

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: P1283278

Luminaire Tested: P3AS09R35B2750DE010 E3PH1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283278
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35B2750DE010 E3PH1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

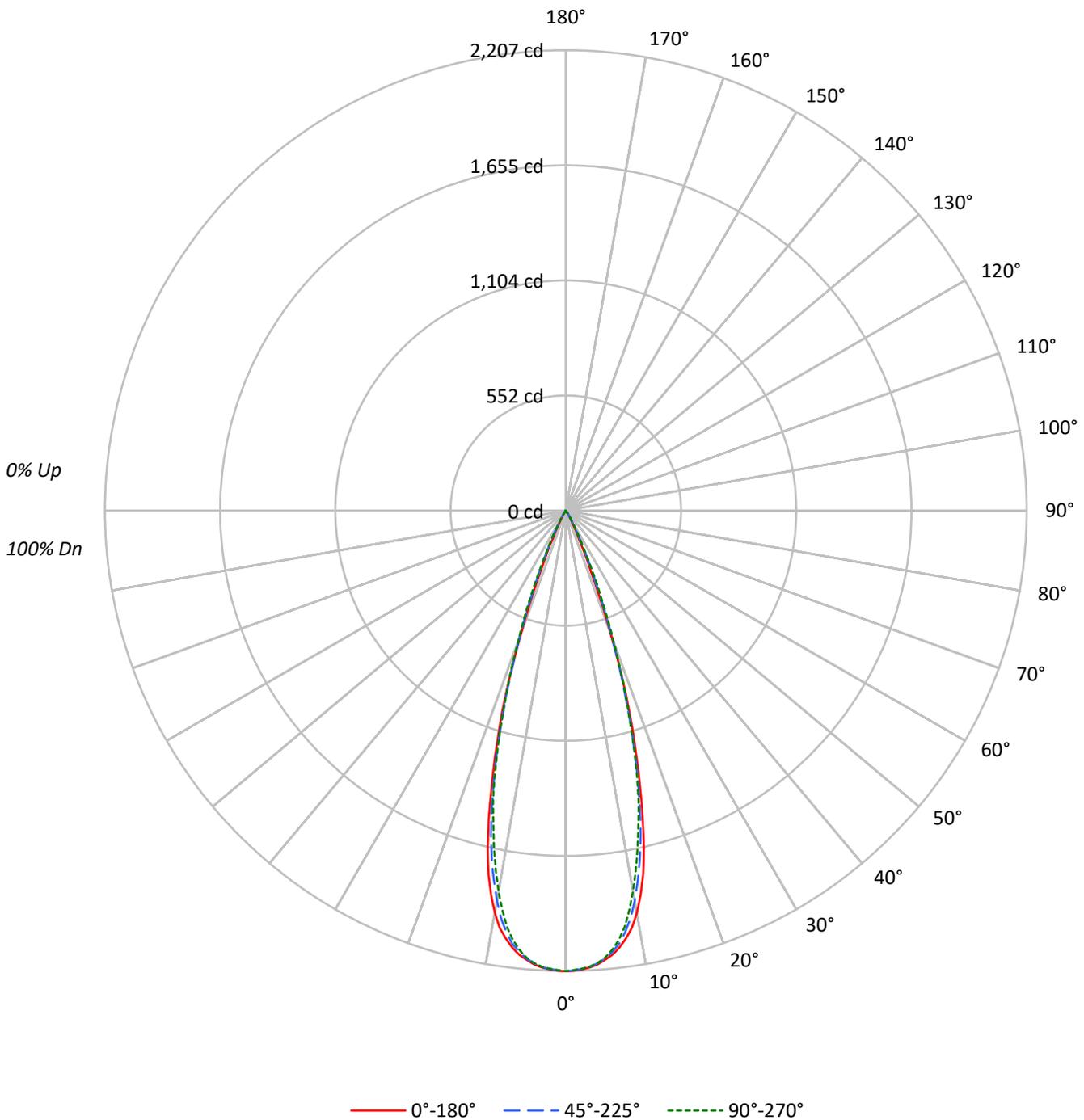
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 670.0 lumens
Efficiency: N/A
Efficacy: 51.1 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
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





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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	484040	484040	484040
5°	475720	474707	473695
10°	435997	422882	412618
15°	312192	302249	298572
20°	144773	149743	154993
25°	34357	48874	50955
30°	10077	11546	13015
35°	2329	3721	3400
40°	487	1002	658
45°	186	186	186
50°	205	0	205
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 52.5°
 Luminance: 216 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	198.2	29.6
10°-20°	354.3	52.9
20°-30°	106.6	15.9
30°-40°	10.2	1.5
40°-50°	0.7	0.1
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	659.1	98.4
0°-40°	669.3	99.9
0°-60°	670.0	100.0
0°-90°	670.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	670.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2207	2207	2207	2207	2207	
5°	2161	2161	2157	2154	2152	200
15°	1375	1365	1331	1326	1315	363
25°	142	156	202	211	211	91
35°	9	12	14	15	13	8
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2207.4	2207.4	2207.4	2207.4	2207.4
1°	2206.3	2206.3	2205.1	2205.1	2202.8
2°	2201.1	2201.6	2199.3	2198.8	2197.0
3°	2193.0	2191.3	2191.3	2190.1	2189.0
4°	2180.3	2176.8	2175.7	2176.3	2173.9
5°	2161.2	2160.7	2156.6	2153.7	2152.0
6°	2140.5	2136.4	2127.8	2120.3	2118.5
7°	2109.3	2100.7	2093.2	2077.6	2075.3
8°	2071.2	2057.4	2041.2	2019.3	2018.1
9°	2024.5	2002.0	1979.5	1950.0	1939.6
10°	1958.1	1937.3	1899.2	1873.3	1853.1
11°	1875.6	1849.6	1805.2	1774.0	1757.3
12°	1782.1	1757.9	1705.9	1677.6	1654.0
13°	1662.1	1641.9	1593.4	1562.2	1543.7
14°	1523.0	1508.0	1461.8	1448.0	1441.6
15°	1375.2	1364.8	1331.4	1325.6	1315.2
17.5°	1012.2	994.9	975.9	979.3	982.8
20°	620.4	644.6	641.7	654.4	664.2
22.5°	309.3	340.5	376.8	398.8	409.7
25°	142.0	156.4	202.0	210.6	210.6
27.5°	71.6	75.0	95.2	97.0	101.6
30°	39.8	42.7	45.6	50.8	51.4
32.5°	20.2	23.7	24.8	27.7	26.5
35°	8.7	11.5	13.9	15.0	12.7
37.5°	4.0	5.2	7.5	6.9	5.2
40°	1.7	2.3	3.5	2.9	2.3
42.5°	1.2	1.2	1.7	1.2	1.2
45°	0.6	0.6	0.6	0.6	0.6
47.5°	0.6	0.6	0.0	0.6	0.6
50°	0.6	0.0	0.0	0.0	0.6
52.5°	0.6	0.0	0.0	0.0	0.6
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)