

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: P1285428

Luminaire Tested: P3AS13R50B2750DE010 E3DLP1WMH\_3000K

Issue Date: 1/30/2026

**Test Information**

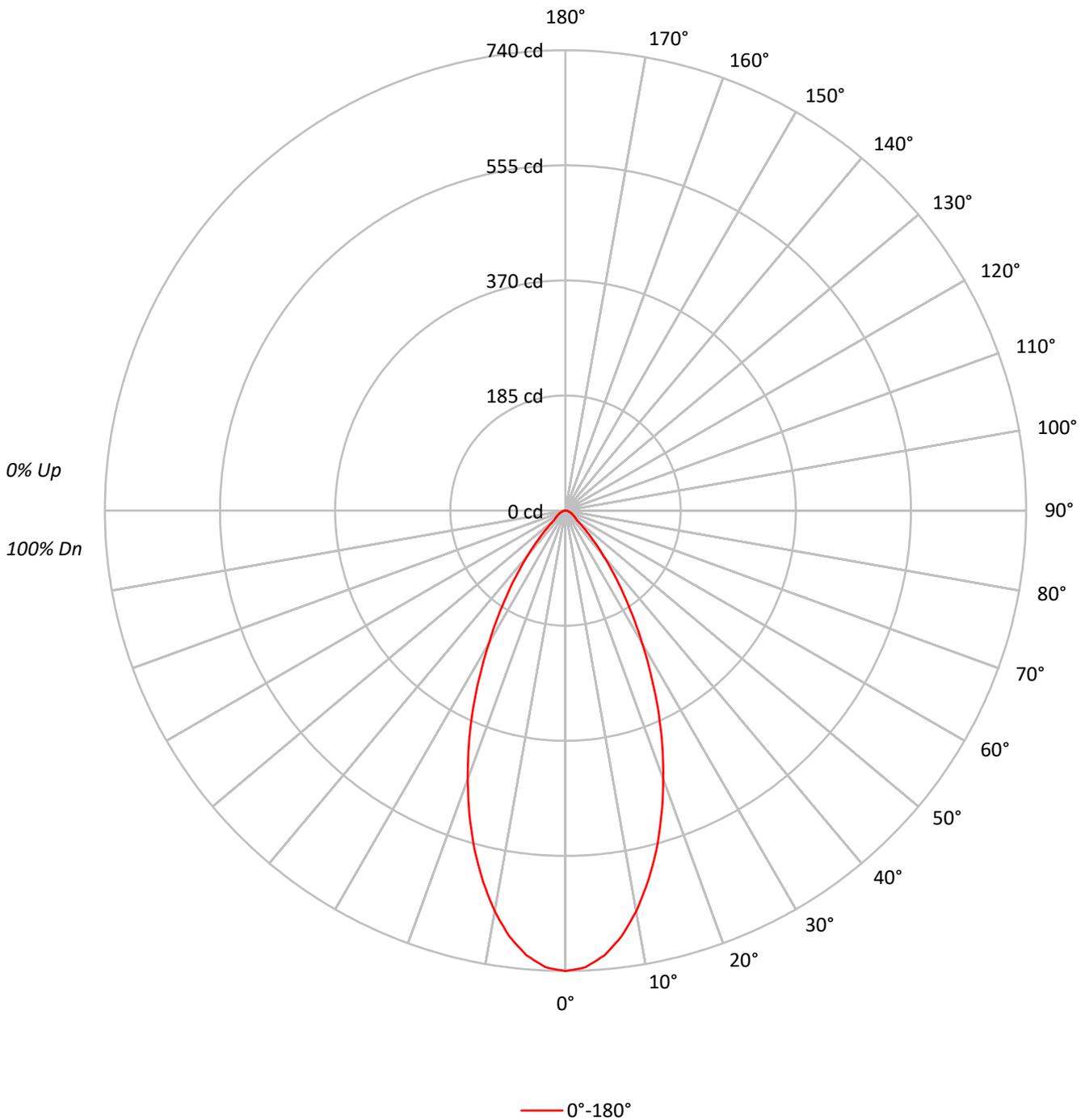
Test Method: LM-79-2019  
Report Number: P1285428  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R50B2750DE010 E3DLP1WMH\_3000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 558.1 lumens  
Efficiency: N/A  
Efficacy: 29.2 lumens/watt  
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77  
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	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79			
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73			
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	76	73	70	68			
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64			
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60			
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56			
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53			
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50			

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

	0°
0°	162290
5°	157935
10°	145622
15°	128060
20°	107156
25°	84973
30°	62339
35°	42858
40°	27251
45°	15226
50°	8256
55°	6920
60°	5964
65°	5500
70°	4873
75°	4490
80°	3788
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 15226 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	66.5	11.9
10°-20°	156.2	28.0
20°-30°	159.8	28.6
30°-40°	101.3	18.2
40°-50°	40.3	7.2
50°-60°	16.4	2.9
60°-70°	10.5	1.9
70°-80°	5.4	1.0
80°-90°	1.7	0.3
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°	382.5	68.5
0°-40°	483.9	86.7
0°-60°	540.6	96.9
0°-90°	558.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	558.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	740	
5°	718	66
15°	564	156
25°	351	160
35°	160	101
45°	49	40
55°	18	16
65°	11	10
75°	5	5
85°	2	2
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	740.1
2.5°	734.8
5°	717.5
7.5°	690.3
10°	654.0
12.5°	611.0
15°	564.1
17.5°	512.8
20°	459.2
22.5°	405.6
25°	351.2
27.5°	296.8
30°	246.2
32.5°	200.9
35°	160.1
37.5°	125.4
40°	95.2
42.5°	70.2
45°	49.1
47.5°	33.2
50°	24.2
52.5°	20.4
55°	18.1
57.5°	15.9
60°	13.6
62.5°	12.1
65°	10.6
67.5°	9.1
70°	7.6
72.5°	6.0
75°	5.3
77.5°	3.8
80°	3.0
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)