

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: P1283290

Luminaire Tested: P3AS09R35B2750DE010 E3PHLP1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283290
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35B2750DE010 E3PHLP1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

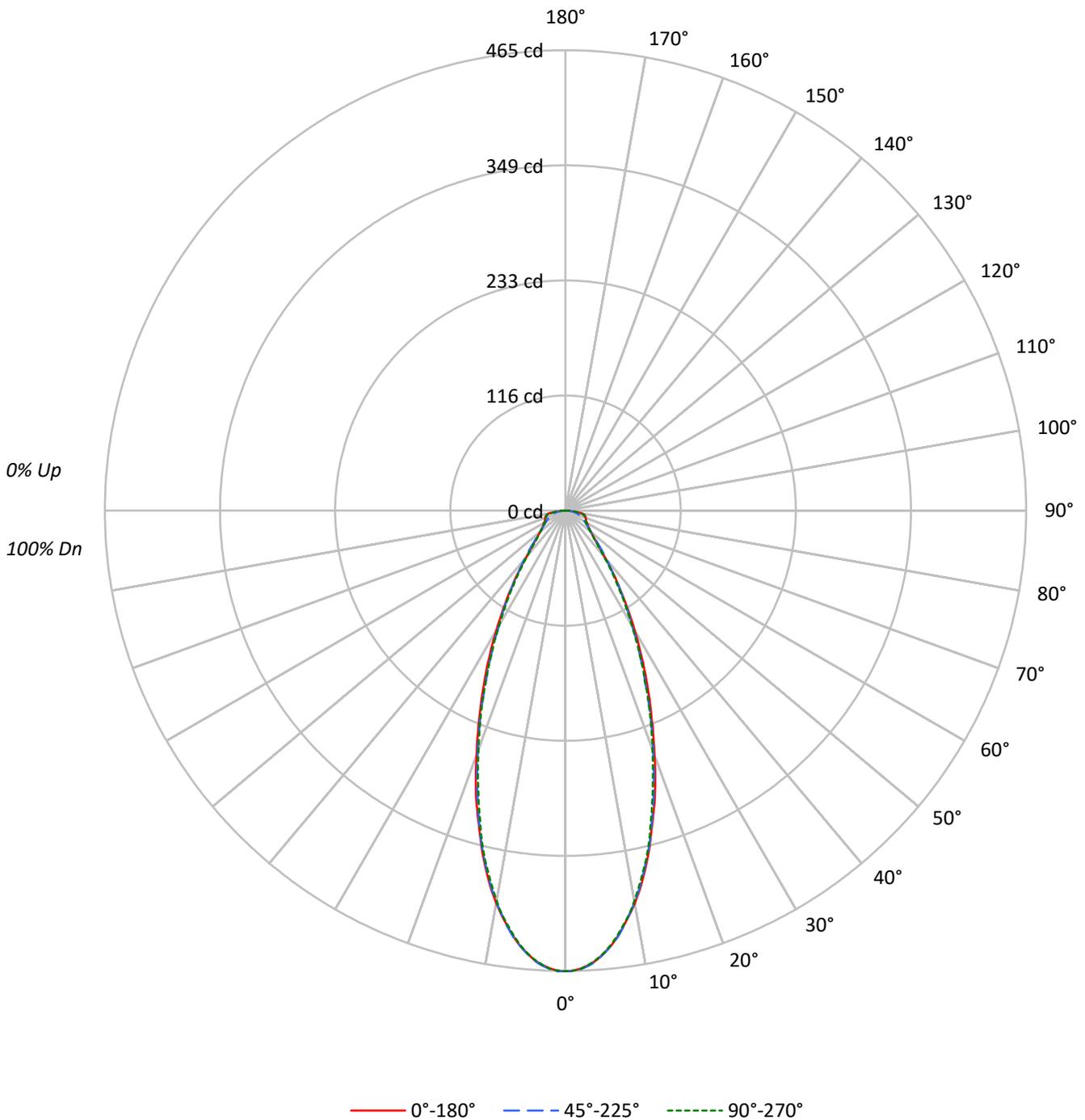
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 385.0 lumens
Efficiency: N/A
Efficacy: 29.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
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	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	102031	102031	102031
5°	98679	98811	98679
10°	89644	89511	89132
15°	76096	75846	75165
20°	61279	60439	59902
25°	47350	45946	45946
30°	35322	34132	33828
35°	25404	25110	24467
40°	17776	18291	17118
45°	13273	13986	12901
50°	11394	11394	11189
55°	10743	10322	10513
60°	11052	10043	10525
65°	11882	10014	11571
70°	13913	10515	13528
75°	17368	10929	16860
80°	22225	11870	19952
85°	17612	11825	17612

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 22225 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.3	10.7
10°-20°	92.2	24.0
20°-30°	88.1	22.9
30°-40°	59.2	15.4
40°-50°	34.7	9.0
50°-60°	24.8	6.5
60°-70°	20.7	5.4
70°-80°	17.0	4.4
80°-90°	7.0	1.8
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°	221.6	57.6
0°-40°	280.8	72.9
0°-60°	340.4	88.4
0°-90°	385.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	385.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	465	465	465	465	465	
5°	448	450	449	448	448	41
15°	335	336	334	332	331	93
25°	196	193	190	190	190	90
35°	95	95	94	92	91	60
45°	43	44	45	43	42	34
55°	28	28	27	27	28	26
65°	23	20	19	20	22	23
75°	20	16	13	16	20	21
85°	7	8	5	8	7	8
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	465.3	465.3	465.3	465.3	465.3
1°	464.7	465.3	465.3	464.7	464.7
2°	462.4	463.6	463.0	462.4	463.0
3°	459.5	460.6	460.1	459.5	458.9
4°	454.8	456.0	455.4	454.2	454.2
5°	448.3	449.5	448.9	448.3	448.3
6°	441.9	443.1	441.9	440.7	440.7
7°	433.1	434.9	433.7	432.5	431.9
8°	423.1	424.9	423.7	423.1	422.0
9°	413.2	414.3	412.6	412.6	412.6
10°	402.6	403.2	402.0	400.3	400.3
11°	390.9	390.3	389.7	388.6	387.4
12°	378.0	378.0	376.2	375.1	374.5
13°	364.5	363.9	362.8	361.6	361.6
14°	350.5	350.5	349.3	346.9	347.5
15°	335.2	335.8	334.1	331.7	331.1
17.5°	300.6	299.5	296.5	294.8	293.0
20°	262.6	262.0	259.0	257.3	256.7
22.5°	227.4	226.8	223.9	222.1	223.3
25°	195.7	193.4	189.9	189.9	189.9
27.5°	166.4	163.5	161.2	160.0	161.2
30°	139.5	137.1	134.8	134.2	133.6
32.5°	115.5	114.3	113.1	111.4	111.4
35°	94.9	94.9	93.8	92.0	91.4
37.5°	77.4	77.9	77.4	75.6	75.0
40°	62.1	63.3	63.9	62.1	59.8
42.5°	51.0	52.7	53.9	51.0	49.2
45°	42.8	44.0	45.1	42.8	41.6
47.5°	37.5	38.1	38.7	36.9	36.3
50°	33.4	33.4	33.4	32.8	32.8
52.5°	30.5	30.5	29.9	29.3	29.3
55°	28.1	27.5	27.0	27.0	27.5
57.5°	26.4	25.8	24.6	25.2	25.8
60°	25.2	24.0	22.9	23.4	24.0
62.5°	23.4	22.3	21.1	21.7	22.9
65°	22.9	20.5	19.3	20.5	22.3
67.5°	22.3	19.3	17.6	19.3	21.7
70°	21.7	18.2	16.4	18.2	21.1
72.5°	21.1	17.0	14.7	17.0	20.5
75°	20.5	15.8	12.9	15.8	19.9
77.5°	19.3	14.7	11.1	14.7	18.2
80°	17.6	13.5	9.4	12.9	15.8
82.5°	12.9	11.1	7.6	11.1	11.7
85°	7.0	7.6	4.7	7.6	7.0
87.5°	0.6	1.2	1.2	3.5	2.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)