

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: P1281656

Luminaire Tested: P3AS05R40B2750DE010 E3DLD1GPH\_5000K

Issue Date: 1/30/2026

**Test Information**

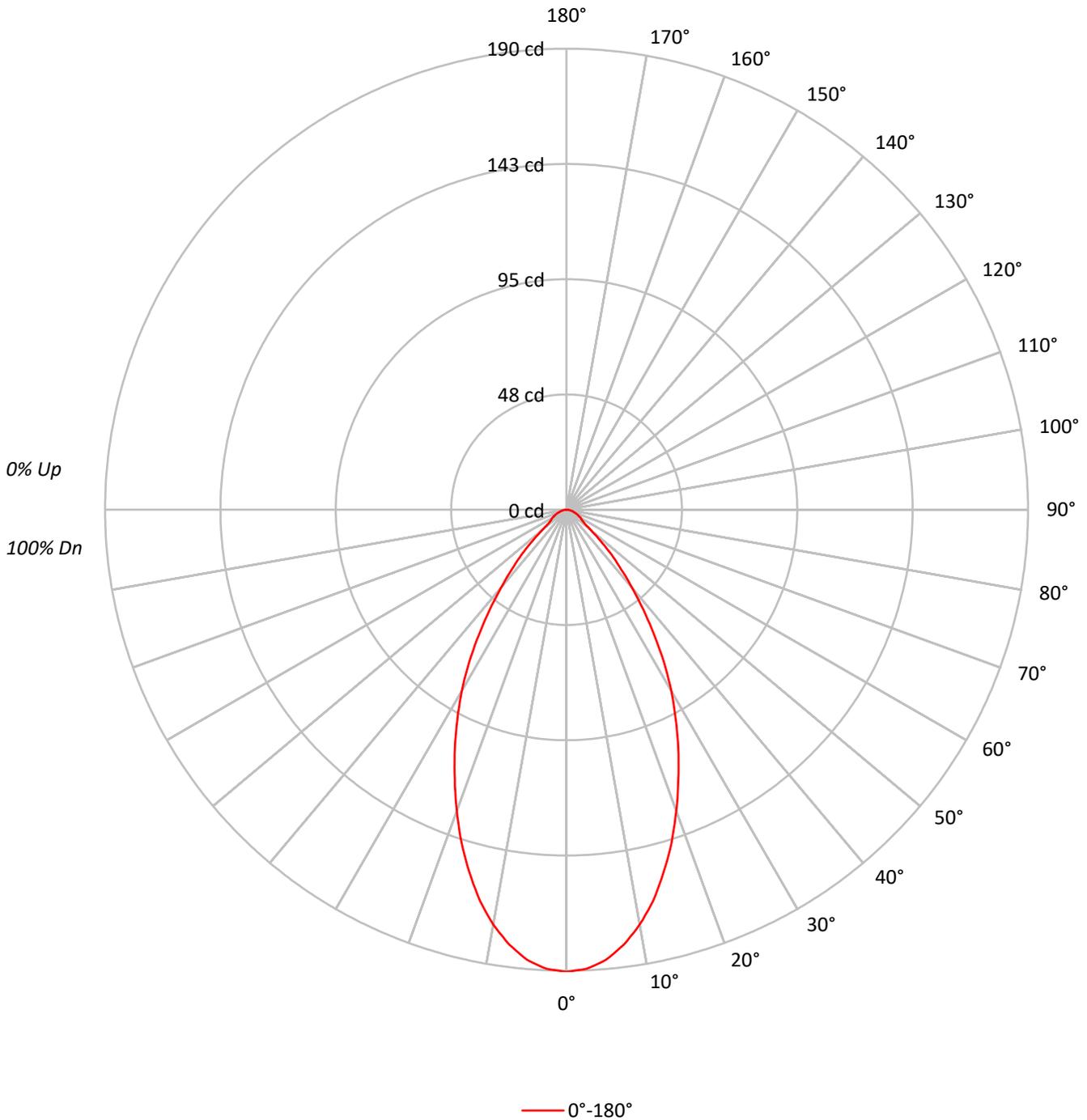
Test Method: LM-79-2019  
Report Number: P1281656  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R40B2750DE010 E3DLD1GPH\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 186.0 lumens  
Efficiency: N/A  
Efficacy: 31.5 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	58	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			45

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

	0°
0°	41751
5°	40986
10°	38654
15°	35097
20°	30826
25°	26324
30°	21826
35°	16811
40°	11965
45°	8063
50°	4401
55°	3097
60°	2938
65°	2698
70°	2372
75°	2288
80°	1894
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8063 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	17.4	9.3
10°-20°	43.1	23.2
20°-30°	49.8	26.8
30°-40°	39.2	21.1
40°-50°	20.1	10.8
50°-60°	7.7	4.1
60°-70°	5.1	2.7
70°-80°	2.8	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°	110.2	59.3
0°-40°	149.5	80.4
0°-60°	177.3	95.3
0°-90°	186.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	186.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	190	
5°	186	17
15°	155	43
25°	109	50
35°	63	39
45°	26	20
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	190.4
2.5°	189.4
5°	186.2
7.5°	180.8
10°	173.6
12.5°	165.0
15°	154.6
17.5°	143.8
20°	132.1
22.5°	120.3
25°	108.8
27.5°	97.4
30°	86.2
32.5°	74.7
35°	62.8
37.5°	51.8
40°	41.8
42.5°	33.3
45°	26.0
47.5°	18.9
50°	12.9
52.5°	9.4
55°	8.1
57.5°	7.3
60°	6.7
62.5°	5.8
65°	5.2
67.5°	4.4
70°	3.7
72.5°	3.1
75°	2.7
77.5°	2.1
80°	1.5
82.5°	1.2
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)