

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: P1281562

Luminaire Tested: P3AS05R35B2750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281562
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: P3AS05R35B2750DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

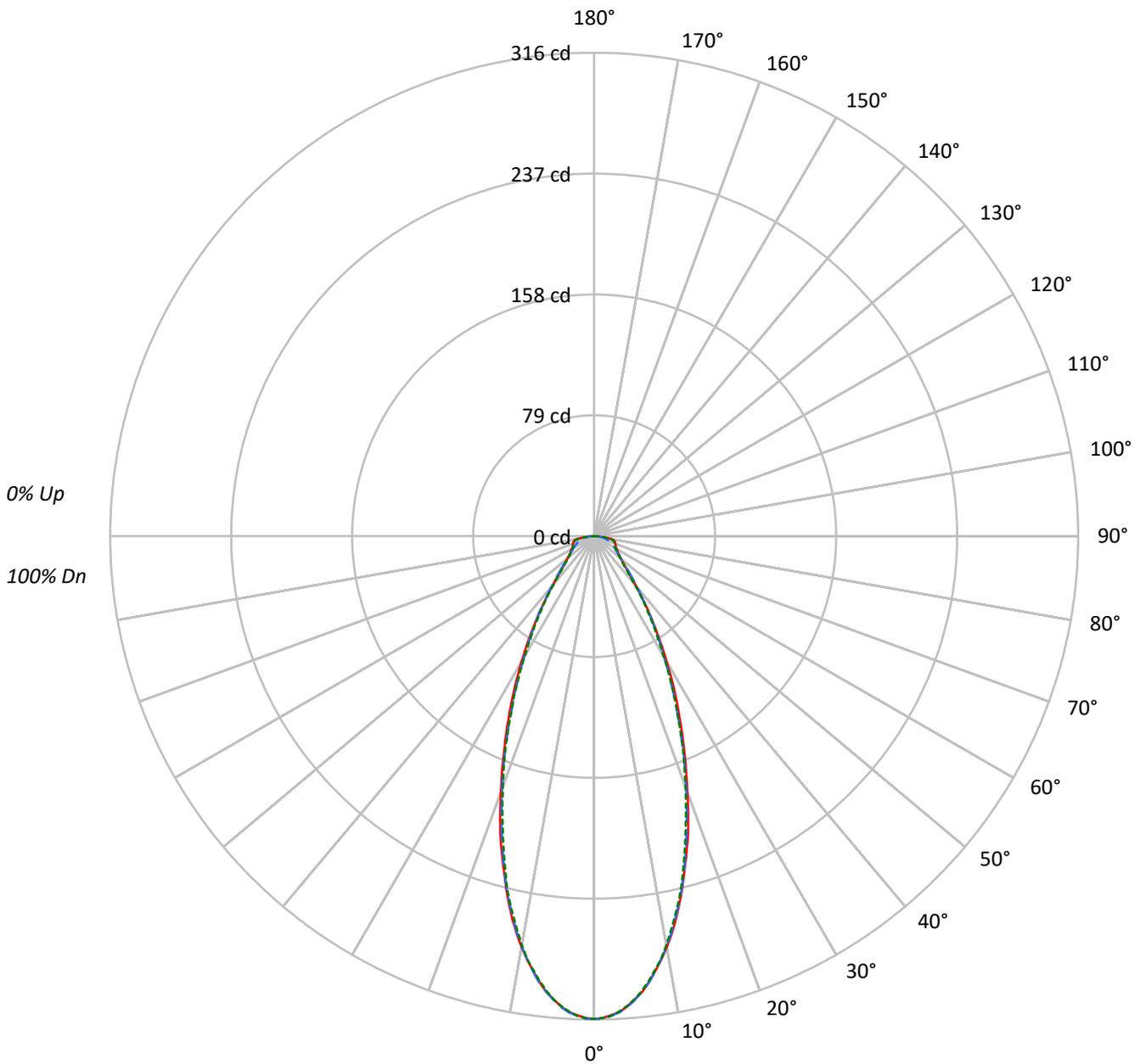
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 261.0 lumens
Efficiency: N/A
Efficacy: 44.2 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): 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: P1281562
CATALOG NUMBER: P3AS05R35B2750DE010 E3PHLP1MW_2700K

Luminous Intensity Polar Plot



0% Up
100% Dn

— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1281562

CATALOG NUMBER: P3AS05R35B2750DE010 E3PHLP1MW_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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89		
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	79		
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72		
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65		
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	66	62	60		
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56		
7	77	66	60	55	76	66	59	55	64	58	54	63	58	54	62	57	54	52		
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	49		
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	46		
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	69183	69183	69183
5°	66894	66982	66894
10°	60765	60676	60431
15°	51601	51419	50965
20°	41537	40977	40604
25°	32107	31139	31139
30°	23953	23143	22940
35°	17239	17025	16597
40°	12051	12395	11593
45°	8993	9489	8745
50°	7710	7710	7573
55°	7302	6996	7149
60°	7499	6798	7149
65°	8042	6797	7835
70°	9425	7117	9168
75°	11777	7371	11438
80°	15027	8082	13512
85°	12077	8051	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 15027 cd/sqm



TEST NUMBER: P1281562

CATALOG NUMBER: P3AS05R35B2750DE010 E3PHLP1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	10.7
10°-20°	62.5	24.0
20°-30°	59.7	22.9
30°-40°	40.1	15.4
40°-50°	23.5	9.0
50°-60°	16.9	6.5
60°-70°	14.0	5.4
70°-80°	11.5	4.4
80°-90°	4.7	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°	150.3	57.6
0°-40°	190.4	72.9
0°-60°	230.8	88.4
0°-90°	261.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	261.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	316	316	316	316	316	
5°	304	305	304	304	304	28
15°	227	228	226	225	224	63
25°	133	131	129	129	129	61
35°	64	64	64	62	62	41
45°	29	30	31	29	28	23
55°	19	19	18	18	19	17
65°	16	14	13	14	15	15
75°	14	11	9	11	14	14
85°	5	5	3	5	5	5
90°	0	0	0	0	0	



TEST NUMBER: P1281562

CATALOG NUMBER: P3AS05R35B2750DE010 E3PHLP1MW_2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	315.5	315.5	315.5	315.5	315.5
1°	315.1	315.5	315.5	315.1	315.1
2°	313.5	314.3	313.9	313.5	313.9
3°	311.5	312.3	311.9	311.5	311.1
4°	308.3	309.1	308.7	307.9	307.9
5°	303.9	304.7	304.3	303.9	303.9
6°	299.6	300.4	299.6	298.8	298.8
7°	293.6	294.8	294.0	293.2	292.8
8°	286.9	288.0	287.2	286.9	286.1
9°	280.1	280.9	279.7	279.7	279.7
10°	272.9	273.3	272.5	271.4	271.4
11°	265.0	264.6	264.2	263.4	262.6
12°	256.3	256.3	255.1	254.3	253.9
13°	247.1	246.7	245.9	245.1	245.1
14°	237.6	237.6	236.8	235.2	235.6
15°	227.3	227.7	226.5	224.9	224.5
17.5°	203.8	203.0	201.0	199.8	198.7
20°	178.0	177.6	175.6	174.4	174.0
22.5°	154.2	153.8	151.8	150.6	151.4
25°	132.7	131.1	128.7	128.7	128.7
27.5°	112.8	110.8	109.3	108.5	109.3
30°	94.6	93.0	91.4	91.0	90.6
32.5°	78.3	77.5	76.7	75.5	75.5
35°	64.4	64.4	63.6	62.4	62.0
37.5°	52.4	52.8	52.4	51.3	50.9
40°	42.1	42.9	43.3	42.1	40.5
42.5°	34.6	35.8	36.6	34.6	33.4
45°	29.0	29.8	30.6	29.0	28.2
47.5°	25.4	25.8	26.2	25.0	24.6
50°	22.6	22.6	22.6	22.2	22.2
52.5°	20.7	20.7	20.3	19.9	19.9
55°	19.1	18.7	18.3	18.3	18.7
57.5°	17.9	17.5	16.7	17.1	17.5
60°	17.1	16.3	15.5	15.9	16.3
62.5°	15.9	15.1	14.3	14.7	15.5
65°	15.5	13.9	13.1	13.9	15.1
67.5°	15.1	13.1	11.9	13.1	14.7
70°	14.7	12.3	11.1	12.3	14.3
72.5°	14.3	11.5	9.9	11.5	13.9
75°	13.9	10.7	8.7	10.7	13.5
77.5°	13.1	9.9	7.5	9.9	12.3
80°	11.9	9.1	6.4	8.7	10.7
82.5°	8.7	7.5	5.2	7.5	7.9
85°	4.8	5.2	3.2	5.2	4.8
87.5°	0.4	0.8	0.8	2.4	1.6



TEST NUMBER: P1281562
CATALOG NUMBER: P3AS05R35B2750DE010 E3PHLP1MW_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)