

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: P1285542

Luminaire Tested: P3AS13R55B2750DE010 E3DLD1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

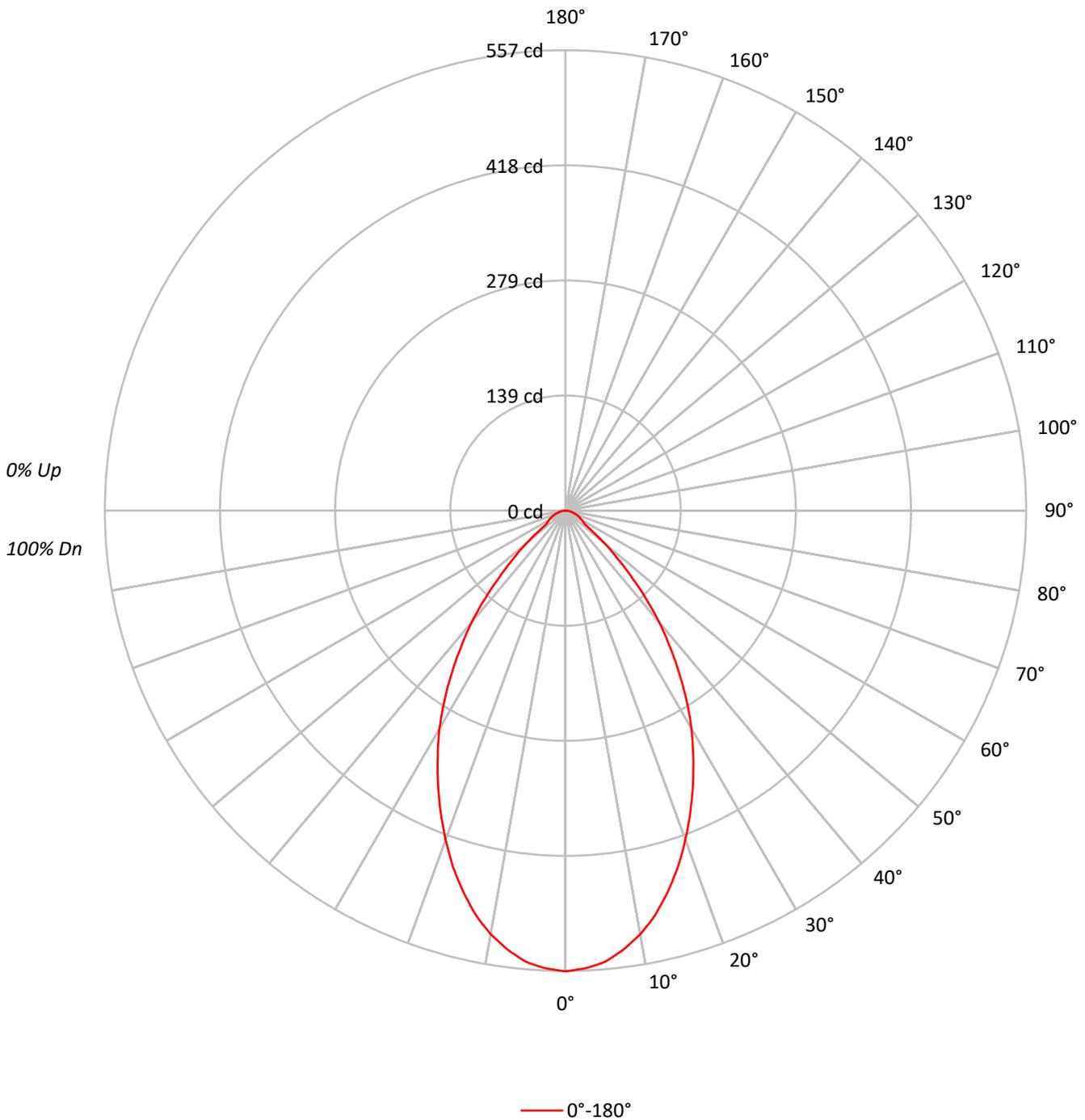
Test Method: LM-79-2019  
Report Number: P1285542  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R55B2750DE010 E3DLD1WMH\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 2700K CCT AND, 90CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 649.9 lumens  
Efficiency: N/A  
Efficacy: 34.0 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): 19.1  
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			
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
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	96	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	55	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°	122227
5°	120647
10°	115896
15°	108400
20°	98895
25°	88239
30°	77176
35°	64112
40°	50552
45°	34267
50°	20946
55°	10857
60°	10087
65°	9547
70°	8848
75°	7795
80°	7703
85°	5787

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 34267 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	51.4	7.9
10°-20°	133.5	20.5
20°-30°	167.1	25.7
30°-40°	149.2	23.0
40°-50°	87.3	13.4
50°-60°	30.2	4.6
60°-70°	18.2	2.8
70°-80°	10.1	1.6
80°-90°	2.9	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°	352.0	54.2
0°-40°	501.2	77.1
0°-60°	618.7	95.2
0°-90°	649.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	649.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	557	
5°	548	51
15°	478	133
25°	365	167
35°	240	149
45°	110	87
55°	28	30
65°	18	18
75°	9	10
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	557.4
2.5°	554.3
5°	548.1
7.5°	535.9
10°	520.5
12.5°	501.3
15°	477.5
17.5°	452.2
20°	423.8
22.5°	394.6
25°	364.7
27.5°	334.7
30°	304.8
32.5°	272.5
35°	239.5
37.5°	207.3
40°	176.6
42.5°	143.6
45°	110.5
47.5°	84.4
50°	61.4
52.5°	39.9
55°	28.4
57.5°	25.3
60°	23.0
62.5°	20.7
65°	18.4
67.5°	16.1
70°	13.8
72.5°	11.5
75°	9.2
77.5°	7.7
80°	6.1
82.5°	3.8
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)