

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: P1284867

Luminaire Tested: P3AS13R30B2750DE010 E3PHLD1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

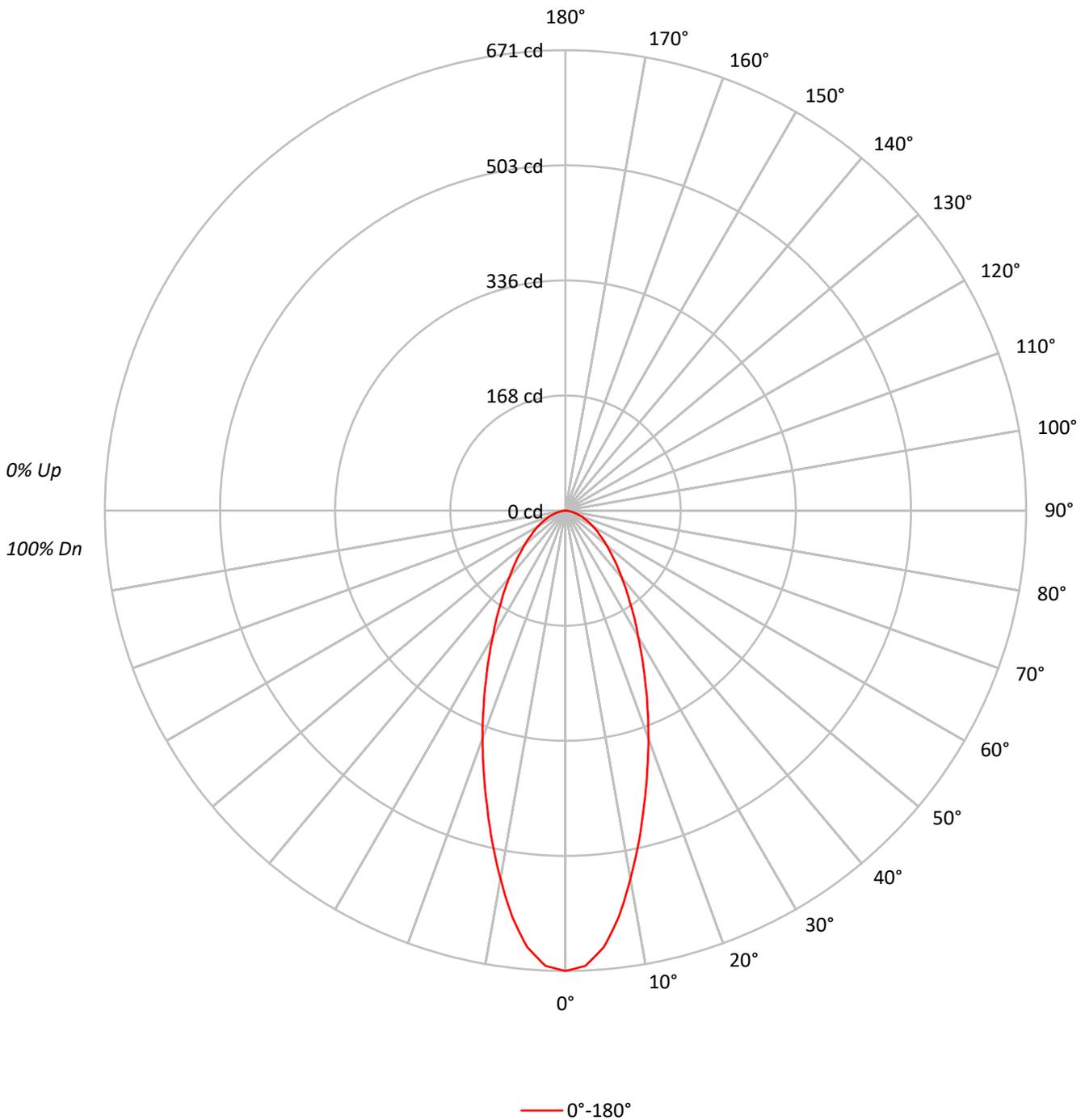
Test Method: LM-79-2019  
Report Number: P1284867  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R30B2750DE010 E3PHLD1MW\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 596.9 lumens  
Efficiency: N/A  
Efficacy: 31.3 lumens/watt  
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74  
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40

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

	0°
0°	147115
5°	140612
10°	121285
15°	100523
20°	82397
25°	66415
30°	53527
35°	43848
40°	36440
45°	30887
50°	26438
55°	22862
60°	20393
65°	17797
70°	15644
75°	13132
80°	9723
85°	5535

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 30887 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.9	9.7
10°-20°	123.5	20.7
20°-30°	126.6	21.2
30°-40°	103.4	17.3
40°-50°	77.4	13.0
50°-60°	54.3	9.1
60°-70°	34.2	5.7
70°-80°	16.5	2.8
80°-90°	3.1	0.5
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°	307.9	51.6
0°-40°	411.4	68.9
0°-60°	543.1	91.0
0°-90°	596.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	596.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	671	
5°	639	58
15°	443	123
25°	274	127
35°	164	103
45°	100	77
55°	60	54
65°	34	34
75°	16	16
85°	2	3
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	670.9
2.5°	664.2
5°	638.8
7.5°	596.7
10°	544.7
12.5°	493.7
15°	442.8
17.5°	396.3
20°	353.1
22.5°	312.2
25°	274.5
27.5°	241.3
30°	211.4
32.5°	187.1
35°	163.8
37.5°	145.0
40°	127.3
42.5°	112.9
45°	99.6
47.5°	87.5
50°	77.5
52.5°	68.6
55°	59.8
57.5°	53.1
60°	46.5
62.5°	39.9
65°	34.3
67.5°	28.8
70°	24.4
72.5°	19.9
75°	15.5
77.5°	11.1
80°	7.7
82.5°	4.4
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)