

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: P1281326

Luminaire Tested: P3AS05R30B2750DE010 E3DL1GPH\_5000K

Issue Date: 1/30/2026

**Test Information**

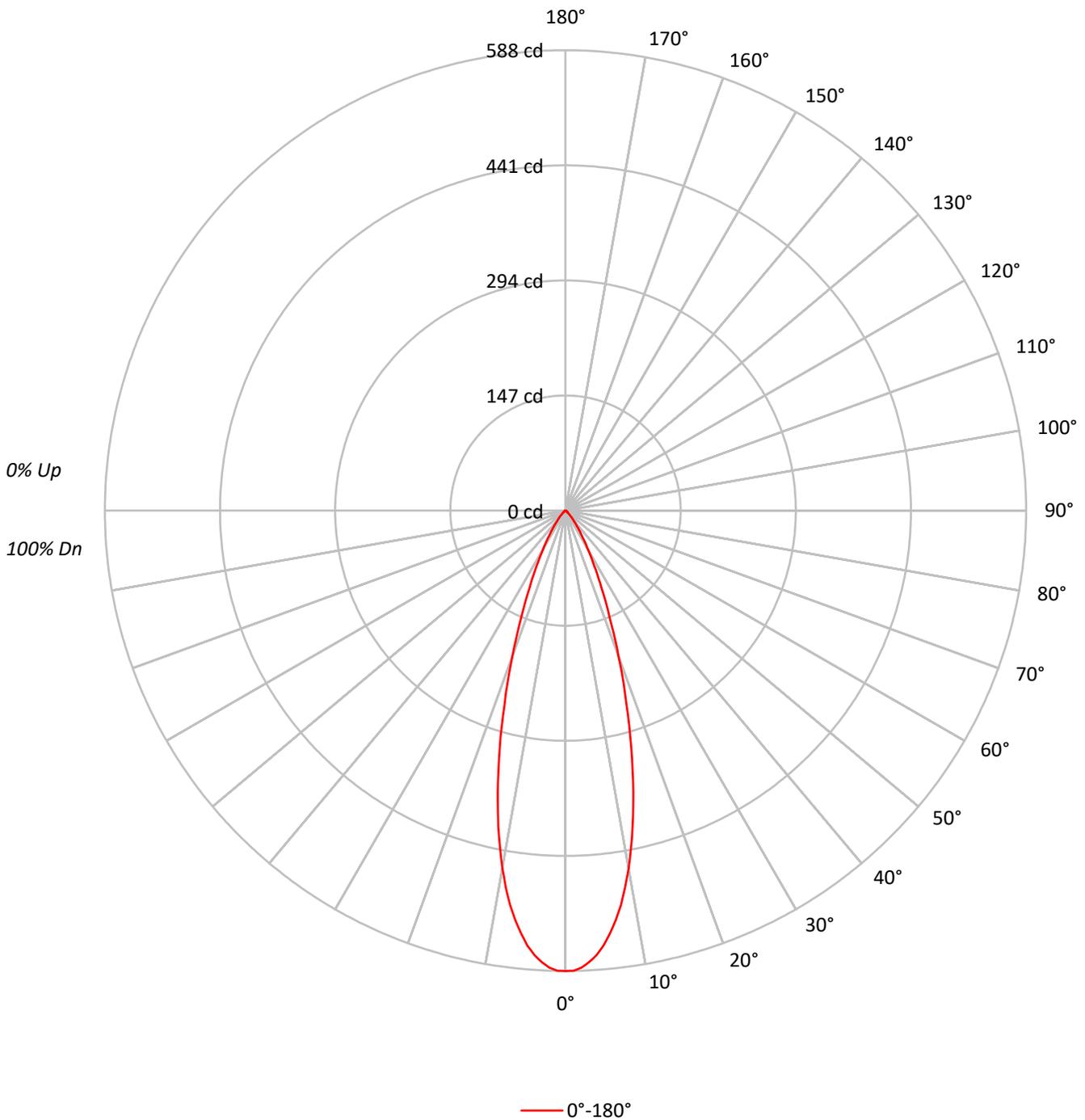
Test Method: LM-79-2019  
Report Number: P1281326  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R30B2750DE010 E3DL1GPH\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 221.0 lumens  
Efficiency: N/A  
Efficacy: 37.5 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	86
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	82
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	85	82	79	78
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	81	78	76	75
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	79	75	73	71
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	76	72	70	69
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	73	70	67	66
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	71	67	65	63
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

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

	0°
0°	128959
5°	122738
10°	103249
15°	74461
20°	46181
25°	26276
30°	14585
35°	7924
40°	4179
45°	2264
50°	1194
55°	803
60°	746
65°	778
70°	641
75°	508
80°	505
85°	503

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2264 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	50.2	22.7
10°-20°	89.3	40.4
20°-30°	51.6	23.3
30°-40°	19.6	8.9
40°-50°	6.0	2.7
50°-60°	2.0	0.9
60°-70°	1.4	0.6
70°-80°	0.7	0.3
80°-90°	0.2	0.1
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°	191.1	86.5
0°-40°	210.6	95.3
0°-60°	218.6	98.9
0°-90°	221.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	221.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	588	
5°	558	50
15°	328	89
25°	109	52
35°	30	20
45°	7	6
55°	2	2
65°	2	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	588.1
1°	587.7
2°	584.1
3°	577.5
4°	569.1
5°	557.6
6°	543.0
7°	526.7
8°	508.6
9°	486.9
10°	463.7
11°	438.6
12°	412.1
13°	384.3
14°	356.2
15°	328.0
17.5°	258.7
20°	197.9
22.5°	146.8
25°	108.6
27.5°	78.9
30°	57.6
32.5°	41.5
35°	29.6
37.5°	20.7
40°	14.6
42.5°	10.2
45°	7.3
47.5°	5.0
50°	3.5
52.5°	2.5
55°	2.1
57.5°	1.9
60°	1.7
62.5°	1.5
65°	1.5
67.5°	1.3
70°	1.0
72.5°	0.8
75°	0.6
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)