

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: P1281555

Luminaire Tested: P3AS05R35B2750DE010 E3PH1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281555
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: P3AS05R35B2750DE010 E3PH1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

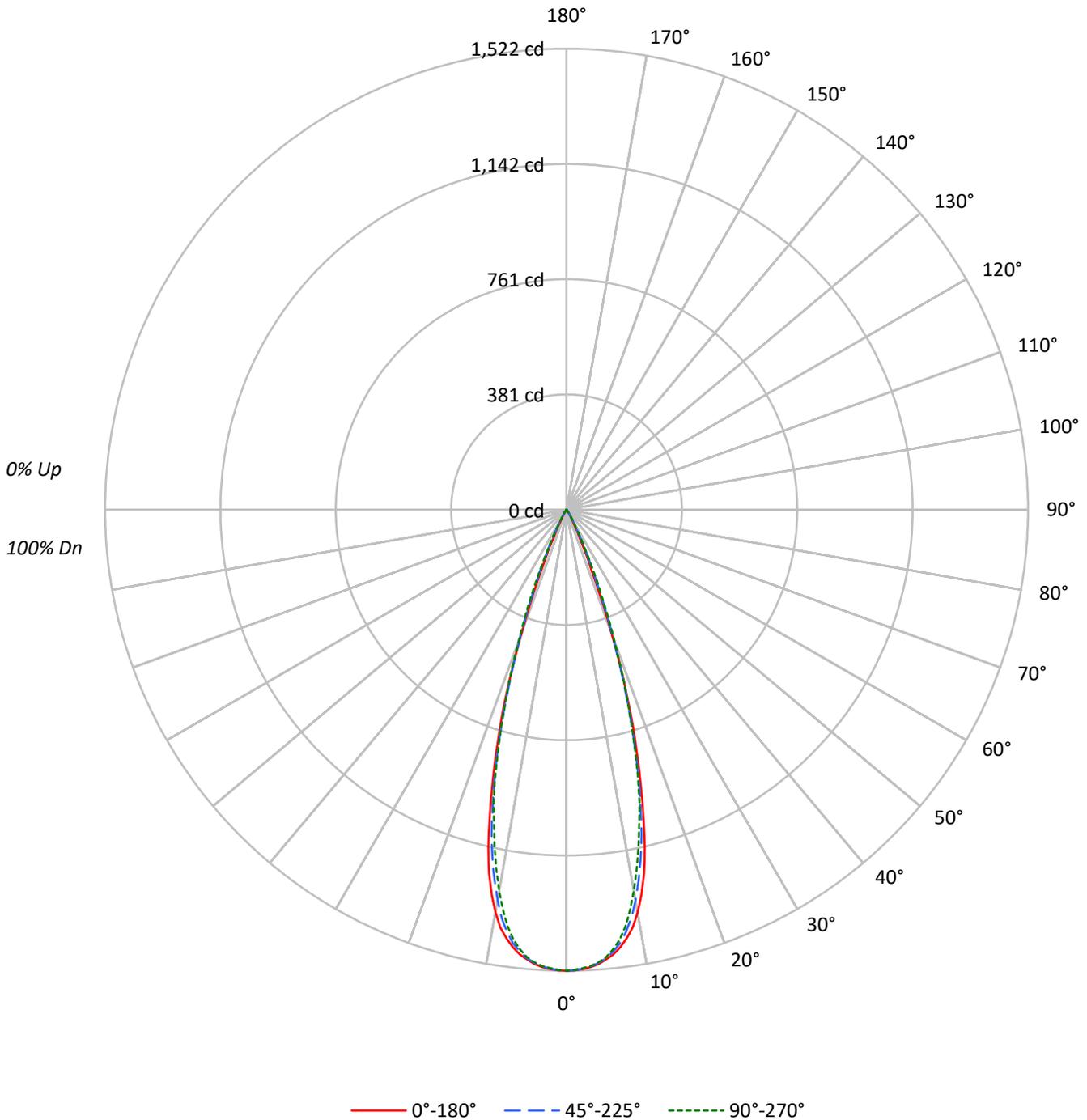
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 462.0 lumens
Efficiency: N/A
Efficacy: 78.3 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): 5.9
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	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	100	99	98	100	
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	93	
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	95	93	92	90	
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	93	90	89	87	
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	90	88	86	85	
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	88	85	83	82	
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	85	83	81	80	
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	83	80	78	77	
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	81	78	76	75	
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	81	78	76	75	
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	79	76	74	73	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	333767	333767	333767
5°	328042	327338	326634
10°	300640	291600	284519
15°	215279	208423	205881
20°	99829	103259	106876
25°	23687	33704	35131
30°	6963	7951	8963
35°	1606	2570	2356
40°	344	687	458
45°	124	124	124
50°	136	0	136
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: 144 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.7	29.6
10°-20°	244.3	52.9
20°-30°	73.5	15.9
30°-40°	7.0	1.5
40°-50°	0.5	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°	454.5	98.4
0°-40°	461.5	99.9
0°-60°	462.0	100.0
0°-90°	462.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	462.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1522	1522	1522	1522	1522	
5°	1490	1490	1487	1485	1484	138
15°	948	941	918	914	907	250
25°	98	108	139	145	145	63
35°	6	8	10	10	9	6
45°	0	0	0	0	0	0
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°	1522.1	1522.1	1522.1	1522.1	1522.1
1°	1521.3	1521.3	1520.5	1520.5	1518.9
2°	1517.8	1518.2	1516.6	1516.2	1515.0
3°	1512.2	1511.0	1511.0	1510.2	1509.4
4°	1503.4	1501.0	1500.2	1500.6	1499.0
5°	1490.3	1489.9	1487.1	1485.1	1483.9
6°	1476.0	1473.2	1467.2	1462.0	1460.8
7°	1454.5	1448.5	1443.3	1432.6	1431.0
8°	1428.2	1418.7	1407.5	1392.4	1391.6
9°	1396.0	1380.5	1364.9	1344.6	1337.5
10°	1350.2	1335.9	1309.6	1291.7	1277.8
11°	1293.3	1275.4	1244.8	1223.3	1211.7
12°	1228.8	1212.1	1176.3	1156.8	1140.5
13°	1146.1	1132.1	1098.7	1077.2	1064.5
14°	1050.2	1039.8	1008.0	998.4	994.1
15°	948.3	941.1	918.1	914.1	906.9
17.5°	698.0	686.1	672.9	675.3	677.7
20°	427.8	444.5	442.5	451.3	458.0
22.5°	213.3	234.8	259.9	275.0	282.5
25°	97.9	107.8	139.3	145.2	145.2
27.5°	49.3	51.7	65.7	66.9	70.0
30°	27.5	29.4	31.4	35.0	35.4
32.5°	13.9	16.3	17.1	19.1	18.3
35°	6.0	8.0	9.6	10.3	8.8
37.5°	2.8	3.6	5.2	4.8	3.6
40°	1.2	1.6	2.4	2.0	1.6
42.5°	0.8	0.8	1.2	0.8	0.8
45°	0.4	0.4	0.4	0.4	0.4
47.5°	0.4	0.4	0.0	0.4	0.4
50°	0.4	0.0	0.0	0.0	0.4
52.5°	0.4	0.0	0.0	0.0	0.4
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)