

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: P1283147

Luminaire Tested: P3AS09R30B2750DE010 E3PHLP1MW\_2700K

Issue Date: 1/29/2026

**Test Information**

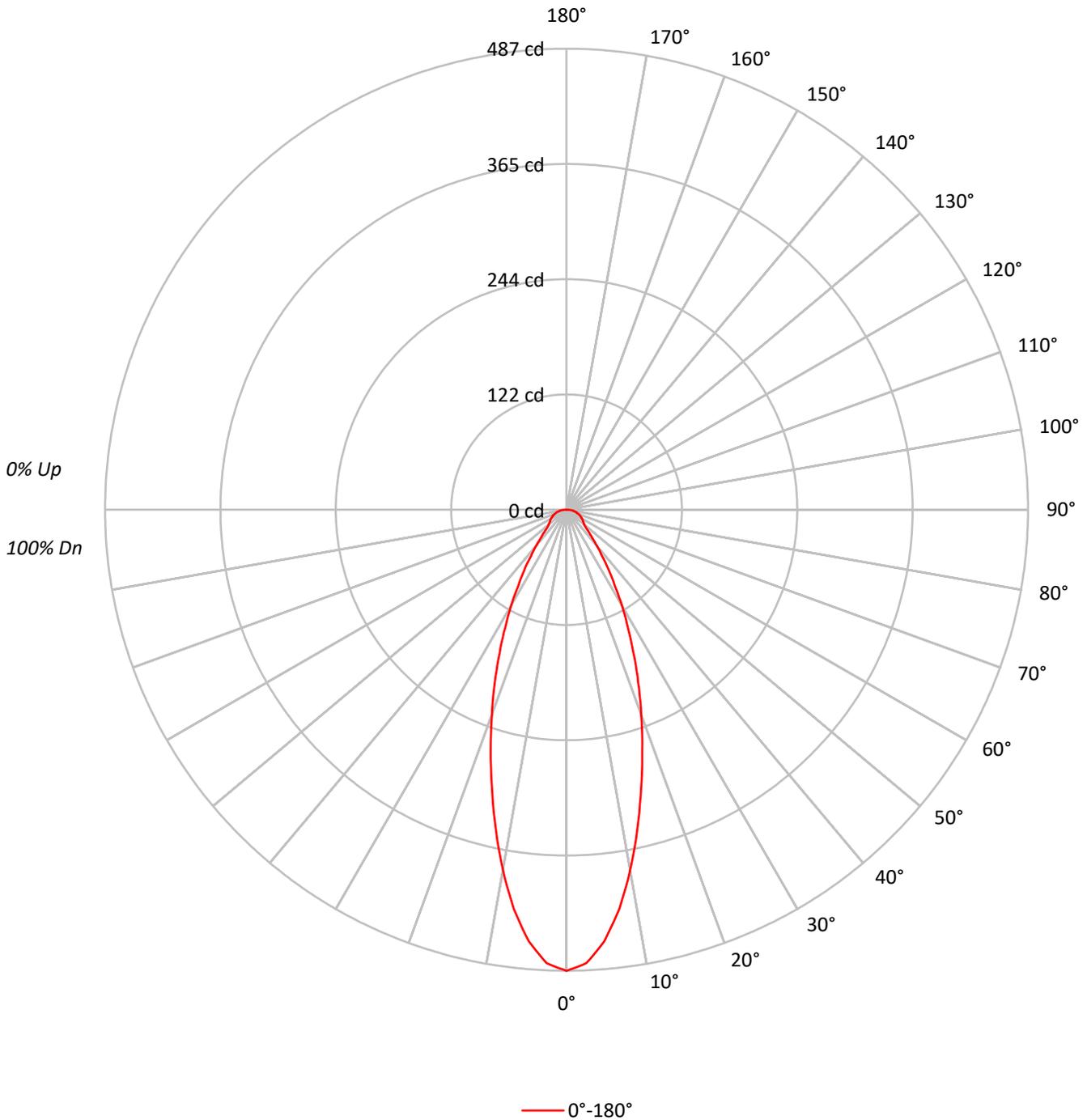
Test Method: LM-79-2019  
Report Number: P1283147  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R30B2750DE010 E3PHLP1MW\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 329.0 lumens  
Efficiency: N/A  
Efficacy: 25.1 lumens/watt  
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 13.1  
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	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81	81	81	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59	59	59	59
7	79	69	62	57	78	68	62	57	67	61	57	66	60	57	64	60	56	55	55	55	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51	51	51	51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46	46	46	46

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

	0°
0°	106812
5°	100726
10°	86104
15°	68990
20°	53788
25°	40454
30°	29498
35°	20800
40°	14255
45°	10203
50°	8358
55°	8067
60°	8157
65°	8302
70°	8655
75°	9320
80°	9597
85°	10567

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 82.5°  
 Luminance: 11424 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	41.4	12.6
10°-20°	84.4	25.7
20°-30°	77.0	23.4
30°-40°	49.0	14.9
40°-50°	26.2	8.0
50°-60°	19.2	5.8
60°-70°	16.1	4.9
70°-80°	11.3	3.4
80°-90°	4.5	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°	202.8	61.6
0°-40°	251.8	76.5
0°-60°	297.2	90.3
0°-90°	329.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	329.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	487	
5°	458	41
15°	304	84
25°	167	77
35°	78	49
45°	33	26
55°	21	19
65°	16	16
75°	11	11
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	487.1
2.5°	479.5
5°	457.6
7.5°	425.5
10°	386.7
12.5°	345.3
15°	303.9
17.5°	265.9
20°	230.5
22.5°	197.6
25°	167.2
27.5°	140.1
30°	116.5
32.5°	94.6
35°	77.7
37.5°	61.6
40°	49.8
42.5°	39.7
45°	32.9
47.5°	27.0
50°	24.5
52.5°	22.8
55°	21.1
57.5°	20.3
60°	18.6
62.5°	17.7
65°	16.0
67.5°	15.2
70°	13.5
72.5°	11.8
75°	11.0
77.5°	9.3
80°	7.6
82.5°	6.8
85°	4.2
87.5°	1.7
90°	0.0

(END OF REPORT)