

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: P1248386

Luminaire Tested: P3AS05R159027DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

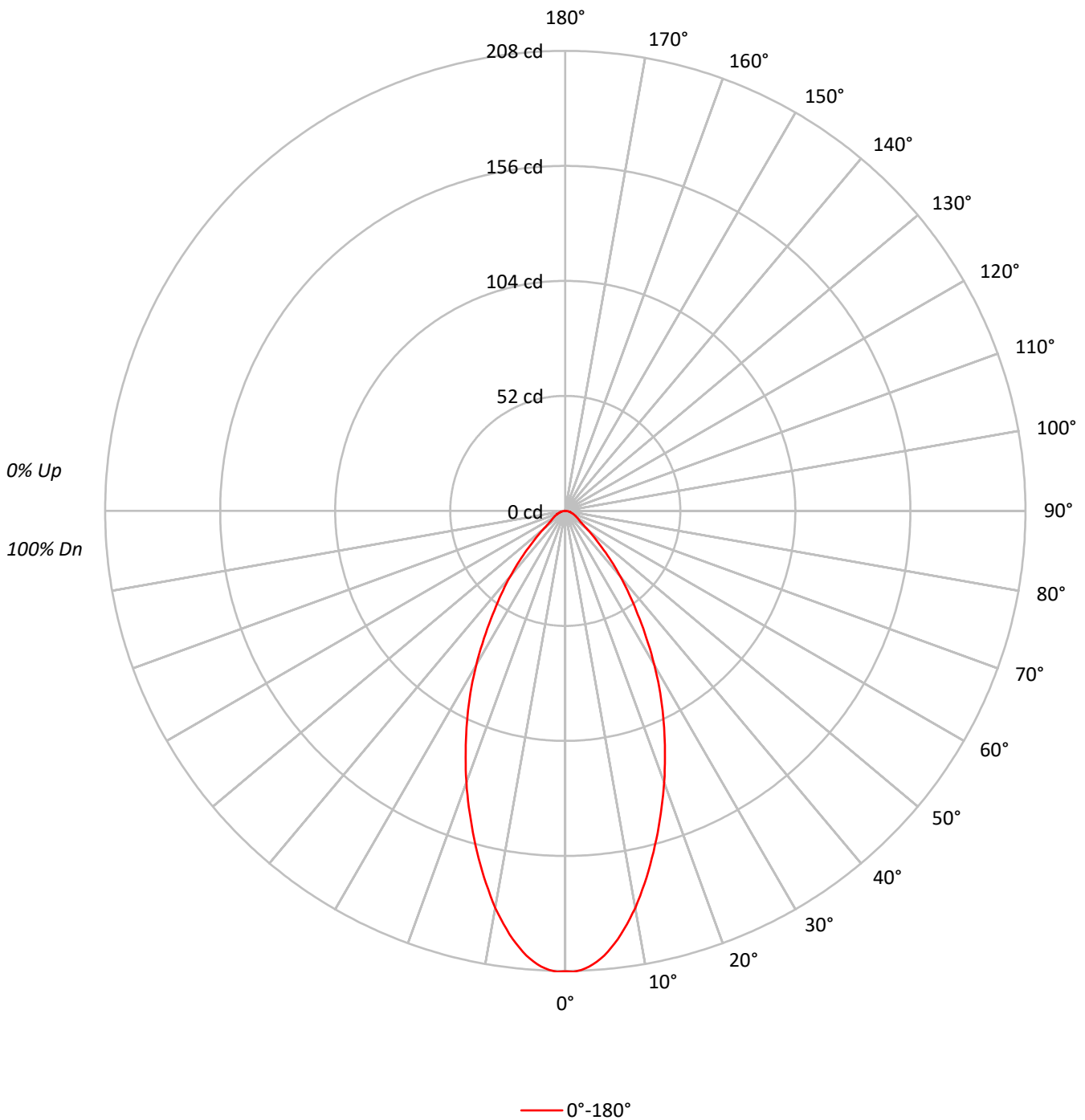
Test Method: LM-79-2019  
Report Number: P1248386  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R159027DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 181.0 lumens  
Efficiency: N/A  
Efficacy: 25.1 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): 7.2  
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	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	92				92
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°	45654
5°	44420
10°	40592
15°	35551
20°	30499
25°	25453
30°	20383
35°	15285
40°	11107
45°	7257
50°	4537
55°	3058
60°	2719
65°	2491
70°	2372
75°	2118
80°	2020
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7257 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	18.6	10.3
10°-20°	43.6	24.1
20°-30°	48.1	26.6
30°-40°	36.0	19.9
40°-50°	18.7	10.3
50°-60°	7.7	4.3
60°-70°	4.8	2.6
70°-80°	2.7	1.5
80°-90°	0.8	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°	110.3	61.0
0°-40°	146.3	80.9
0°-60°	172.8	95.4
0°-90°	181.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	181.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	208	
5°	202	19
15°	157	44
25°	105	48
35°	57	36
45°	23	19
55°	8	8
65°	5	5
75°	2	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	208.2
1°	208.4
2°	207.7
3°	206.4
4°	204.3
5°	201.8
6°	198.6
7°	195.1
8°	191.0
9°	186.6
10°	182.3
12.5°	169.7
15°	156.6
17.5°	143.5
20°	130.7
22.5°	117.6
25°	105.2
27.5°	92.9
30°	80.5
32.5°	68.3
35°	57.1
37.5°	47.5
40°	38.8
42.5°	30.7
45°	23.4
47.5°	17.7
50°	13.3
52.5°	9.9
55°	8.0
57.5°	7.1
60°	6.2
62.5°	5.5
65°	4.8
67.5°	4.1
70°	3.7
72.5°	3.0
75°	2.5
77.5°	2.1
80°	1.6
82.5°	1.1
85°	0.7
87.5°	0.2
90°	0.0

(END OF REPORT)