

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: P1285772

Luminaire Tested: P3AS13R65B2750DE010 E3D1WMH\_2700K

Issue Date: 1/29/2026

**Test Information**

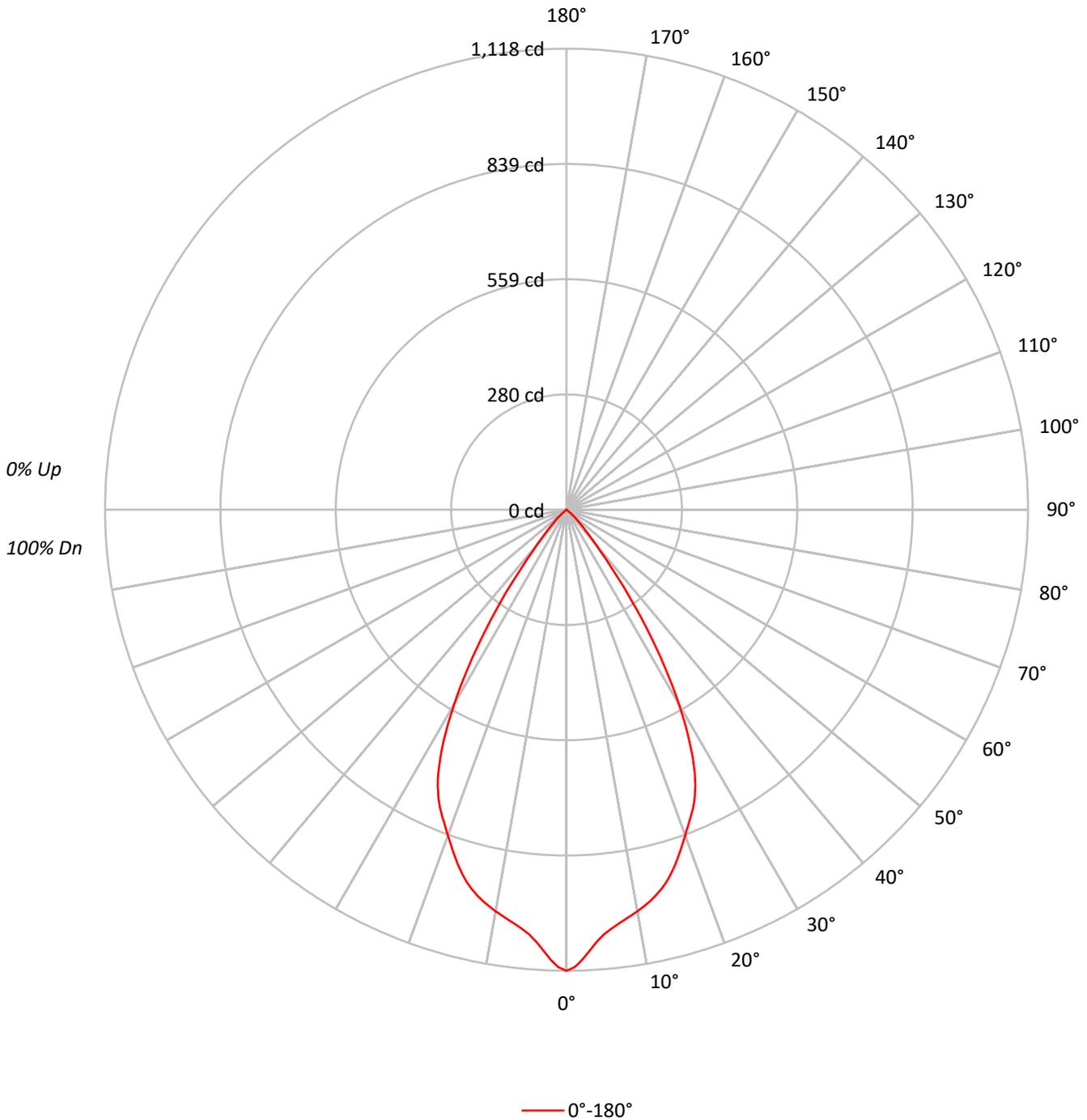
Test Method: LM-79-2019  
Report Number: P1285772  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R65B2750DE010 E3D1WMH\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3D1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 915.0 lumens  
Efficiency: N/A  
Efficacy: 47.9 lumens/watt  
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88  
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				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	95	91	87	93	89	86	90	87	85	88	86	83	82				82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77				77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72				72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67				67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63				63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59				59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56				56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52				52

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

	0°
0°	245178
5°	227646
10°	220147
15°	212169
20°	196157
25°	178704
30°	138072
35°	80040
40°	31745
45°	13521
50°	3207
55°	421
60°	351
65°	208
70°	256
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 13521 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	97.5	10.7
10°-20°	260.4	28.5
20°-30°	329.6	36.0
30°-40°	187.7	20.5
40°-50°	37.3	4.1
50°-60°	1.9	0.2
60°-70°	0.5	0.1
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°	687.5	75.1
0°-40°	875.2	95.6
0°-60°	914.4	99.9
0°-90°	915.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	915.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1118	
5°	1034	98
15°	935	260
25°	739	330
35°	299	188
45°	44	37
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1118.1
1°	1109.8
2°	1091.8
3°	1070.7
4°	1050.0
5°	1034.2
6°	1022.6
7°	1013.2
8°	1004.9
9°	996.6
10°	988.7
11°	980.1
12°	971.1
13°	960.2
14°	948.5
15°	934.6
16°	918.0
17°	900.0
18°	880.4
19°	859.7
20°	840.6
21°	821.0
22°	803.3
23°	784.9
24°	763.5
25°	738.6
26°	708.9
27°	673.2
28°	633.0
29°	590.1
30°	545.3
31°	496.1
32°	447.2
32.5°	422.0
33°	397.5
34°	347.9
35°	299.0
36°	253.9
37°	209.1
37.5°	186.2
38°	167.7
39°	135.8
40°	110.9
42.5°	68.4
45°	43.6



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	25.6
50°	9.4
52.5°	1.9
55°	1.1
57.5°	0.8
60°	0.8
62.5°	0.8
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.0
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)