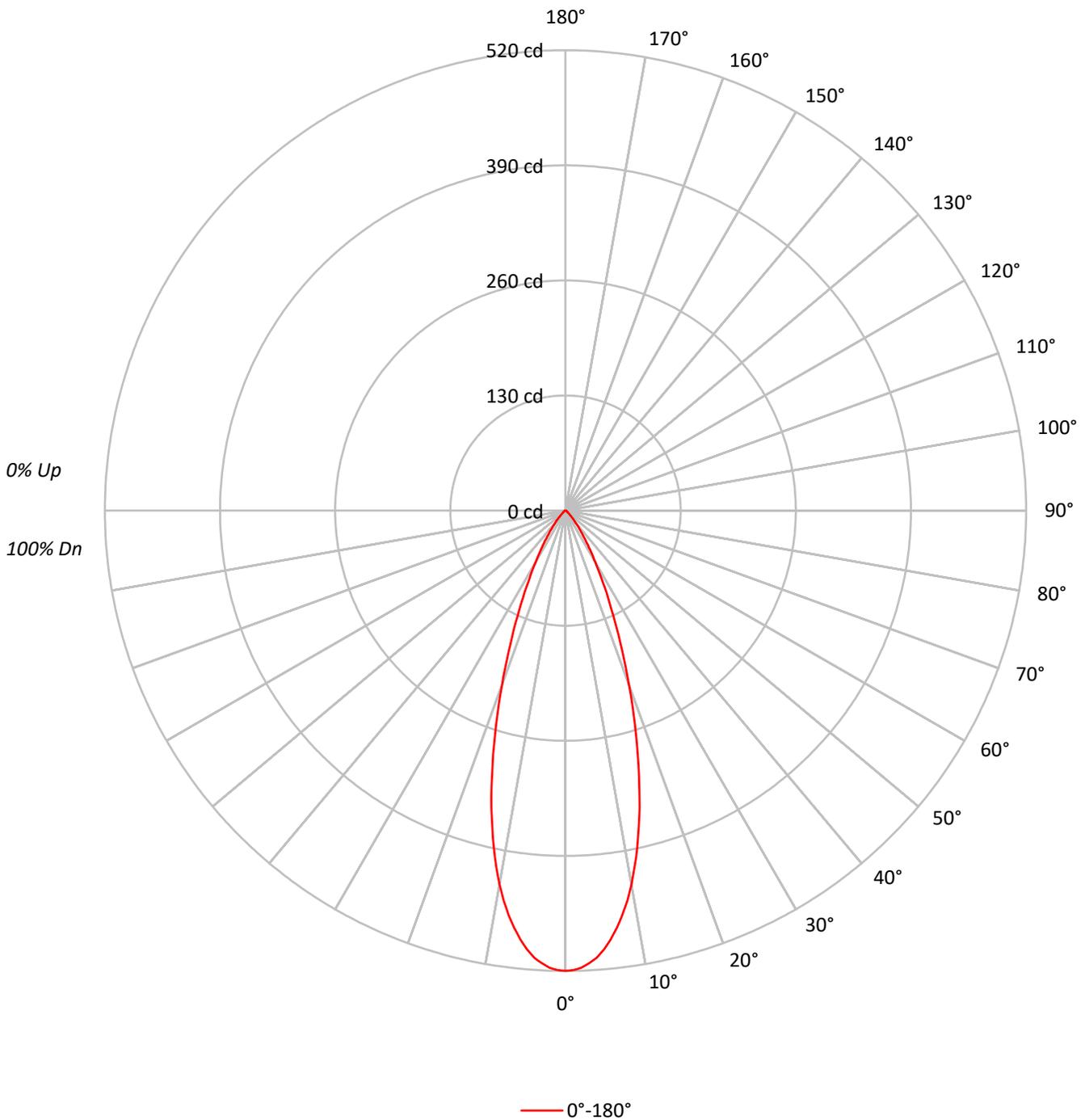
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 226.0 lumens  
Efficiency: N/A  
Efficacy: 62.8 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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: P1245720  
CATALOG NUMBER: P3A02R359024DE010 E3DL1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1245720  
 CATALOG NUMBER: P3A02R359024DE010 E3DL1MW

**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	100	100	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	77	77	77	77
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67	67	67	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

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

	0°
0°	113982
5°	109553
10°	95456
15°	73099
20°	48911
25°	29590
30°	16990
35°	9503
40°	5038
45°	2605
50°	1262
55°	994
60°	921
65°	778
70°	833
75°	763
80°	758
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2605 cd/sqm



TEST NUMBER: P1245720  
 CATALOG NUMBER: P3A02R359024DE010 E3DL1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	45.3	20.0
10°-20°	87.7	38.8
20°-30°	57.4	25.4
30°-40°	23.3	10.3
40°-50°	7.0	3.1
50°-60°	2.4	1.1
60°-70°	1.6	0.7
70°-80°	0.9	0.4
80°-90°	0.3	0.1
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°	190.5	84.3
0°-40°	213.8	94.6
0°-60°	223.2	98.8
0°-90°	226.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	226.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	520	
5°	498	45
15°	322	88
25°	122	57
35°	36	23
45°	8	7
55°	3	2
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1245720  
CATALOG NUMBER: P3A02R359024DE010 E3DL1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	519.8
1°	519.0
2°	516.6
3°	511.9
4°	506.3
5°	497.7
6°	486.9
7°	474.9
8°	461.3
9°	445.9
10°	428.7
11°	409.5
12°	389.5
13°	367.2
14°	345.9
15°	322.0
17.5°	264.2
20°	209.6
22.5°	161.2
25°	122.3
27.5°	91.1
30°	67.1
32.5°	49.2
35°	35.5
37.5°	25.2
40°	17.6
42.5°	12.3
45°	8.4
47.5°	5.6
50°	3.7
52.5°	2.8
55°	2.6
57.5°	2.4
60°	2.1
62.5°	1.9
65°	1.5
67.5°	1.3
70°	1.3
72.5°	1.1
75°	0.9
77.5°	0.6
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2



TEST NUMBER: P1245720  
CATALOG NUMBER: P3A02R359024DE010 E3DL1MW

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)