

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: P1281552

Luminaire Tested: P3AS05R35B2750DE010 E3PH1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281552
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_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

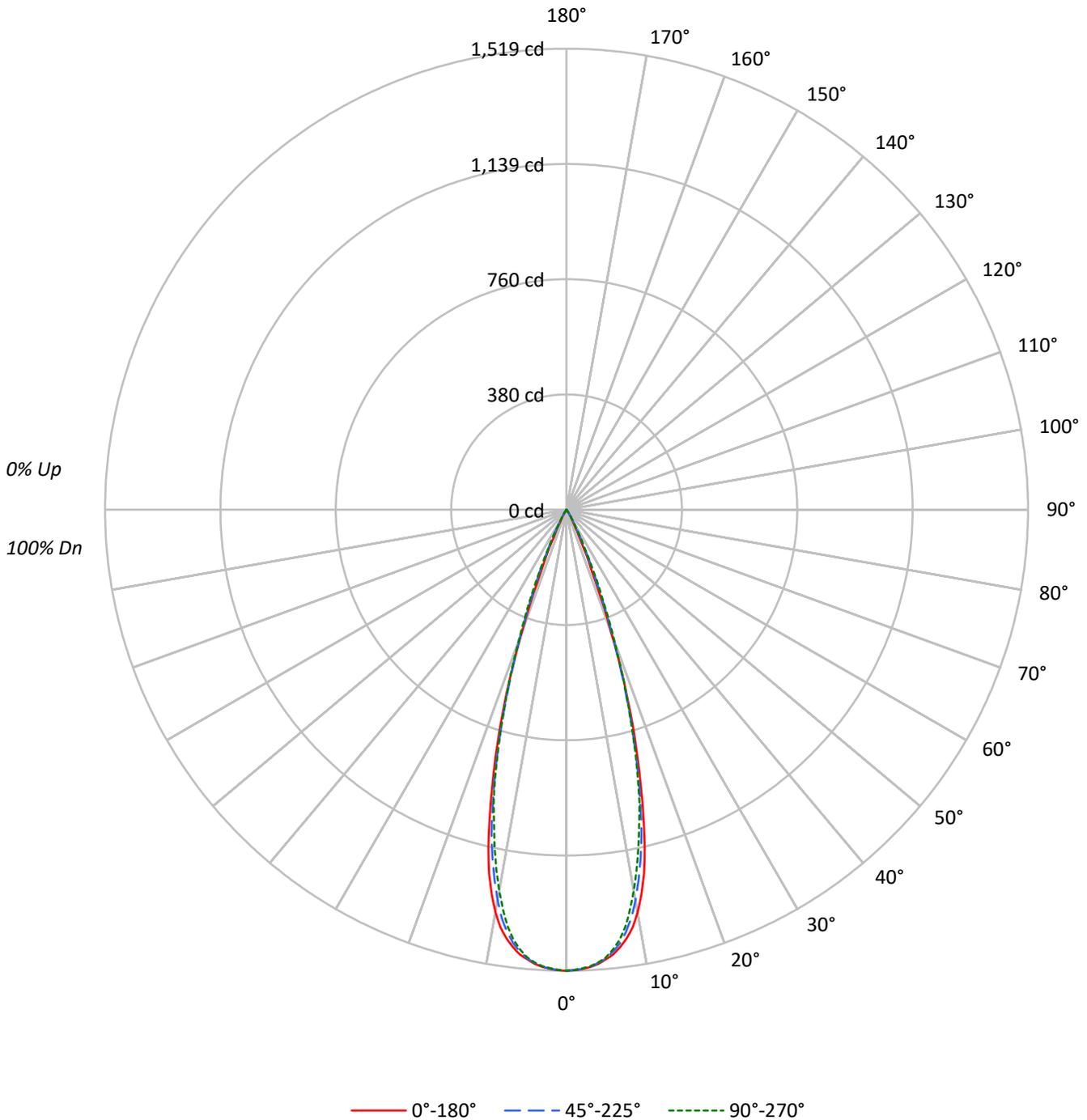
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 461.0 lumens
Efficiency: N/A
Efficacy: 78.1 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): 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

TEST NUMBER: P1281552
CATALOG NUMBER: P3AS05R35B2750DE010 E3PH1MW_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1281552
 CATALOG NUMBER: P3AS05R35B2750DE010 E3PH1MW_2700K

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	100	100	100	
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	97	97	97	
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	95	95	95	95	
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	93	93	93	93	
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	93	90	89	87	
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	90	88	86	85	
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	88	85	83	82	
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	85	83	81	80	
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	83	80	78	77	
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°	333043	333043	333043
5°	327338	326634	325929
10°	299994	290977	283896
15°	214803	207969	205427
20°	99619	103049	106643
25°	23638	33631	35058
30°	6938	7951	8938
35°	1606	2543	2329
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



TEST NUMBER: P1281552

CATALOG NUMBER: P3AS05R35B2750DE010 E3PH1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.4	29.6
10°-20°	243.8	52.9
20°-30°	73.3	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°	453.5	98.4
0°-40°	460.5	99.9
0°-60°	461.0	100.0
0°-90°	461.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	461.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1519	1519	1519	1519	1519	
5°	1487	1487	1484	1482	1481	138
15°	946	939	916	912	905	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



TEST NUMBER: P1281552
 CATALOG NUMBER: P3AS05R35B2750DE010 E3PH1MW_2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1518.8	1518.8	1518.8	1518.8	1518.8
1°	1518.0	1518.0	1517.2	1517.2	1515.7
2°	1514.5	1514.9	1513.3	1512.9	1511.7
3°	1508.9	1507.7	1507.7	1506.9	1506.1
4°	1500.2	1497.8	1497.0	1497.4	1495.8
5°	1487.1	1486.7	1483.9	1481.9	1480.7
6°	1472.8	1470.0	1464.0	1458.9	1457.7
7°	1451.3	1445.4	1440.2	1429.5	1427.9
8°	1425.1	1415.6	1404.5	1389.4	1388.6
9°	1393.0	1377.5	1362.0	1341.7	1334.6
10°	1347.3	1333.0	1306.8	1288.9	1275.0
11°	1290.5	1272.6	1242.1	1220.6	1209.1
12°	1226.2	1209.5	1173.8	1154.3	1138.0
13°	1143.6	1129.7	1096.3	1074.9	1062.2
14°	1047.9	1037.6	1005.8	996.3	991.9
15°	946.2	939.1	916.1	912.1	904.9
17.5°	696.5	684.6	671.5	673.8	676.2
20°	426.9	443.5	441.6	450.3	457.0
22.5°	212.8	234.3	259.3	274.4	281.9
25°	97.7	107.6	139.0	144.9	144.9
27.5°	49.2	51.6	65.5	66.7	69.9
30°	27.4	29.4	31.4	34.9	35.3
32.5°	13.9	16.3	17.1	19.1	18.3
35°	6.0	7.9	9.5	10.3	8.7
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



TEST NUMBER: P1281552
CATALOG NUMBER: P3AS05R35B2750DE010 E3PH1MW_2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)