

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: P1285016

Luminaire Tested: P3AS13R35B2750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285016
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

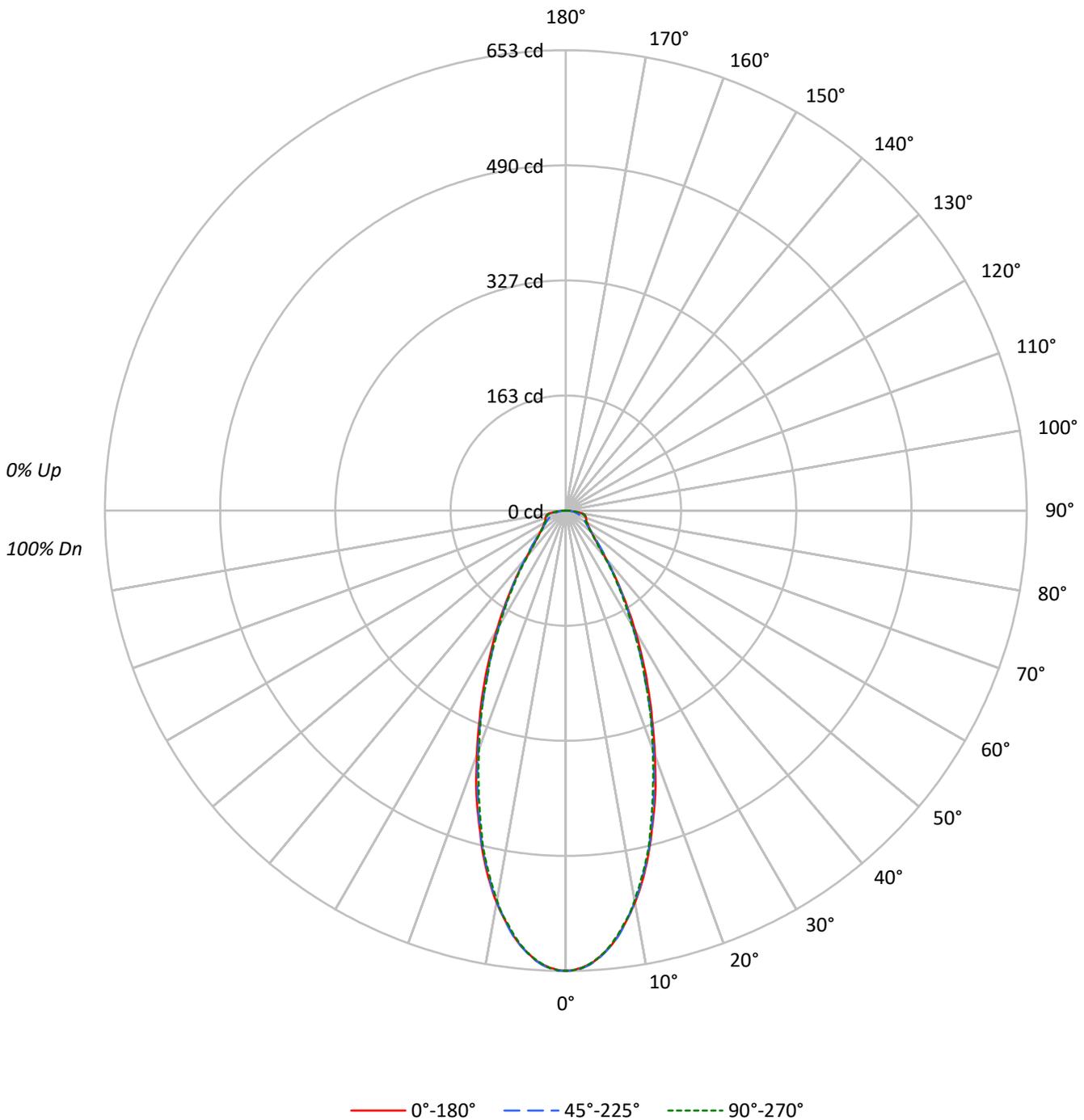
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 540.0 lumens
Efficiency: N/A
Efficacy: 28.3 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): 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





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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°	143124	143124	143124
5°	138410	138608	138410
10°	125738	125560	125003
15°	106743	106357	105426
20°	85944	84777	84007
25°	66415	64431	64431
30°	49527	47881	47450
35°	35657	35202	34318
40°	24932	25648	23988
45°	18607	19630	18110
50°	15999	15999	15692
55°	15101	14451	14757
60°	15481	14078	14780
65°	16655	14061	16189
70°	19490	14746	18978
75°	24400	15335	23638
80°	31191	16669	28034
85°	24908	16605	24908

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 31191 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.0	10.7
10°-20°	129.4	24.0
20°-30°	123.5	22.9
30°-40°	83.0	15.4
40°-50°	48.7	9.0
50°-60°	34.8	6.5
60°-70°	29.0	5.4
70°-80°	23.8	4.4
80°-90°	9.8	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°	310.9	57.6
0°-40°	393.9	72.9
0°-60°	477.4	88.4
0°-90°	540.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	540.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	653	653	653	653	653	
5°	629	630	630	629	629	58
15°	470	471	468	465	464	130
25°	274	271	266	266	266	126
35°	133	133	132	129	128	84
45°	60	62	63	60	58	48
55°	40	39	38	38	39	36
65°	32	29	27	29	31	32
75°	29	22	18	22	28	30
85°	10	11	7	11	10	11
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	652.7	652.7	652.7	652.7	652.7
1°	651.8	652.7	652.7	651.8	651.8
2°	648.6	650.2	649.4	648.6	649.4
3°	644.5	646.1	645.3	644.5	643.6
4°	637.9	639.5	638.7	637.1	637.1
5°	628.8	630.5	629.7	628.8	628.8
6°	619.8	621.4	619.8	618.1	618.1
7°	607.5	609.9	608.3	606.6	605.8
8°	593.5	596.0	594.3	593.5	591.8
9°	579.5	581.2	578.7	578.7	578.7
10°	564.7	565.5	563.9	561.4	561.4
11°	548.3	547.5	546.6	545.0	543.3
12°	530.2	530.2	527.7	526.1	525.3
13°	511.3	510.5	508.8	507.2	507.2
14°	491.6	491.6	489.9	486.6	487.4
15°	470.2	471.0	468.5	465.3	464.4
17.5°	421.7	420.0	415.9	413.5	411.0
20°	368.3	367.4	363.3	360.9	360.0
22.5°	318.9	318.1	314.0	311.5	313.2
25°	274.5	271.3	266.3	266.3	266.3
27.5°	233.4	229.3	226.1	224.4	226.1
30°	195.6	192.3	189.1	188.2	187.4
32.5°	161.9	160.3	158.6	156.2	156.2
35°	133.2	133.2	131.5	129.1	128.2
37.5°	108.5	109.3	108.5	106.0	105.2
40°	87.1	88.8	89.6	87.1	83.8
42.5°	71.5	74.0	75.6	71.5	69.0
45°	60.0	61.7	63.3	60.0	58.4
47.5°	52.6	53.4	54.3	51.8	51.0
50°	46.9	46.9	46.9	46.0	46.0
52.5°	42.7	42.7	41.9	41.1	41.1
55°	39.5	38.6	37.8	37.8	38.6
57.5°	37.0	36.2	34.5	35.3	36.2
60°	35.3	33.7	32.1	32.9	33.7
62.5°	32.9	31.2	29.6	30.4	32.1
65°	32.1	28.8	27.1	28.8	31.2
67.5°	31.2	27.1	24.7	27.1	30.4
70°	30.4	25.5	23.0	25.5	29.6
72.5°	29.6	23.8	20.6	23.8	28.8
75°	28.8	22.2	18.1	22.2	27.9
77.5°	27.1	20.6	15.6	20.6	25.5
80°	24.7	18.9	13.2	18.1	22.2
82.5°	18.1	15.6	10.7	15.6	16.4
85°	9.9	10.7	6.6	10.7	9.9
87.5°	0.8	1.6	1.6	4.9	3.3



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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)