

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: P1282173

Luminaire Tested: P3AS05R60B2750DE010 E3D1WH\_3000K

Issue Date: 1/29/2026

**Test Information**

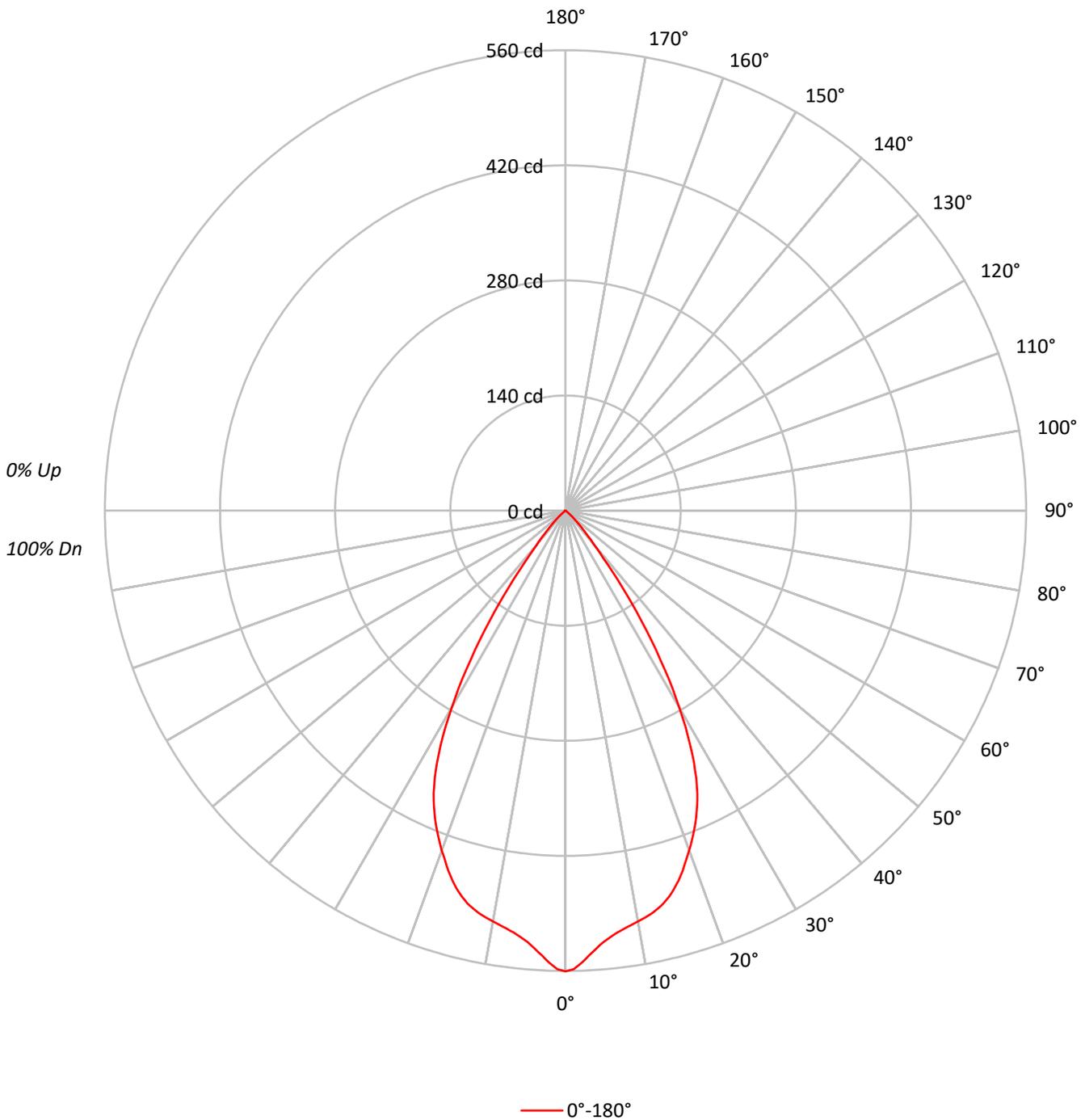
Test Method: LM-79-2019  
Report Number: P1282173  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R60B2750DE010 E3D1WH\_3000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3D1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 469.0 lumens  
Efficiency: N/A  
Efficacy: 79.5 lumens/watt  
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88  
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	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	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94			94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88			88
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82			82
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77			77
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72			72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69	67			67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63			63
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59			59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56			56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53			53

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

	0°
0°	122885
5°	116002
10°	112979
15°	110398
20°	102652
25°	91771
30°	70087
35°	40475
40°	15715
45°	6543
50°	1433
55°	229
60°	175
65°	104
70°	128
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6543 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	49.7	10.6
10°-20°	135.5	28.9
20°-30°	169.7	36.2
30°-40°	94.9	20.2
40°-50°	18.0	3.8
50°-60°	0.9	0.2
60°-70°	0.2	0.0
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	354.9	75.7
0°-40°	449.8	95.9
0°-60°	468.7	99.9
0°-90°	469.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	469.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	560	
5°	527	50
15°	486	135
25°	379	170
35°	151	95
45°	21	18
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	560.4
1°	558.1
2°	550.8
3°	542.2
4°	534.1
5°	527.0
6°	521.6
7°	517.0
8°	513.6
9°	510.3
10°	507.4
11°	504.6
12°	501.3
13°	497.3
14°	492.5
15°	486.3
16°	478.9
17°	470.4
18°	460.8
19°	449.9
20°	439.9
21°	429.2
22°	418.0
23°	406.3
24°	393.5
25°	379.3
26°	362.6
27°	344.0
28°	323.1
29°	300.8
30°	276.8
31°	252.7
32°	227.7
32.5°	214.1
33°	201.8
34°	176.3
35°	151.2
36°	128.5
37°	104.6
37.5°	93.6
38°	82.9
39°	66.8
40°	54.9
42.5°	33.4
45°	21.1



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	11.7
50°	4.2
52.5°	1.0
55°	0.6
57.5°	0.4
60°	0.4
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)