

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: P1249174

Luminaire Tested: P3AS13R159027DE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1249174  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R159027DE010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

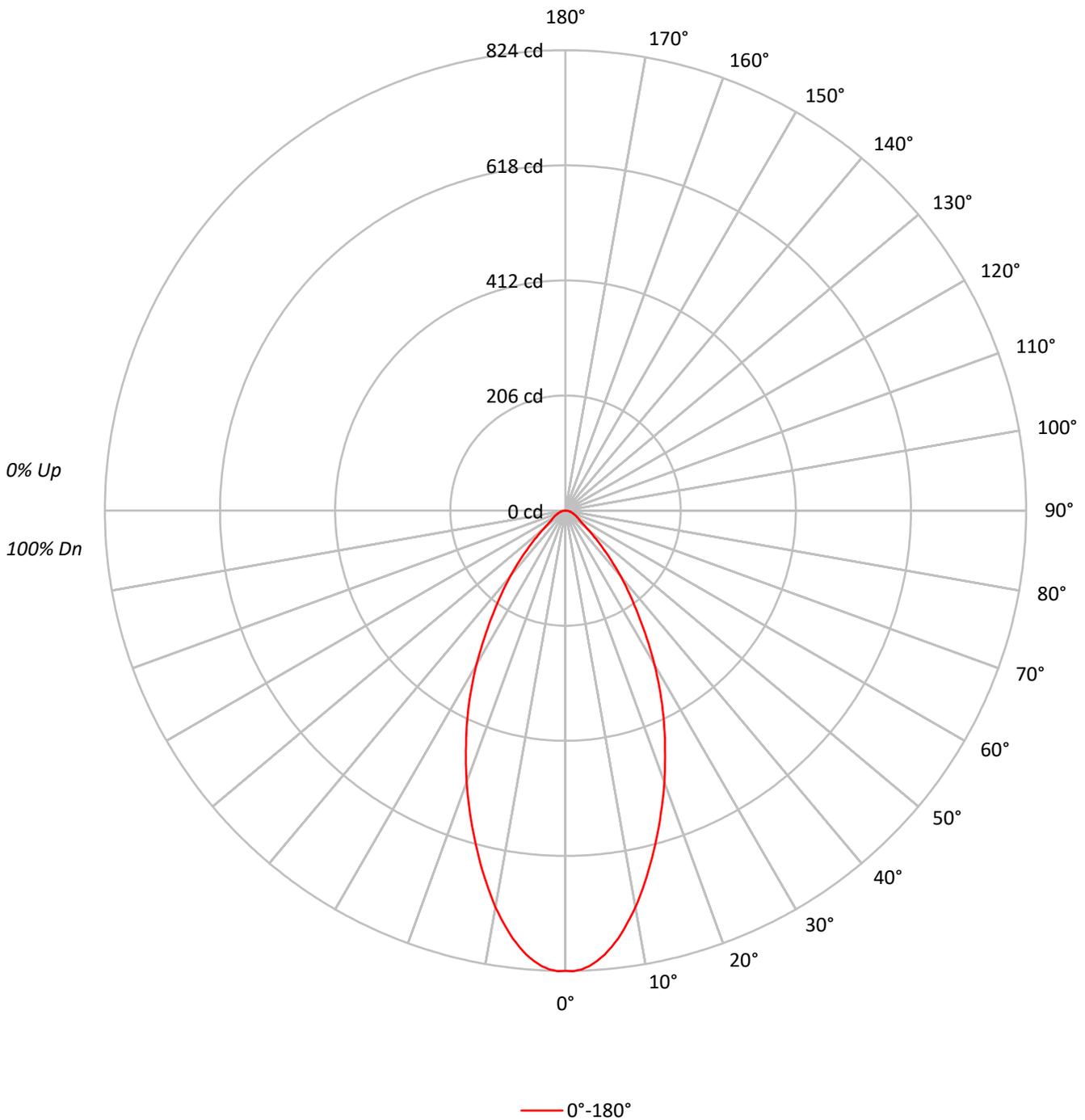
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 715.9 lumens  
Efficiency: N/A  
Efficacy: 49.0 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82  
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				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
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91				91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83				83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76				76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70				70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65				65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60				60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56				56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46				46

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

	0°
0°	180600
5°	175698
10°	160563
15°	140636
20°	120644
25°	100724
30°	80620
35°	60472
40°	43882
45°	28685
50°	17944
55°	12119
60°	10745
65°	9858
70°	9296
75°	8472
80°	7956
85°	6793

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 28685 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	73.7	10.3
10°-20°	172.6	24.1
20°-30°	190.2	26.6
30°-40°	142.4	19.9
40°-50°	73.8	10.3
50°-60°	30.6	4.3
60°-70°	18.9	2.6
70°-80°	10.7	1.5
80°-90°	3.1	0.4
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°	436.5	61.0
0°-40°	578.9	80.9
0°-60°	683.3	95.4
0°-90°	715.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	715.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	824	
5°	798	74
15°	620	173
25°	416	190
35°	226	142
45°	92	74
55°	32	31
65°	19	19
75°	10	11
85°	3	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	823.6
1°	824.5
2°	821.8
3°	816.4
4°	808.2
5°	798.2
6°	785.5
7°	771.9
8°	755.6
9°	738.3
10°	721.1
12.5°	671.2
15°	619.5
17.5°	567.8
20°	517.0
22.5°	465.3
25°	416.3
27.5°	367.4
30°	318.4
32.5°	270.3
35°	225.9
37.5°	187.8
40°	153.3
42.5°	121.5
45°	92.5
47.5°	69.8
50°	52.6
52.5°	39.0
55°	31.7
57.5°	28.1
60°	24.5
62.5°	21.8
65°	19.0
67.5°	16.3
70°	14.5
72.5°	11.8
75°	10.0
77.5°	8.2
80°	6.3
82.5°	4.5
85°	2.7
87.5°	0.9
90°	0.0

(END OF REPORT)