

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: P1266570

Luminaire Tested: P3AS05R159735DE010 E3DLD1WH

Issue Date: 1/30/2026

**Test Information**

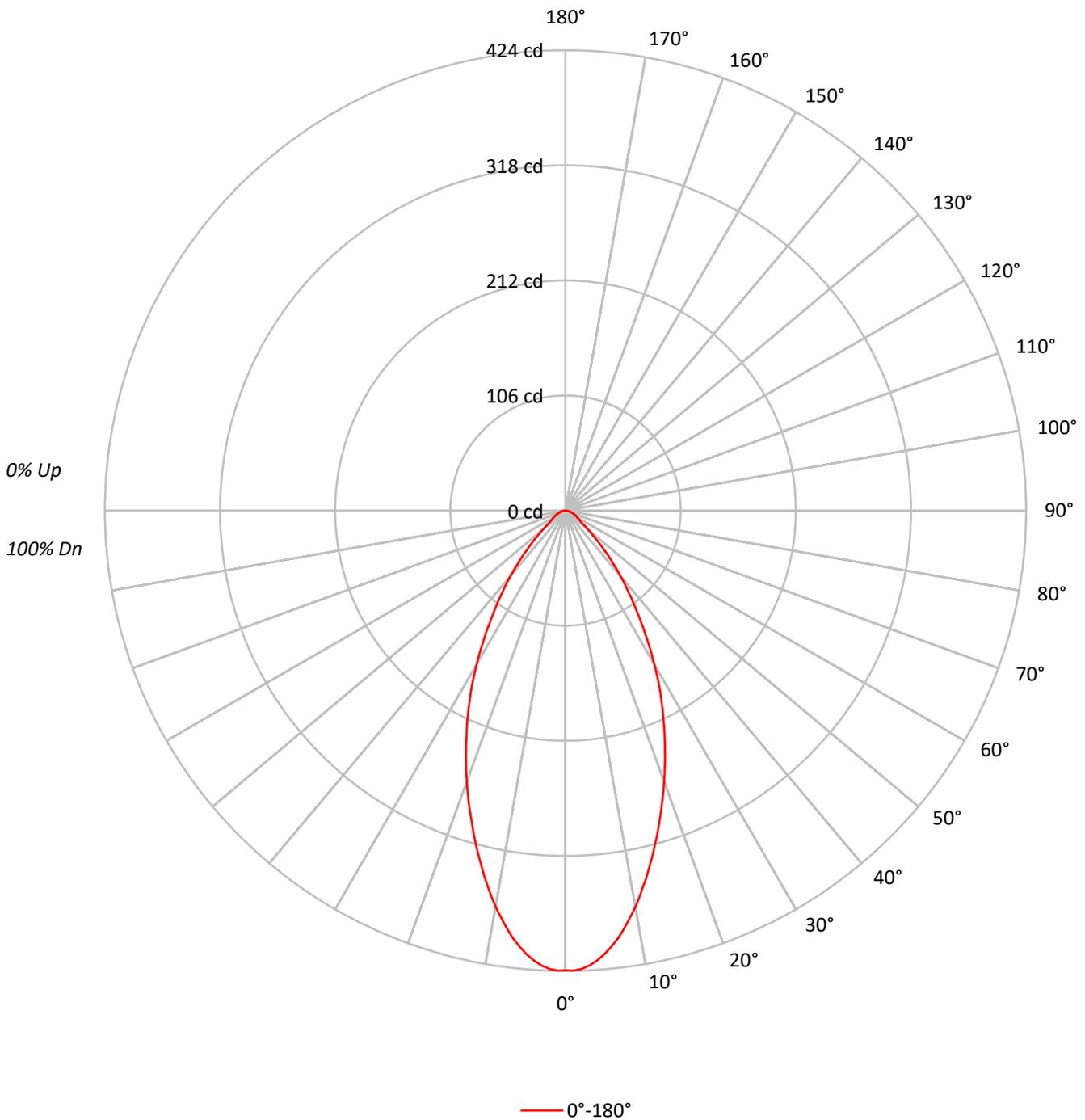
Test Method: LM-79-2019  
Report Number: P1266570  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R159735DE010 E3DLD1WH  
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DLD1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 368.0 lumens  
Efficiency: N/A  
Efficacy: 51.1 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				
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	70	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°	92822
5°	90315
10°	82519
15°	72282
20°	62002
25°	51777
30°	41424
35°	31079
40°	22557
45°	14761
50°	9211
55°	6232
60°	5526
65°	5085
70°	4809
75°	4321
80°	4167
85°	3522

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 14761 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	37.9	10.3
10°-20°	88.7	24.1
20°-30°	97.8	26.6
30°-40°	73.2	19.9
40°-50°	38.0	10.3
50°-60°	15.7	4.3
60°-70°	9.8	2.7
70°-80°	5.5	1.5
80°-90°	1.6	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°	224.3	61.0
0°-40°	297.5	80.8
0°-60°	351.2	95.4
0°-90°	368.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	368.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	423	
5°	410	38
15°	318	89
25°	214	98
35°	116	73
45°	48	38
55°	16	16
65°	10	10
75°	5	5
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	423.3
1°	423.8
2°	422.4
3°	419.6
4°	415.4
5°	410.3
6°	403.7
7°	396.7
8°	388.3
9°	379.5
10°	370.6
12.5°	345.0
15°	318.4
17.5°	291.8
20°	265.7
22.5°	239.2
25°	214.0
27.5°	188.8
30°	163.6
32.5°	138.9
35°	116.1
37.5°	96.5
40°	78.8
42.5°	62.5
45°	47.6
47.5°	35.9
50°	27.0
52.5°	20.0
55°	16.3
57.5°	14.5
60°	12.6
62.5°	11.2
65°	9.8
67.5°	8.4
70°	7.5
72.5°	6.1
75°	5.1
77.5°	4.2
80°	3.3
82.5°	2.3
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)