

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: P1283148

Luminaire Tested: P3AS09R30B2750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283148
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

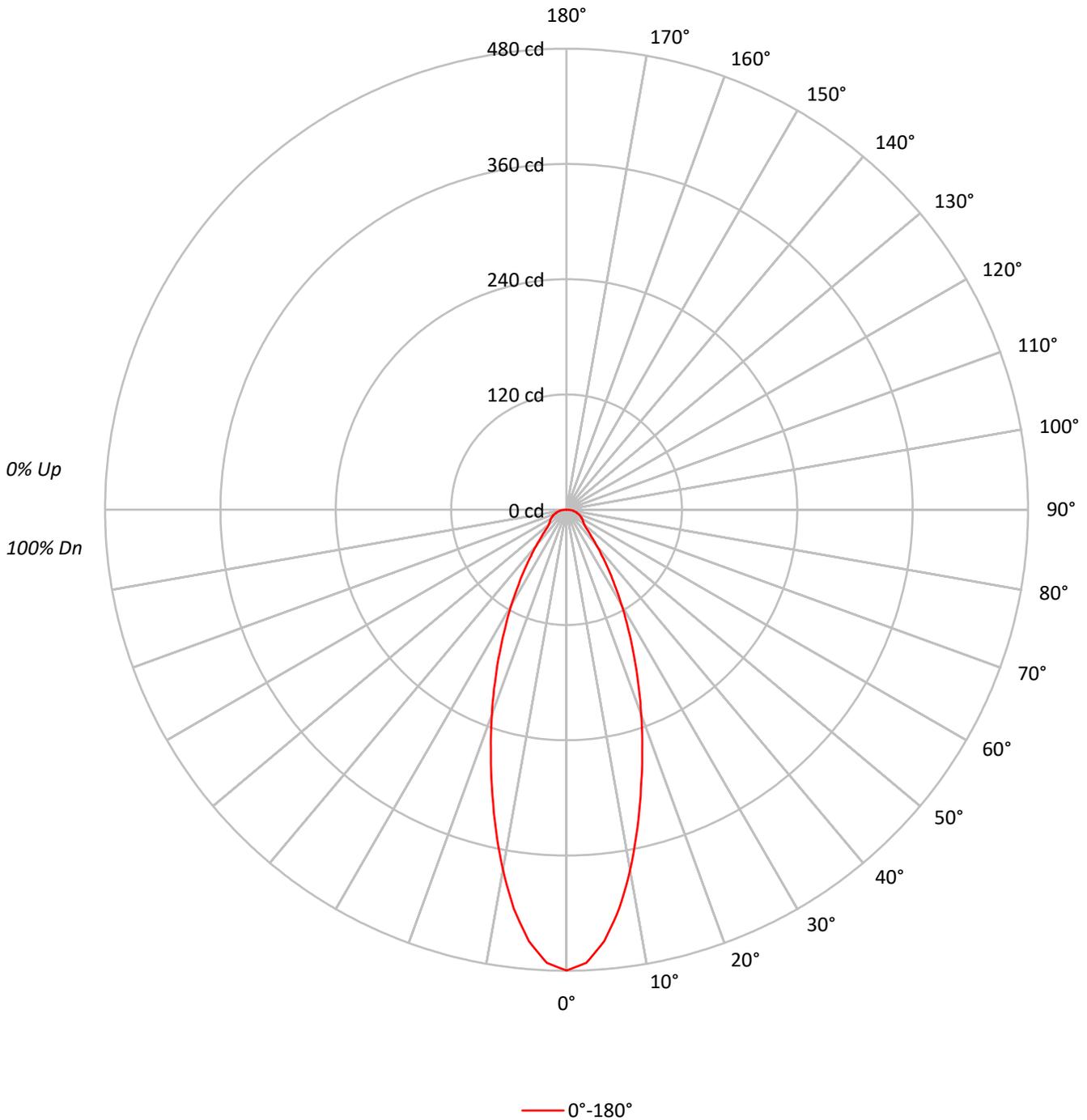
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 324.0 lumens
Efficiency: N/A
Efficacy: 24.7 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				
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°	105189
5°	99185
10°	84790
15°	67946
20°	52971
25°	39825
30°	29042
35°	20478
40°	14055
45°	10048
50°	8221
55°	7952
60°	8026
65°	8198
70°	8527
75°	9150
80°	9471
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 11256 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.8	12.6
10°-20°	83.2	25.7
20°-30°	75.8	23.4
30°-40°	48.2	14.9
40°-50°	25.8	8.0
50°-60°	18.9	5.8
60°-70°	15.9	4.9
70°-80°	11.1	3.4
80°-90°	4.4	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°	199.7	61.6
0°-40°	248.0	76.5
0°-60°	292.7	90.3
0°-90°	324.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	324.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	480	
5°	451	41
15°	299	83
25°	165	76
35°	76	48
45°	32	26
55°	21	19
65°	16	16
75°	11	11
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	479.7
2.5°	472.3
5°	450.6
7.5°	419.0
10°	380.8
12.5°	340.1
15°	299.3
17.5°	261.9
20°	227.0
22.5°	194.6
25°	164.6
27.5°	138.0
30°	114.7
32.5°	93.1
35°	76.5
37.5°	60.7
40°	49.1
42.5°	39.1
45°	32.4
47.5°	26.6
50°	24.1
52.5°	22.4
55°	20.8
57.5°	20.0
60°	18.3
62.5°	17.5
65°	15.8
67.5°	15.0
70°	13.3
72.5°	11.6
75°	10.8
77.5°	9.1
80°	7.5
82.5°	6.7
85°	4.2
87.5°	1.7
90°	0.0

(END OF REPORT)