

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: P1283291

Luminaire Tested: P3AS09R35B2750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283291
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

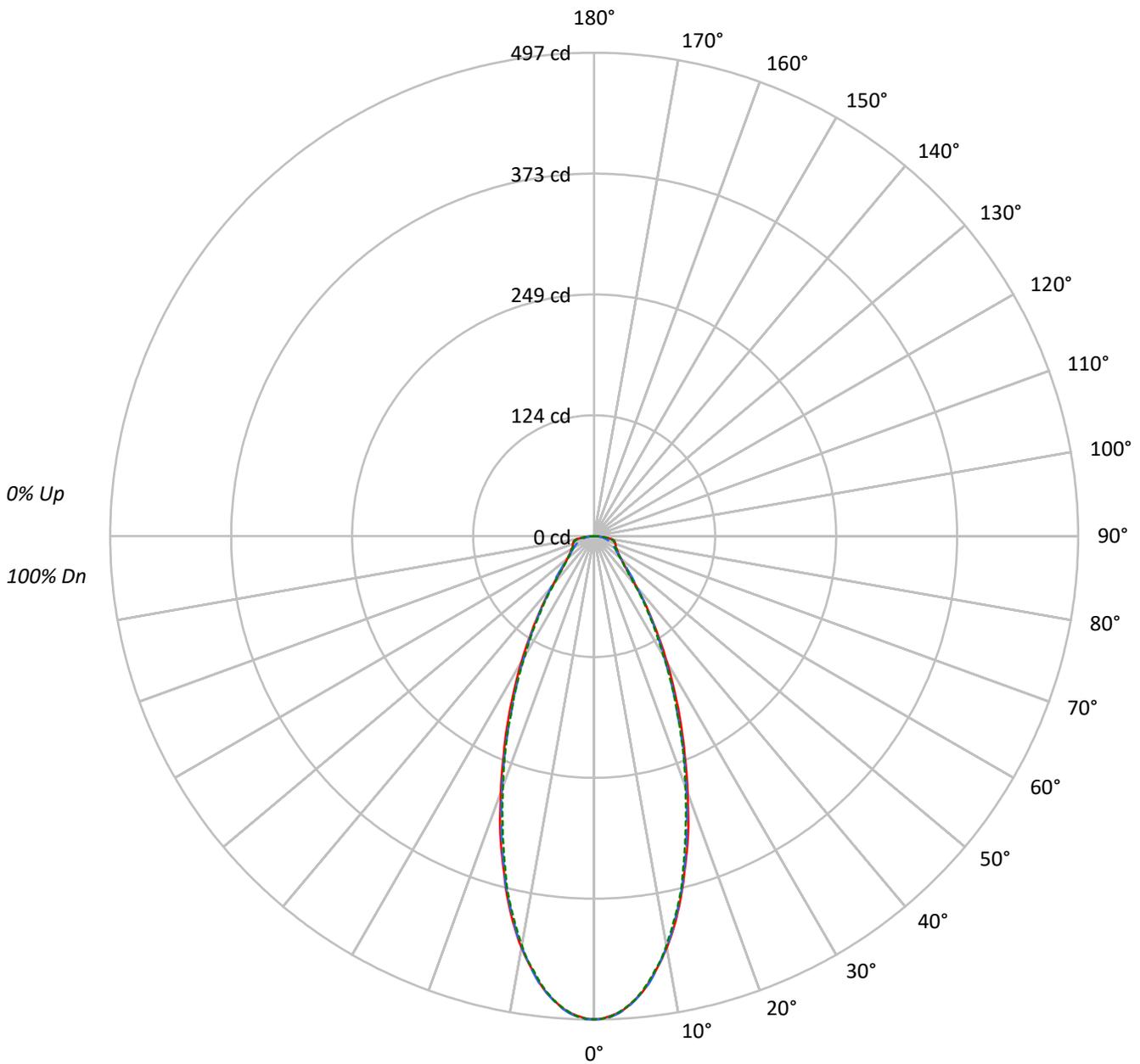
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 411.0 lumens
Efficiency: N/A
Efficacy: 31.4 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

TEST NUMBER: P1283291
CATALOG NUMBER: P3AS09R35B2750DE010 E3PHLP1MW_5000K

Luminous Intensity Polar Plot



0% Up
100% Dn

— 0°-180° - - 45°-225° - · - · 90°-270°



TEST NUMBER: P1283291

CATALOG NUMBER: P3AS09R35B2750DE010 E3PHLP1MW_5000K

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	66	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°	108939	108939	108939
5°	105349	105481	105349
10°	95701	95567	95144
15°	81249	80954	80250
20°	65409	64522	63939
25°	50567	49043	49043
30°	37702	36436	36107
35°	27144	26796	26127
40°	18978	19522	18263
45°	14172	14947	13769
50°	12179	12179	11940
55°	11469	11010	11240
60°	11797	10701	11271
65°	12660	10689	12349
70°	14810	11220	14426
75°	18554	11692	18046
80°	23740	12628	21341
85°	18870	12580	18870

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 23740 cd/sqm



TEST NUMBER: P1283291

CATALOG NUMBER: P3AS09R35B2750DE010 E3PHLP1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.1	10.7
10°-20°	98.5	24.0
20°-30°	94.0	22.9
30°-40°	63.2	15.4
40°-50°	37.1	9.0
50°-60°	26.5	6.5
60°-70°	22.1	5.4
70°-80°	18.1	4.4
80°-90°	7.5	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°	236.6	57.6
0°-40°	299.8	72.9
0°-60°	363.4	88.4
0°-90°	411.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	411.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	497	497	497	497	497	
5°	479	480	479	479	479	44
15°	358	358	357	354	354	99
25°	209	206	203	203	203	96
35°	101	101	100	98	98	64
45°	46	47	48	46	44	37
55°	30	29	29	29	29	27
65°	24	22	21	22	24	24
75°	22	17	14	17	21	23
85°	8	8	5	8	8	9
90°	0	0	0	0	0	



TEST NUMBER: P1283291

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	496.8	496.8	496.8	496.8	496.8
1°	496.1	496.8	496.8	496.1	496.1
2°	493.6	494.9	494.3	493.6	494.3
3°	490.5	491.7	491.1	490.5	489.9
4°	485.5	486.7	486.1	484.9	484.9
5°	478.6	479.9	479.2	478.6	478.6
6°	471.7	473.0	471.7	470.5	470.5
7°	462.3	464.2	463.0	461.7	461.1
8°	451.7	453.6	452.3	451.7	450.5
9°	441.1	442.3	440.4	440.4	440.4
10°	429.8	430.4	429.2	427.3	427.3
11°	417.3	416.7	416.0	414.8	413.5
12°	403.5	403.5	401.7	400.4	399.8
13°	389.1	388.5	387.3	386.0	386.0
14°	374.1	374.1	372.9	370.4	371.0
15°	357.9	358.5	356.6	354.1	353.5
17.5°	321.0	319.7	316.6	314.7	312.8
20°	280.3	279.7	276.5	274.7	274.0
22.5°	242.7	242.1	239.0	237.1	238.4
25°	209.0	206.5	202.7	202.7	202.7
27.5°	177.7	174.6	172.0	170.8	172.0
30°	148.9	146.4	143.9	143.3	142.6
32.5°	123.3	122.0	120.7	118.9	118.9
35°	101.4	101.4	100.1	98.2	97.6
37.5°	82.6	83.2	82.6	80.7	80.1
40°	66.3	67.6	68.2	66.3	63.8
42.5°	54.4	56.3	57.6	54.4	52.6
45°	45.7	46.9	48.2	45.7	44.4
47.5°	40.0	40.7	41.3	39.4	38.8
50°	35.7	35.7	35.7	35.0	35.0
52.5°	32.5	32.5	31.9	31.3	31.3
55°	30.0	29.4	28.8	28.8	29.4
57.5°	28.2	27.5	26.3	26.9	27.5
60°	26.9	25.7	24.4	25.0	25.7
62.5°	25.0	23.8	22.5	23.1	24.4
65°	24.4	21.9	20.6	21.9	23.8
67.5°	23.8	20.6	18.8	20.6	23.1
70°	23.1	19.4	17.5	19.4	22.5
72.5°	22.5	18.1	15.6	18.1	21.9
75°	21.9	16.9	13.8	16.9	21.3
77.5°	20.6	15.6	11.9	15.6	19.4
80°	18.8	14.4	10.0	13.8	16.9
82.5°	13.8	11.9	8.1	11.9	12.5
85°	7.5	8.1	5.0	8.1	7.5
87.5°	0.6	1.3	1.3	3.8	2.5



TEST NUMBER: P1283291
CATALOG NUMBER: P3AS09R35B2750DE010 E3PHLP1MW_5000K

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)