

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: P1284712

Luminaire Tested: P3AS13R25B2750DE010 E3PHLP1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

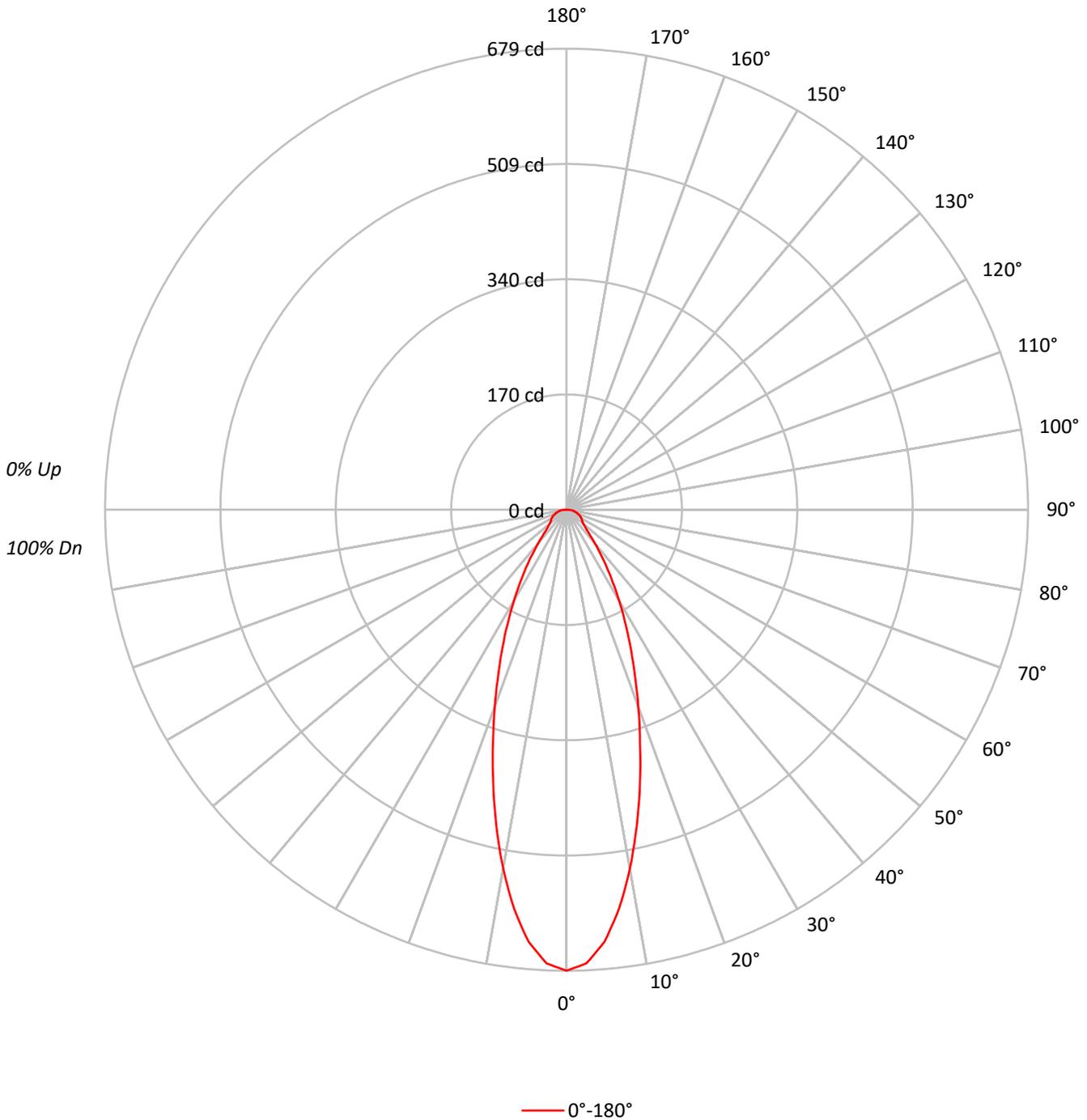
Test Method: LM-79-2019  
Report Number: P1284712  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R25B2750DE010 E3PHLP1MW\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 442.9 lumens  
Efficiency: N/A  
Efficacy: 23.2 lumens/watt  
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65  
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	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

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

	0°
0°	148848
5°	140634
10°	119526
15°	94666
20°	71943
25°	53664
30°	39044
35°	27626
40°	18721
45°	13056
50°	10985
55°	10590
60°	11183
65°	11519
70°	11348
75°	12200
80°	14017
85°	13838

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 14952 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.7	13.0
10°-20°	115.4	26.1
20°-30°	102.2	23.1
30°-40°	65.1	14.7
40°-50°	34.4	7.8
50°-60°	25.3	5.7
60°-70°	21.6	4.9
70°-80°	15.2	3.4
80°-90°	6.0	1.4
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°	275.3	62.2
0°-40°	340.4	76.9
0°-60°	400.1	90.3
0°-90°	442.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	442.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	679	
5°	639	58
15°	417	115
25°	222	102
35°	103	65
45°	42	34
55°	28	25
65°	22	22
75°	14	15
85°	6	6
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	678.8
2.5°	668.8
5°	638.9
7.5°	592.3
10°	536.8
12.5°	476.9
15°	417.0
17.5°	359.4
20°	308.3
22.5°	261.8
25°	221.8
27.5°	186.3
30°	154.2
32.5°	126.4
35°	103.2
37.5°	82.1
40°	65.4
42.5°	52.1
45°	42.1
47.5°	36.6
50°	32.2
52.5°	29.9
55°	27.7
57.5°	26.6
60°	25.5
62.5°	23.3
65°	22.2
67.5°	20.0
70°	17.7
72.5°	16.6
75°	14.4
77.5°	12.2
80°	11.1
82.5°	8.9
85°	5.5
87.5°	2.2
90°	0.0

(END OF REPORT)