

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: P1282081

Luminaire Tested: P3AS05R55B2750DE010 E3DLD1LI\_5000K

Issue Date: 1/30/2026

**Test Information**

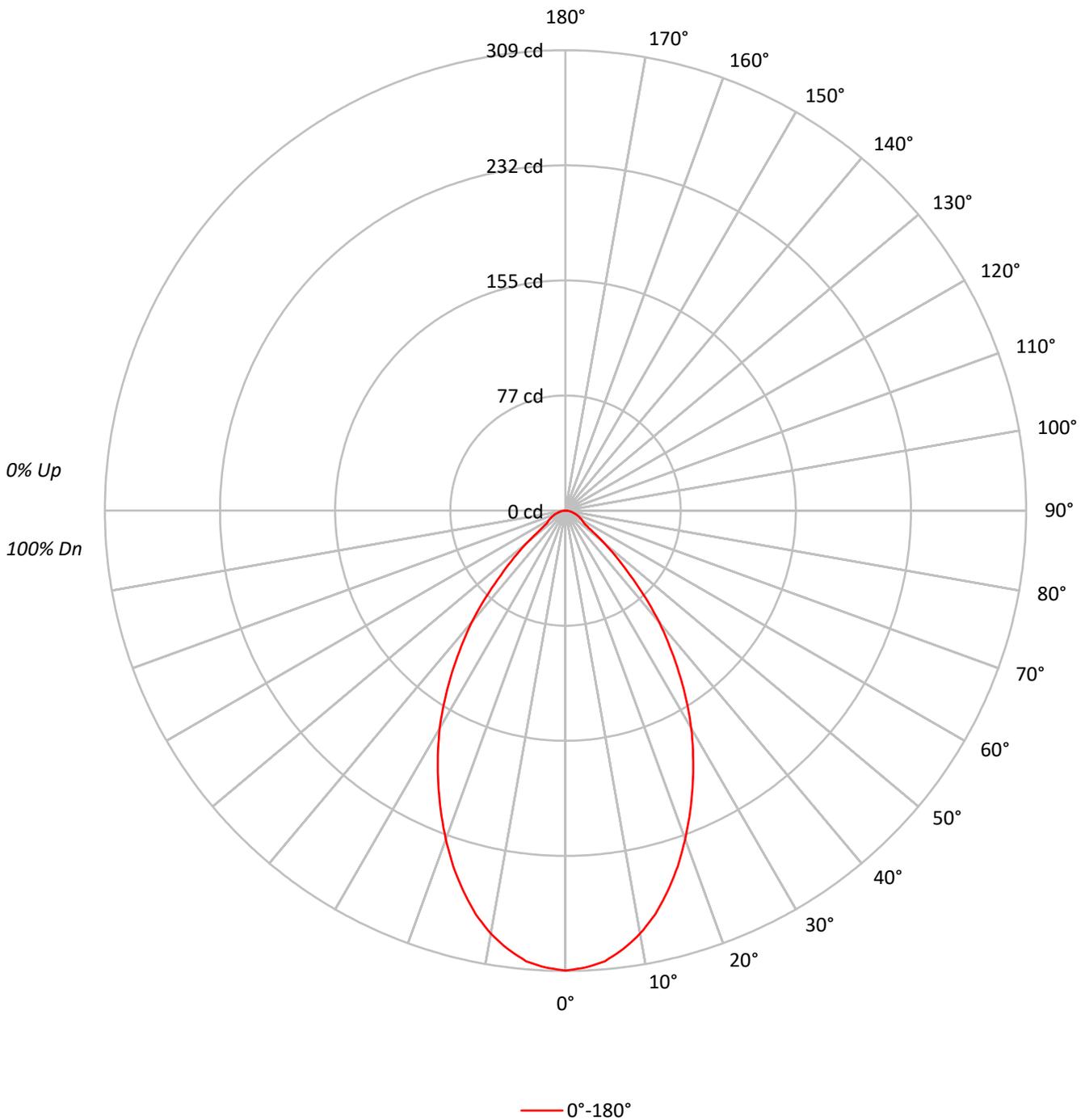
Test Method: LM-79-2019  
Report Number: P1282081  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R55B2750DE010 E3DLD1LI\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 5000K CCT AND, 80CRI , E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 360.0 lumens  
Efficiency: N/A  
Efficacy: 61.0 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 5.9  
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52
8	73	62	55	51	72	62	55	51	60	54	50	59	54	50	58	53	50	48
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42

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

	0°
0°	67692
5°	66828
10°	64194
15°	60046
20°	54768
25°	48874
30°	42741
35°	35523
40°	27995
45°	18979
50°	11599
55°	6002
60°	5614
65°	5292
70°	4937
75°	4321
80°	4293
85°	3271

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 18979 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.5	7.9
10°-20°	73.9	20.5
20°-30°	92.6	25.7
30°-40°	82.6	23.0
40°-50°	48.4	13.4
50°-60°	16.7	4.6
60°-70°	10.1	2.8
70°-80°	5.6	1.6
80°-90°	1.6	0.5
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°	195.0	54.1
0°-40°	277.6	77.1
0°-60°	342.7	95.2
0°-90°	360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	360.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	309	
5°	304	28
15°	264	74
25°	202	93
35°	133	83
45°	61	48
55°	16	17
65°	10	10
75°	5	6
85°	1	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	308.7
2.5°	307.0
5°	303.6
7.5°	296.8
10°	288.3
12.5°	277.6
15°	264.5
17.5°	250.4
20°	234.7
22.5°	218.5
25°	202.0
27.5°	185.4
30°	168.8
32.5°	150.9
35°	132.7
37.5°	114.8
40°	97.8
42.5°	79.5
45°	61.2
47.5°	46.8
50°	34.0
52.5°	22.1
55°	15.7
57.5°	14.0
60°	12.8
62.5°	11.5
65°	10.2
67.5°	8.9
70°	7.7
72.5°	6.4
75°	5.1
77.5°	4.3
80°	3.4
82.5°	2.1
85°	1.3
87.5°	0.9
90°	0.0

(END OF REPORT)