

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: P1283093

Luminaire Tested: P3AS09R30B2750DE010 E3DLD1MW\_3000K

Issue Date: 1/30/2026

**Test Information**

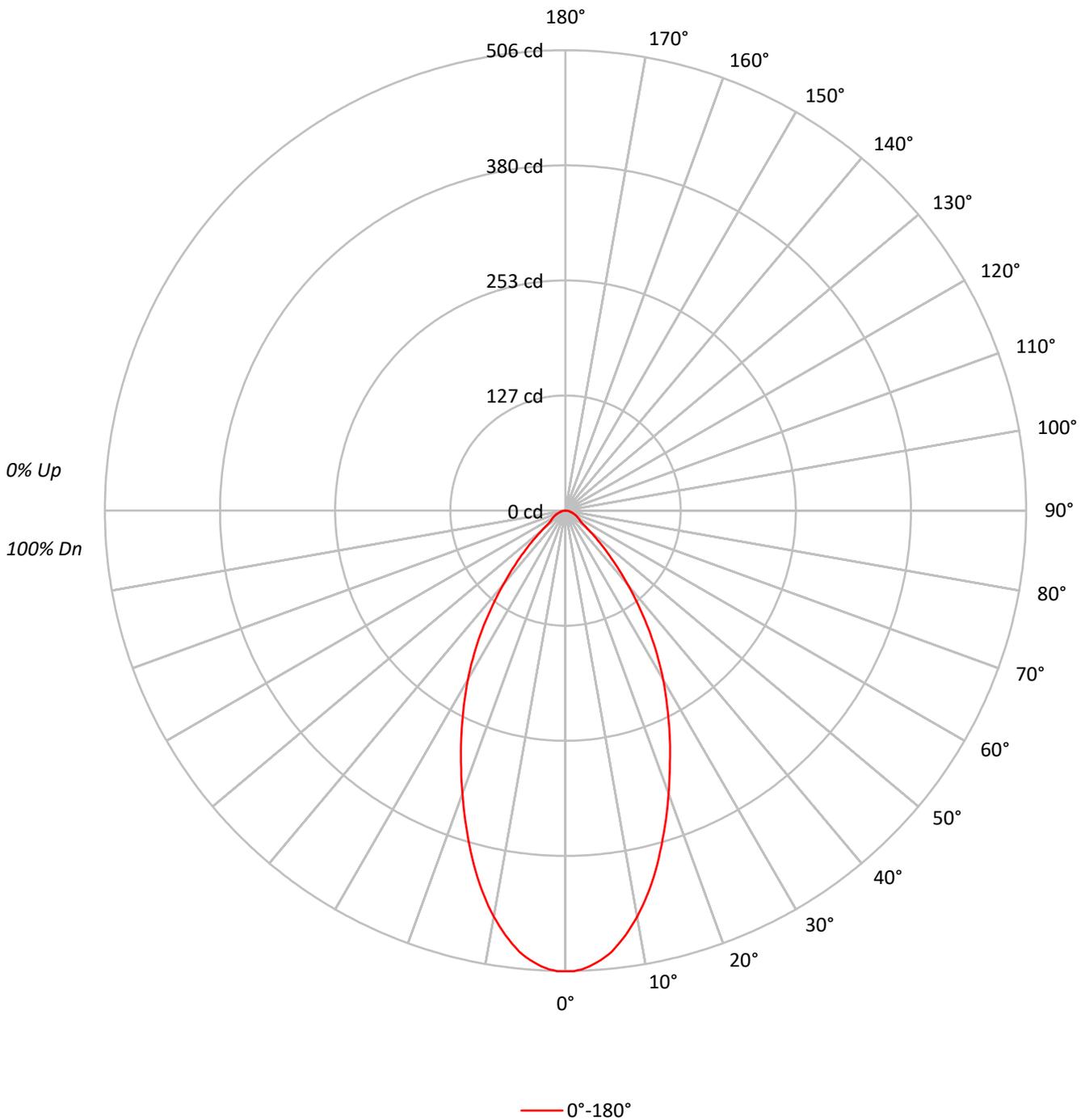
Test Method: LM-79-2019  
Report Number: P1283093  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R30B2750DE010 E3DLD1MW\_3000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 470.0 lumens  
Efficiency: N/A  
Efficacy: 35.9 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 13.1  
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				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	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76				76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

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

	0°
0°	111044
5°	108540
10°	100933
15°	89808
20°	77240
25°	65447
30°	54312
35°	42617
40°	30543
45°	20033
50°	11428
55°	7493
60°	7061
65°	6590
70°	5898
75°	5338
80°	5051
85°	4277

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 20033 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	45.8	9.7
10°-20°	110.0	23.4
20°-30°	124.0	26.4
30°-40°	99.0	21.1
40°-50°	50.9	10.8
50°-60°	19.1	4.1
60°-70°	12.6	2.7
70°-80°	6.8	1.4
80°-90°	2.0	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°	279.7	59.5
0°-40°	378.7	80.6
0°-60°	448.7	95.5
0°-90°	470.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	470.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	506	
5°	493	46
15°	396	110
25°	270	124
35°	159	99
45°	65	51
55°	20	19
65°	13	13
75°	6	7
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	506.4
1°	506.4
2°	504.6
3°	501.8
4°	497.7
5°	493.1
6°	487.3
7°	479.8
8°	471.8
9°	462.5
10°	453.3
11°	442.9
12°	432.0
13°	420.4
14°	408.3
15°	395.6
17.5°	363.3
20°	331.0
22.5°	299.9
25°	270.5
27.5°	241.7
30°	214.5
32.5°	186.9
35°	159.2
37.5°	132.1
40°	106.7
42.5°	84.2
45°	64.6
47.5°	47.9
50°	33.5
52.5°	23.6
55°	19.6
57.5°	17.9
60°	16.1
62.5°	14.4
65°	12.7
67.5°	11.0
70°	9.2
72.5°	7.5
75°	6.3
77.5°	5.2
80°	4.0
82.5°	2.9
85°	1.7
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)