

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: P1283287

Luminaire Tested: P3AS09R35B2750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283287
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_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

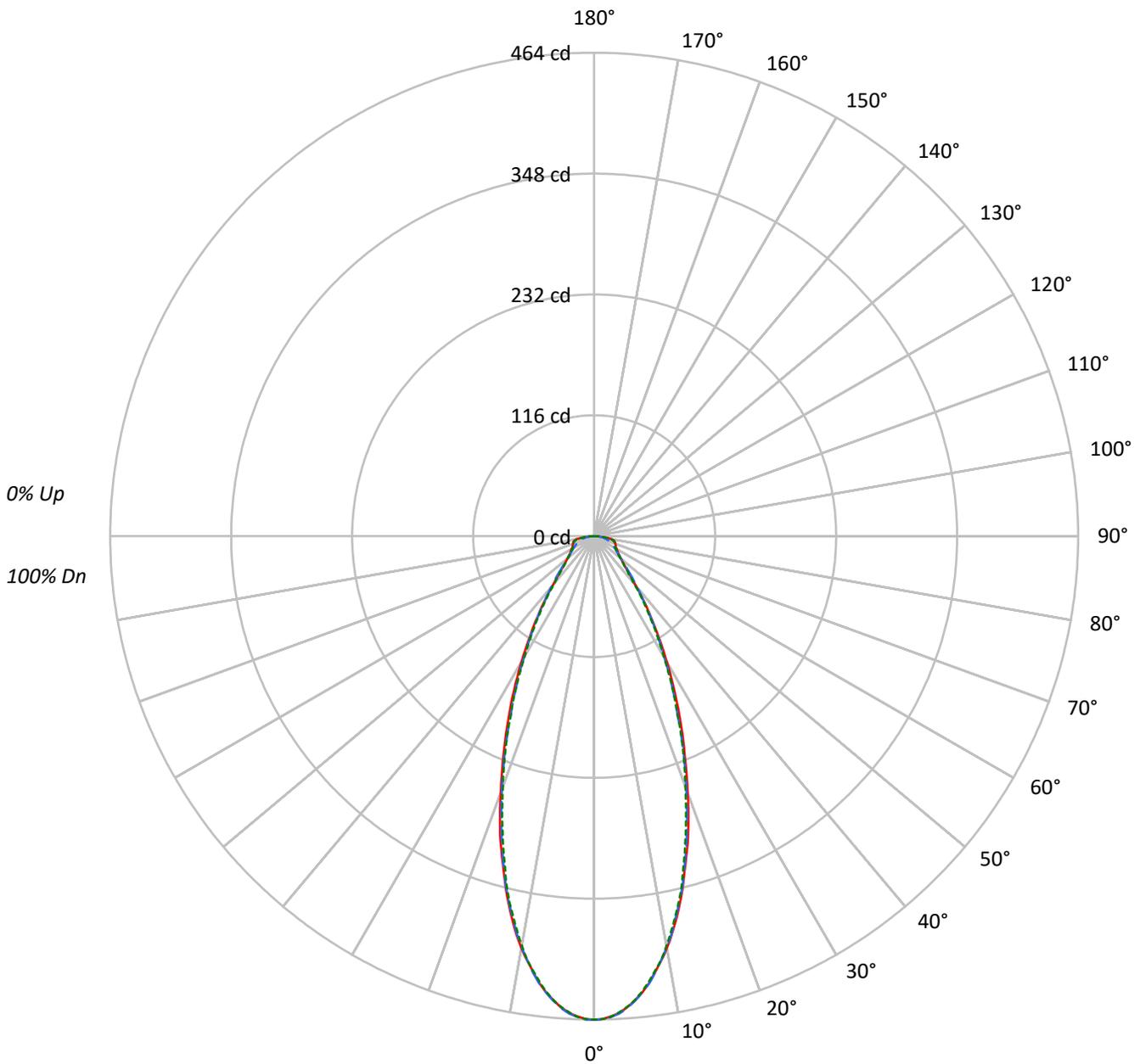
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 384.0 lumens
Efficiency: N/A
Efficacy: 29.3 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



— 0°-180° - - 45°-225° ···· 90°-270°



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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°	101768	101768	101768
5°	98437	98569	98437
10°	89422	89288	88887
15°	75914	75642	74983
20°	61115	60299	59739
25°	47229	45825	45825
30°	35221	34031	33752
35°	25350	25029	24414
40°	17748	18234	17061
45°	13242	13955	12870
50°	11360	11360	11155
55°	10743	10284	10513
60°	11008	9999	10525
65°	11830	10014	11519
70°	13848	10515	13464
75°	17368	10929	16860
80°	22099	11870	19952
85°	17612	11825	17612

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 22099 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	10.7
10°-20°	92.0	24.0
20°-30°	87.9	22.9
30°-40°	59.0	15.4
40°-50°	34.6	9.0
50°-60°	24.8	6.5
60°-70°	20.6	5.4
70°-80°	16.9	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°	221.1	57.6
0°-40°	280.1	72.9
0°-60°	339.5	88.4
0°-90°	384.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	384.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	464	464	464	464	464	
5°	447	448	448	447	447	41
15°	334	335	333	331	330	93
25°	195	193	189	189	189	90
35°	95	95	94	92	91	60
45°	43	44	45	43	42	34
55°	28	28	27	27	28	25
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°	464.1	464.1	464.1	464.1	464.1
1°	463.5	464.1	464.1	463.5	463.5
2°	461.2	462.4	461.8	461.2	461.8
3°	458.3	459.4	458.9	458.3	457.7
4°	453.6	454.8	454.2	453.0	453.0
5°	447.2	448.3	447.8	447.2	447.2
6°	440.7	441.9	440.7	439.6	439.6
7°	432.0	433.7	432.6	431.4	430.8
8°	422.0	423.8	422.6	422.0	420.9
9°	412.1	413.3	411.5	411.5	411.5
10°	401.6	402.2	401.0	399.2	399.2
11°	389.9	389.3	388.7	387.5	386.4
12°	377.0	377.0	375.3	374.1	373.5
13°	363.6	363.0	361.8	360.7	360.7
14°	349.6	349.6	348.4	346.0	346.6
15°	334.4	334.9	333.2	330.8	330.3
17.5°	299.9	298.7	295.8	294.0	292.3
20°	261.9	261.3	258.4	256.6	256.0
22.5°	226.8	226.2	223.3	221.5	222.7
25°	195.2	192.9	189.4	189.4	189.4
27.5°	166.0	163.1	160.7	159.6	160.7
30°	139.1	136.8	134.4	133.9	133.3
32.5°	115.2	114.0	112.8	111.1	111.1
35°	94.7	94.7	93.5	91.8	91.2
37.5°	77.2	77.7	77.2	75.4	74.8
40°	62.0	63.1	63.7	62.0	59.6
42.5°	50.9	52.6	53.8	50.9	49.1
45°	42.7	43.8	45.0	42.7	41.5
47.5°	37.4	38.0	38.6	36.8	36.2
50°	33.3	33.3	33.3	32.7	32.7
52.5°	30.4	30.4	29.8	29.2	29.2
55°	28.1	27.5	26.9	26.9	27.5
57.5°	26.3	25.7	24.6	25.1	25.7
60°	25.1	24.0	22.8	23.4	24.0
62.5°	23.4	22.2	21.0	21.6	22.8
65°	22.8	20.5	19.3	20.5	22.2
67.5°	22.2	19.3	17.5	19.3	21.6
70°	21.6	18.1	16.4	18.1	21.0
72.5°	21.0	17.0	14.6	17.0	20.5
75°	20.5	15.8	12.9	15.8	19.9
77.5°	19.3	14.6	11.1	14.6	18.1
80°	17.5	13.4	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)