

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: P1249299

Luminaire Tested: P3AS13R359027DE010 E3PH1MW

Issue Date: 1/29/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1249299  
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: P3AS13R359027DE010 E3PH1MW  
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PH1MW TRIM  
Light Source: -  
Ballast/Driver: -

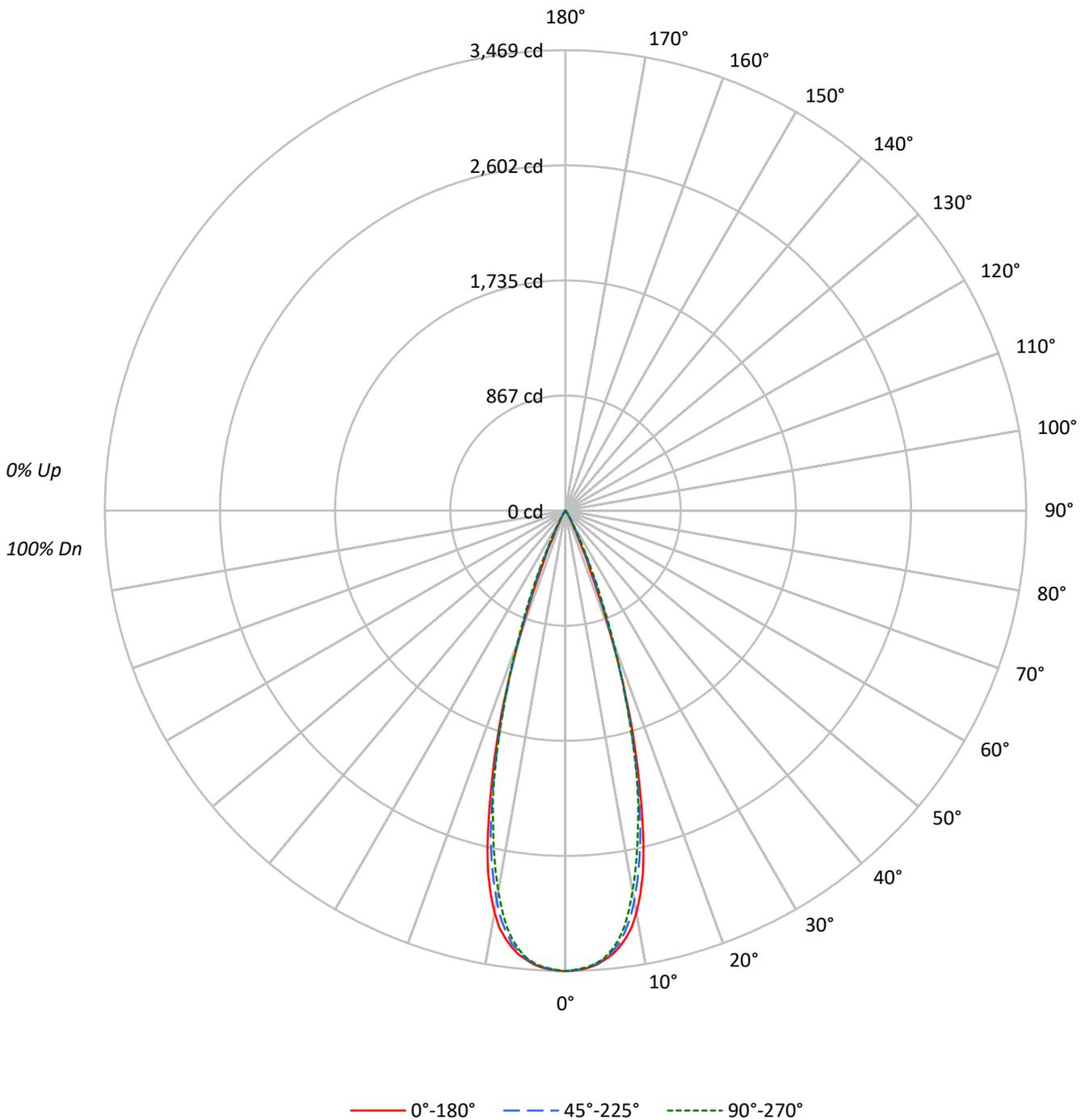
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1053.0 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): 14.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	98	98	98	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	95	95	95	93
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	93	93	92	90
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	93	90	89	87
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	90	88	86	85
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	88	85	83	82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	85	83	81	80
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	83	80	78	77
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	81	78	76	75
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	79	76	74	73

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

	0°	45°	90°
0°	760750	760750	760750
5°	747676	746091	744484
10°	685224	664628	648485
15°	490673	475008	469265
20°	227520	235360	243621
25°	53979	76795	80109
30°	15851	18155	20434
35°	3641	5836	5354
40°	773	1546	1031
45°	279	279	279
50°	307	0	307
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: 324 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	311.5	29.6
10°-20°	556.8	52.9
20°-30°	167.5	15.9
30°-40°	16.0	1.5
40°-50°	1.1	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°	1035.8	98.4
0°-40°	1051.8	99.9
0°-60°	1053.0	100.0
0°-90°	1053.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1053.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3469	3469	3469	3469	3469	
5°	3397	3396	3390	3385	3382	315
15°	2161	2145	2092	2083	2067	571
25°	223	246	317	331	331	144
35°	14	18	22	24	20	13
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°	3469.3	3469.3	3469.3	3469.3	3469.3
1°	3467.5	3467.5	3465.6	3465.6	3462.0
2°	3459.3	3460.2	3456.6	3455.7	3452.9
3°	3446.6	3443.9	3443.9	3442.1	3440.2
4°	3426.6	3421.2	3419.4	3420.3	3416.7
5°	3396.7	3395.8	3389.5	3384.9	3382.2
6°	3364.1	3357.7	3344.1	3332.3	3329.6
7°	3315.1	3301.5	3289.7	3265.2	3261.6
8°	3255.2	3233.5	3208.1	3173.6	3171.8
9°	3181.8	3146.4	3111.0	3064.7	3048.4
10°	3077.4	3044.8	2984.9	2944.1	2912.4
11°	2947.7	2906.9	2837.1	2788.1	2761.8
12°	2800.8	2762.7	2681.1	2636.6	2599.5
13°	2612.2	2580.4	2504.2	2455.2	2426.2
14°	2393.6	2370.0	2297.4	2275.7	2265.7
15°	2161.4	2145.1	2092.4	2083.4	2067.1
17.5°	1590.9	1563.7	1533.7	1539.2	1544.6
20°	975.0	1013.1	1008.6	1028.5	1044.0
22.5°	486.2	535.1	592.3	626.7	644.0
25°	223.1	245.8	317.4	331.1	331.1
27.5°	112.5	117.9	149.7	152.4	159.6
30°	62.6	67.1	71.7	79.8	80.7
32.5°	31.7	37.2	39.0	43.5	41.7
35°	13.6	18.1	21.8	23.6	20.0
37.5°	6.3	8.2	11.8	10.9	8.2
40°	2.7	3.6	5.4	4.5	3.6
42.5°	1.8	1.8	2.7	1.8	1.8
45°	0.9	0.9	0.9	0.9	0.9
47.5°	0.9	0.9	0.0	0.9	0.9
50°	0.9	0.0	0.0	0.0	0.9
52.5°	0.9	0.0	0.0	0.0	0.9
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)