

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: P1252599

Luminaire Tested: P3AS20R159030D010 E3DLD1LI

Issue Date: 1/30/2026

**Test Information**

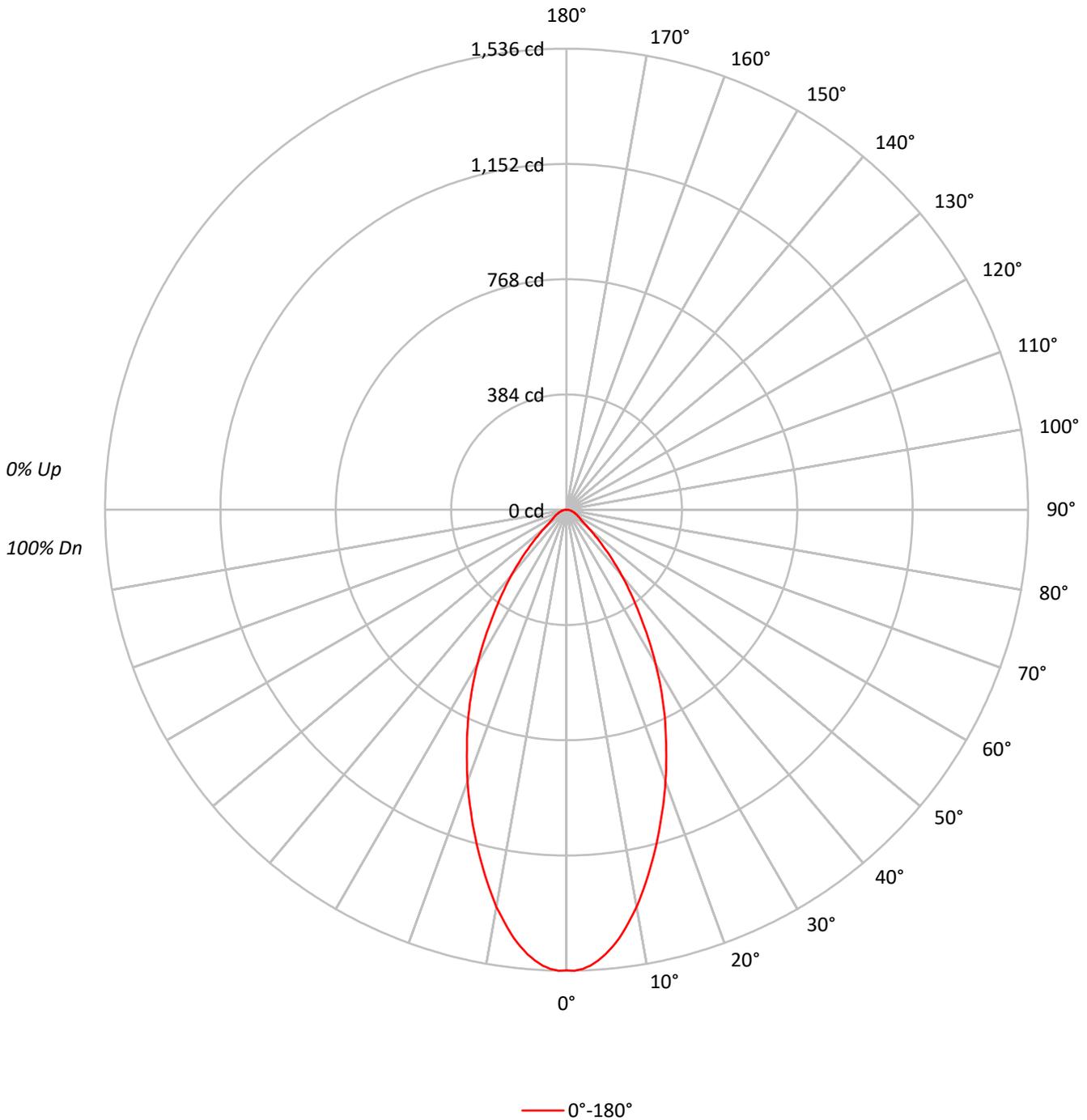
Test Method: LM-79-2019  
Report Number: P1252599  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS20R159030D010 E3DLD1LI  
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1334.0 lumens  
Efficiency: N/A  
Efficacy: 46.3 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): 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

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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	106	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°	336486
5°	327360
10°	299148
15°	262022
20°	224790
25°	187680
30°	150200
35°	112645
40°	81753
45°	53463
50°	33432
55°	22594
60°	19998
65°	18420
70°	17311
75°	15759
80°	14901
85°	12831

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 53463 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	137.2	10.3
10°-20°	321.6	24.1
20°-30°	354.4	26.6
30°-40°	265.4	19.9
40°-50°	137.5	10.3
50°-60°	57.0	4.3
60°-70°	35.3	2.6
70°-80°	19.8	1.5
80°-90°	5.7	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°	813.2	61.0
0°-40°	1078.5	80.9
0°-60°	1273.1	95.4
0°-90°	1334.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1334.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1534	
5°	1487	137
15°	1154	322
25°	776	354
35°	421	265
45°	172	138
55°	59	57
65°	36	35
75°	19	20
85°	5	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1534.5
1°	1536.2
2°	1531.1
3°	1521.0
4°	1505.8
5°	1487.2
6°	1463.5
7°	1438.2
8°	1407.7
9°	1375.6
10°	1343.5
12.5°	1250.6
15°	1154.2
17.5°	1057.9
20°	963.3
22.5°	867.0
25°	775.7
27.5°	684.4
30°	593.2
32.5°	503.6
35°	420.8
37.5°	349.8
40°	285.6
42.5°	226.5
45°	172.4
47.5°	130.1
50°	98.0
52.5°	72.7
55°	59.1
57.5°	52.4
60°	45.6
62.5°	40.6
65°	35.5
67.5°	30.4
70°	27.0
72.5°	22.0
75°	18.6
77.5°	15.2
80°	11.8
82.5°	8.4
85°	5.1
87.5°	1.7
90°	0.0

(END OF REPORT)