

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: P1257437

Luminaire Tested: P3AS13R409040DE010 E3DL1MW

Issue Date: 1/30/2026

**Test Information**

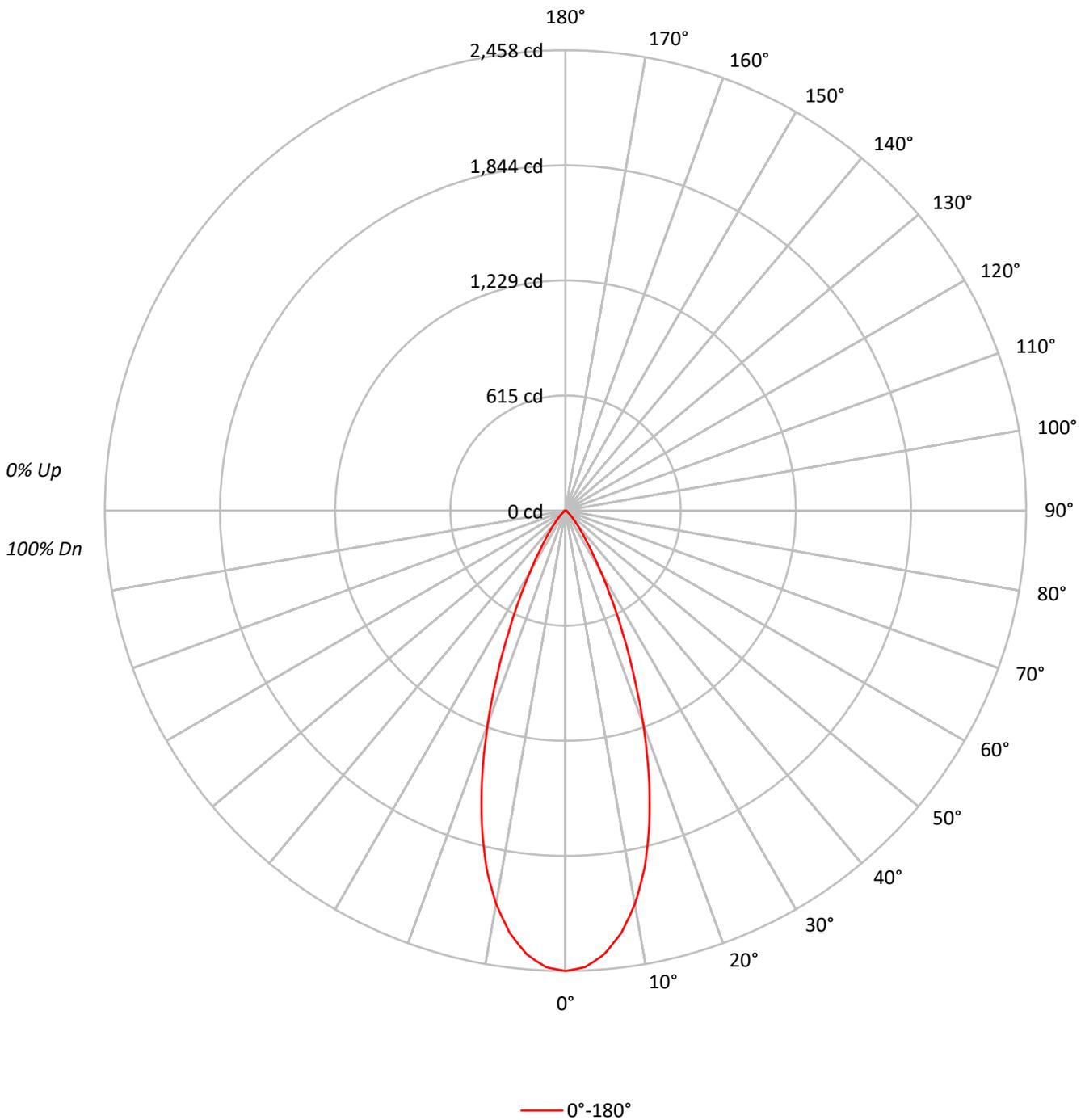
Test Method: LM-79-2019  
Report Number: P1257437  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R409040DE010 E3DL1MW  
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1218.0 lumens  
Efficiency: N/A  
Efficacy: 83.4 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
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

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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	100	100	100	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94	94	94	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89	89	89	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84	84	84	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80	80	80	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76	76	76	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72	72	72	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65	65	65	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63	63	63	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60	60	60	60

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

	0°
0°	538948
5°	523287
10°	474874
15°	392306
20°	282988
25°	175026
30°	94774
35°	48988
40°	26621
45°	14916
50°	7505
55°	5582
60°	5043
65°	4877
70°	4680
75°	4406
80°	3915
85°	2516

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14916 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	219.1	18.0
10°-20°	470.6	38.6
20°-30°	335.8	27.6
30°-40°	123.6	10.1
40°-50°	38.9	3.2
50°-60°	13.5	1.1
60°-70°	9.3	0.8
70°-80°	5.5	0.5
80°-90°	1.5	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°	1025.5	84.2
0°-40°	1149.1	94.3
0°-60°	1201.6	98.7
0°-90°	1218.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1218.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2458	
5°	2377	219
15°	1728	471
25°	723	336
35°	183	124
45°	48	39
55°	15	14
65°	9	9
75°	5	6
85°	1	2
90°	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	2457.8
2.5°	2439.0
5°	2377.3
7.5°	2274.9
10°	2132.7
12.5°	1951.8
15°	1728.1
17.5°	1477.2
20°	1212.7
22.5°	952.4
25°	723.4
27.5°	531.1
30°	374.3
32.5°	262.4
35°	183.0
37.5°	129.6
40°	93.0
42.5°	66.9
45°	48.1
47.5°	32.4
50°	22.0
52.5°	15.7
55°	14.6
57.5°	13.6
60°	11.5
62.5°	10.5
65°	9.4
67.5°	8.4
70°	7.3
72.5°	6.3
75°	5.2
77.5°	4.2
80°	3.1
82.5°	2.1
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)