

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: P1334862

Luminaire Tested: P3A02R25B2750DE010 E3A301GPH_3000K

Issue Date: 2/13/2026

Test Information

Test Method: LM-79-2019
Report Number: P1334862
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-61)
Test Lab: INNOVATION CENTER
Issue Date: 2/13/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R25B2750DE010 E3A301GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3A301GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

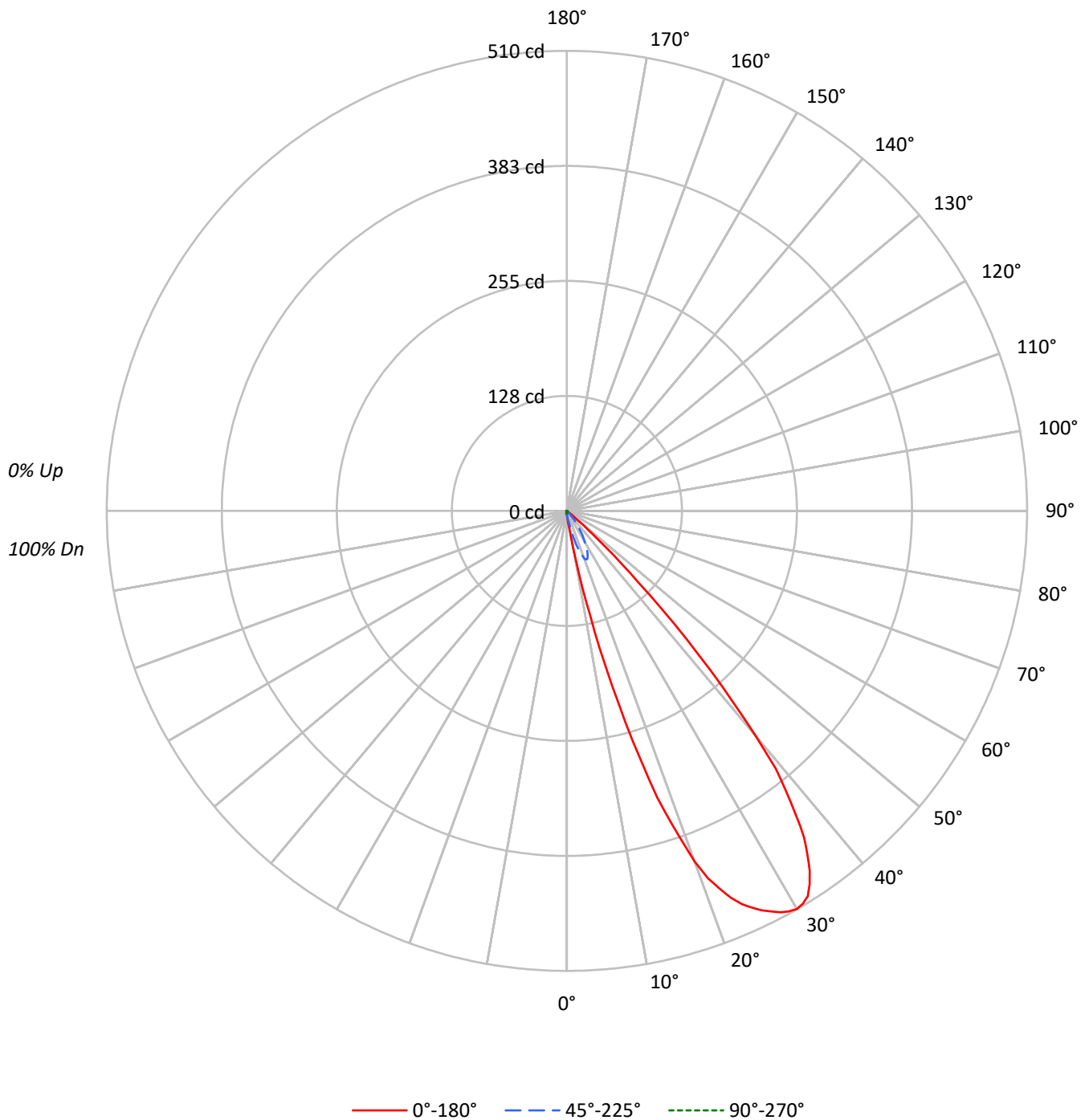
Lumens per Lamp: N/A
Luminaire Lumens: 102.1 lumens
Efficiency: N/A
Efficacy: 35.2 lumens/watt
Spacing Criteria (0/90/45): 2.36 / 0.51 / 1.27
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 2.9
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
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	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	93	93	92
2	106	100	95	92	103	98	94	90	95	92	88	92	89	87	89	87	85	85	85	83
3	99	92	86	81	97	90	85	81	87	83	79	85	81	78	83	79	77	77	77	75
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	69	69	68
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	63	63	61
6	81	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	57	57	55
7	76	65	58	53	74	64	57	52	63	57	52	61	56	52	60	55	51	51	51	50
8	71	60	52	48	69	59	52	47	58	52	47	57	51	47	56	50	47	47	47	45
9	66	55	48	43	65	54	48	43	53	47	43	52	47	43	51	46	42	42	42	41
10	62	51	44	39	61	50	43	39	49	43	39	48	43	39	48	42	39	39	39	37

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°	135°	180°
0°	965	965	965	965	965
5°	2399	1783	902	462	352
10°	10532	3028	735	223	156
15°	50080	8173	522	91	68
20°	96398	13091	327	23	23
25°	117418	13186	194	0	0
30°	129083	10103	76	0	0
35°	124397	6425	27	0	0
40°	92946	2777	0	0	29
45°	34422	744	31	31	93
50°	4060	102	68	68	136
55°	382	0	76	115	191
60°	44	0	132	175	219
65°	52	52	208	259	311
70°	64	64	256	256	385
75°	85	85	254	254	339
80°	0	126	379	253	379
85°	0	252	755	252	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34422 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.6	0.6
10°-20°	11.9	11.7
20°-30°	37.3	36.6
30°-40°	39.3	38.5
40°-50°	11.5	11.3
50°-60°	0.6	0.6
60°-70°	0.3	0.3
70°-80°	0.3	0.3
80°-90°	0.1	0.1
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°	49.9	48.9
0°-40°	89.2	87.4
0°-60°	101.3	99.3
0°-90°	102.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	102.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	4	4	4	4	4	
5°	11	8	4	2	2	2
15°	221	36	2	0	0	70
25°	485	54	1	0	0	223
35°	465	24	0	0	0	280
45°	111	2	0	0	0	101
55°	1	0	0	0	0	3
65°	0	0	0	0	1	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	45°	67.5°	90°	112.5°
0°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
2.5°	6.8	6.9	6.6	6.8	6.6	6.5	6.4	5.9	5.1	4.4	3.6
5°	10.9	10.9	10.5	10.4	10.2	9.8	9.4	8.1	5.8	4.1	2.9
7.5°	17.1	17.0	16.8	16.4	15.4	14.5	13.5	10.6	6.4	3.8	2.2
10°	47.3	46.6	45.8	40.6	34.8	29.7	25.2	13.6	6.9	3.3	1.6
12.5°	117.5	113.7	104.7	94.4	81.3	67.5	54.0	22.2	7.0	2.8	1.1
15°	220.6	212.7	198.6	178.1	151.2	121.1	95.4	36.0	6.9	2.3	0.9
17.5°	333.1	325.5	306.0	274.7	235.3	188.9	143.4	47.7	6.4	1.9	0.6
20°	413.1	405.0	386.8	353.6	310.9	249.1	188.8	56.1	6.0	1.4	0.3
21°	436.5	428.4	409.1	377.1	332.2	270.3	203.4	57.5	5.7	1.2	0.2
22°	451.4	446.6	425.9	394.8	349.1	287.2	215.8	58.1	5.5	1.1	0.2
23°	466.3	459.2	439.8	407.0	361.9	299.8	225.1	57.7	5.3	1.0	0.1
24°	477.4	471.4	448.8	416.5	370.9	307.5	230.5	56.4	5.0	0.9	0.1
25°	485.3	479.7	456.2	422.8	376.9	311.7	232.2	54.5	4.8	0.8	0.1
26°	492.8	486.8	462.4	426.5	380.0	313.0	230.6	52.4	4.5	0.7	0.0
27°	498.2	492.1	466.7	428.7	380.2	311.4	226.2	49.6	4.2	0.6	0.0
28°	504.0	497.0	469.7	430.0	379.1	307.6	219.9	46.5	4.0	0.5	0.0
29°	507.5	500.9	472.7	431.3	376.7	301.2	210.8	42.9	3.5	0.3	0.0
30°	509.8	501.9	472.4	429.9	373.5	294.4	199.9	39.9	3.0	0.3	0.0
31°	507.9	499.6	469.4	425.9	368.5	285.4	188.6	36.1	2.5	0.2	0.0
32°	503.8	494.0	464.0	418.9	359.4	273.9	177.0	32.9	1.8	0.2	0.0
33°	493.8	485.5	454.4	409.6	347.6	258.3	161.9	29.9	1.2	0.1	0.0
34°	481.3	473.0	441.3	397.1	331.8	238.1	143.5	26.7	1.0	0.1	0.0
35°	464.7	456.5	426.4	379.7	310.9	213.8	124.6	24.0	0.9	0.1	0.0
36°	447.3	436.4	407.7	361.2	282.8	186.2	104.3	20.8	0.7	0.1	0.0
37°	421.7	414.4	382.5	332.9	252.5	159.8	89.6	18.0	0.5	0.1	0.0
38°	395.1	388.4	357.3	304.4	218.6	133.6	75.0	15.2	0.4	0.0	0.0
39°	367.7	356.5	325.8	268.0	183.1	111.9	63.1	12.8	0.2	0.0	0.0
40°	324.7	316.1	283.3	224.2	151.5	90.7	53.8	9.7	0.2	0.0	0.0
42.5°	215.3	207.3	172.8	121.6	80.5	53.0	35.5	3.8	0.0	0.1	0.0
45°	111.0	105.9	86.0	63.7	45.7	32.5	22.8	2.4	0.0	0.1	0.1
47.5°	44.1	43.2	39.0	33.7	26.0	19.3	12.5	1.0	0.0	0.1	0.1
50°	11.9	12.0	11.2	10.4	9.4	8.9	5.2	0.3	0.0	0.2	0.1
52.5°	5.0	5.1	4.9	4.7	4.2	3.1	2.1	0.1	0.1	0.2	0.2
55°	1.0	1.1	1.2	1.3	1.5	1.3	0.9	0.0	0.1	0.2	0.2
57.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.0	0.1	0.2	0.3
60°	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.3	0.3
62.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.4
65°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.4
67.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.4
70°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.4
72.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.4	0.3
75°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.2



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	45°	67.5°	90°	112.5°
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	135°	157.5°	180°
0°	4.4	4.4	4.4
2.5°	3.0	2.8	2.7
5°	2.1	1.8	1.6
7.5°	1.4	1.1	1.0
10°	1.0	0.8	0.7
12.5°	0.7	0.4	0.4
15°	0.4	0.3	0.3
17.5°	0.2	0.1	0.1
20°	0.1	0.1	0.1
21°	0.0	0.0	0.0
22°	0.0	0.0	0.0
23°	0.0	0.0	0.0
24°	0.0	0.0	0.0
25°	0.0	0.0	0.0
26°	0.0	0.0	0.0
27°	0.0	0.0	0.0
28°	0.0	0.0	0.0
29°	0.0	0.0	0.0
30°	0.0	0.0	0.0
31°	0.0	0.0	0.0
32°	0.0	0.0	0.0
33°	0.0	0.0	0.0
34°	0.0	0.0	0.0
35°	0.0	0.0	0.0
36°	0.0	0.0	0.0
37°	0.0	0.0	0.0
38°	0.0	0.0	0.1
39°	0.0	0.1	0.1
40°	0.0	0.1	0.1
42.5°	0.0	0.1	0.2
45°	0.1	0.2	0.3
47.5°	0.2	0.3	0.4
50°	0.2	0.4	0.4
52.5°	0.3	0.4	0.5
55°	0.3	0.5	0.5
57.5°	0.4	0.5	0.6
60°	0.4	0.5	0.5
62.5°	0.4	0.6	0.6
65°	0.5	0.6	0.6
67.5°	0.5	0.6	0.6
70°	0.4	0.5	0.6
72.5°	0.4	0.5	0.5
75°	0.3	0.4	0.4
77.5°	0.3	0.3	0.4
80°	0.2	0.3	0.3



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CANDELA DISTRIBUTION (continued):

	135°	157.5°	180°
82.5°	0.2	0.2	0.2
85°	0.1	0.1	0.1
87.5°	0.1	0.1	0.1
90°	0.0	0.0	0.0

(END OF REPORT)