

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: P1285012

Luminaire Tested: P3AS13R35B2750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285012
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: P3AS13R35B2750DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

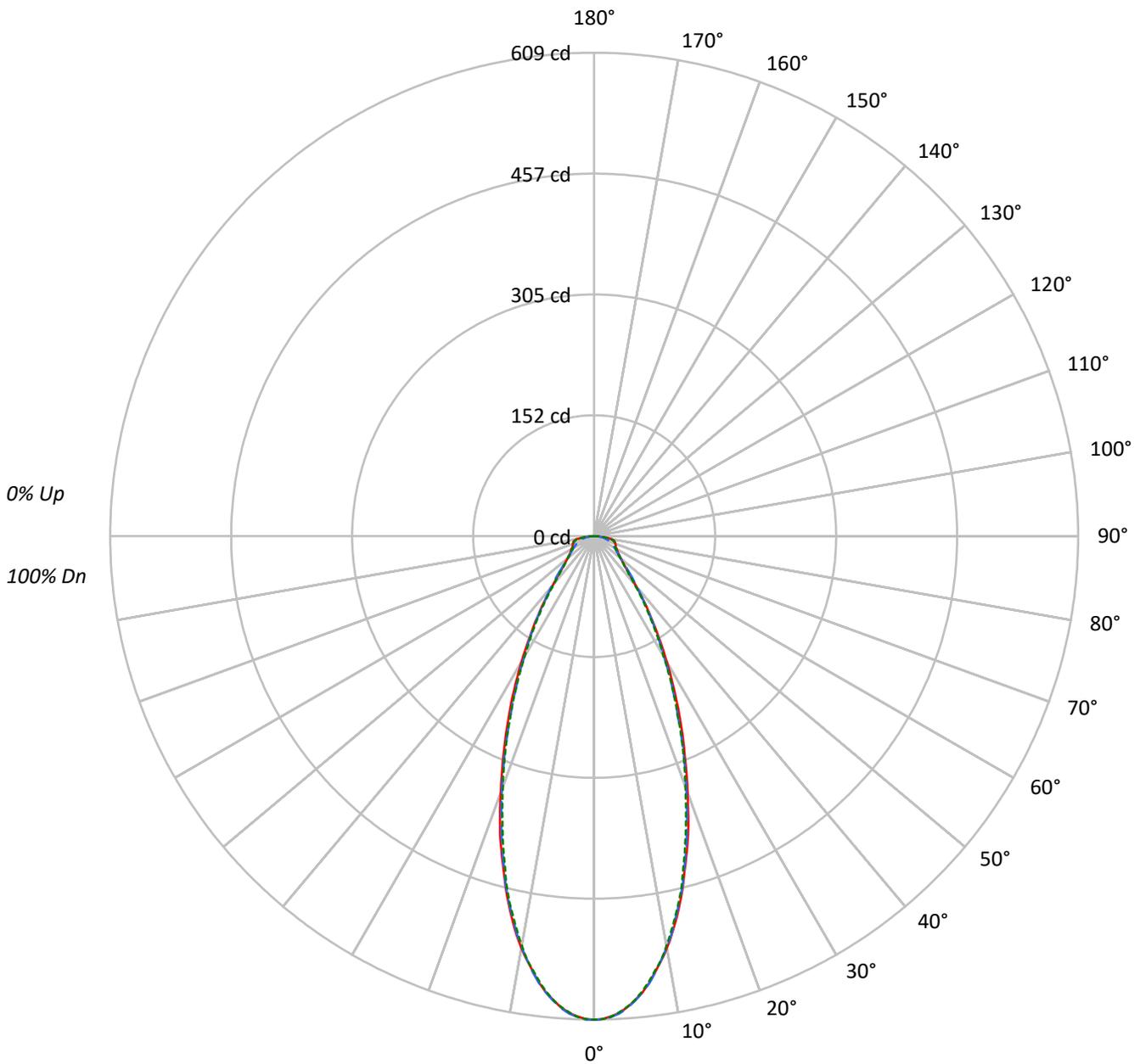
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 26.4 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): 19.1
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	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	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	133586	133586	133586
5°	129187	129364	129187
10°	117366	117188	116676
15°	99615	99274	98411
20°	80204	79130	78407
25°	61987	60149	60149
30°	46235	44690	44285
35°	33274	32873	32043
40°	23272	23931	22413
45°	17366	18327	16901
50°	14908	14908	14669
55°	14069	13495	13801
60°	14473	13113	13815
65°	15514	13127	15151
70°	18208	13784	17695
75°	22791	14318	22113
80°	29044	15532	26140
85°	23147	15347	23147

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 29044 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.1	10.7
10°-20°	120.7	24.0
20°-30°	115.3	22.9
30°-40°	77.5	15.4
40°-50°	45.5	9.0
50°-60°	32.5	6.5
60°-70°	27.1	5.4
70°-80°	22.2	4.4
80°-90°	9.1	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°	290.2	57.6
0°-40°	367.6	72.9
0°-60°	445.6	88.4
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	609	609	609	609	609	
5°	587	588	588	587	587	54
15°	439	440	437	434	434	122
25°	256	253	249	249	249	118
35°	124	124	123	120	120	79
45°	56	58	59	56	54	45
55°	37	36	35	35	36	33
65°	30	27	25	27	29	30
75°	27	21	17	21	26	28
85°	9	10	6	10	9	10
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	609.2	609.2	609.2	609.2	609.2
1°	608.4	609.2	609.2	608.4	608.4
2°	605.3	606.9	606.1	605.3	606.1
3°	601.5	603.0	602.3	601.5	600.7
4°	595.3	596.9	596.1	594.6	594.6
5°	586.9	588.4	587.7	586.9	586.9
6°	578.5	580.0	578.5	576.9	576.9
7°	567.0	569.3	567.7	566.2	565.4
8°	553.9	556.2	554.7	553.9	552.4
9°	540.9	542.4	540.1	540.1	540.1
10°	527.1	527.8	526.3	524.0	524.0
11°	511.7	511.0	510.2	508.7	507.1
12°	494.8	494.8	492.5	491.0	490.2
13°	477.2	476.4	474.9	473.4	473.4
14°	458.8	458.8	457.3	454.2	455.0
15°	438.8	439.6	437.3	434.2	433.5
17.5°	393.6	392.0	388.2	385.9	383.6
20°	343.7	342.9	339.1	336.8	336.0
22.5°	297.7	296.9	293.1	290.8	292.3
25°	256.2	253.2	248.6	248.6	248.6
27.5°	217.9	214.0	211.0	209.4	211.0
30°	182.6	179.5	176.5	175.7	174.9
32.5°	151.1	149.6	148.1	145.8	145.8
35°	124.3	124.3	122.8	120.5	119.7
37.5°	101.3	102.0	101.3	99.0	98.2
40°	81.3	82.9	83.6	81.3	78.3
42.5°	66.7	69.0	70.6	66.7	64.4
45°	56.0	57.5	59.1	56.0	54.5
47.5°	49.1	49.9	50.6	48.3	47.6
50°	43.7	43.7	43.7	43.0	43.0
52.5°	39.9	39.9	39.1	38.4	38.4
55°	36.8	36.1	35.3	35.3	36.1
57.5°	34.5	33.8	32.2	33.0	33.8
60°	33.0	31.5	29.9	30.7	31.5
62.5°	30.7	29.2	27.6	28.4	29.9
65°	29.9	26.9	25.3	26.9	29.2
67.5°	29.2	25.3	23.0	25.3	28.4
70°	28.4	23.8	21.5	23.8	27.6
72.5°	27.6	22.2	19.2	22.2	26.9
75°	26.9	20.7	16.9	20.7	26.1
77.5°	25.3	19.2	14.6	19.2	23.8
80°	23.0	17.6	12.3	16.9	20.7
82.5°	16.9	14.6	10.0	14.6	15.3
85°	9.2	10.0	6.1	10.0	9.2
87.5°	0.8	1.5	1.5	4.6	3.1



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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)