

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: P1300746

Luminaire Tested: P3A17R35W2N902765DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300746
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: P3A17R35W2N902765DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

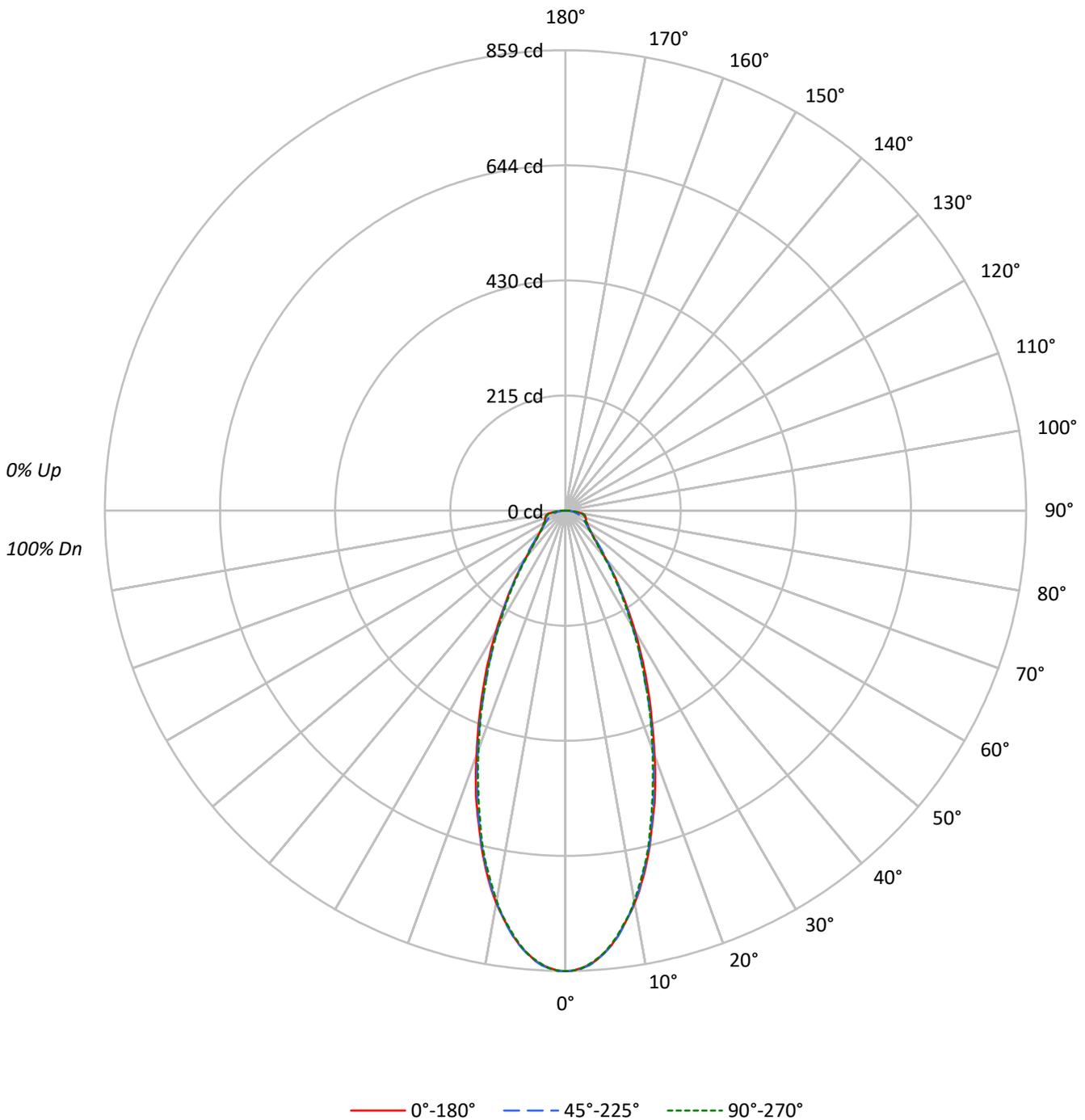
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 711.0 lumens
Efficiency: N/A
Efficacy: 36.7 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): 19.4
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: P1300746
CATALOG NUMBER: P3A17R35W2N902765DE010 E3PHLP1MW_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1300746
 CATALOG NUMBER: P3A17R35W2N902765DE010 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	0
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	65	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	54	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°	188428	188428	188428
5°	182258	182478	182258
10°	165550	165328	164593
15°	140546	140046	138820
20°	113153	111636	110610
25°	87465	84852	84852
30°	65225	63022	62491
35°	46926	46364	45186
40°	32833	33778	31602
45°	24499	25832	23816
50°	21048	21048	20673
55°	19880	19039	19459
60°	20393	18507	19472
65°	21896	18523	21325
70°	25645	19426	25004
75°	32110	20164	31178
80°	41041	21846	36873
85°	32708	21889	32708

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 41041 cd/sqm



TEST NUMBER: P1300746

CATALOG NUMBER: P3A17R35W2N902765DE010 E3PHLP1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.3	10.7
10°-20°	170.3	24.0
20°-30°	162.7	22.9
30°-40°	109.3	15.4
40°-50°	64.1	9.0
50°-60°	45.9	6.5
60°-70°	38.2	5.4
70°-80°	31.3	4.4
80°-90°	12.9	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°	409.3	57.6
0°-40°	518.6	72.9
0°-60°	628.6	88.4
0°-90°	711.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	711.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	859	859	859	859	859	
5°	828	830	829	828	828	76
15°	619	620	617	613	612	172
25°	362	357	351	351	351	166
35°	175	175	173	170	169	111
45°	79	81	83	79	77	63
55°	52	51	50	50	51	47
65°	42	38	36	38	41	42
75°	38	29	24	29	37	39
85°	13	14	9	14	13	15
90°	0	0	0	0	0	



TEST NUMBER: P1300746

CATALOG NUMBER: P3A17R35W2N902765DE010 E3PHLP1MW_2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	859.3	859.3	859.3	859.3	859.3
1°	858.3	859.3	859.3	858.3	858.3
2°	853.9	856.1	855.0	853.9	855.0
3°	848.5	850.7	849.6	848.5	847.4
4°	839.9	842.0	841.0	838.8	838.8
5°	828.0	830.1	829.0	828.0	828.0
6°	816.1	818.2	816.1	813.9	813.9
7°	799.8	803.1	800.9	798.7	797.7
8°	781.4	784.7	782.5	781.4	779.3
9°	763.0	765.2	761.9	761.9	761.9
10°	743.5	744.6	742.5	739.2	739.2
11°	721.9	720.8	719.7	717.6	715.4
12°	698.1	698.1	694.8	692.7	691.6
13°	673.2	672.1	669.9	667.8	667.8
14°	647.2	647.2	645.1	640.7	641.8
15°	619.1	620.2	616.9	612.6	611.5
17.5°	555.2	553.1	547.6	544.4	541.2
20°	484.9	483.8	478.4	475.1	474.0
22.5°	419.9	418.9	413.4	410.2	412.4
25°	361.5	357.2	350.7	350.7	350.7
27.5°	307.4	302.0	297.6	295.5	297.6
30°	257.6	253.3	248.9	247.8	246.8
32.5°	213.2	211.0	208.9	205.6	205.6
35°	175.3	175.3	173.2	169.9	168.8
37.5°	142.9	143.9	142.9	139.6	138.5
40°	114.7	116.9	118.0	114.7	110.4
42.5°	94.2	97.4	99.6	94.2	90.9
45°	79.0	81.2	83.3	79.0	76.8
47.5°	69.3	70.3	71.4	68.2	67.1
50°	61.7	61.7	61.7	60.6	60.6
52.5°	56.3	56.3	55.2	54.1	54.1
55°	52.0	50.9	49.8	49.8	50.9
57.5°	48.7	47.6	45.5	46.5	47.6
60°	46.5	44.4	42.2	43.3	44.4
62.5°	43.3	41.1	39.0	40.0	42.2
65°	42.2	37.9	35.7	37.9	41.1
67.5°	41.1	35.7	32.5	35.7	40.0
70°	40.0	33.6	30.3	33.6	39.0
72.5°	39.0	31.4	27.1	31.4	37.9
75°	37.9	29.2	23.8	29.2	36.8
77.5°	35.7	27.1	20.6	27.1	33.6
80°	32.5	24.9	17.3	23.8	29.2
82.5°	23.8	20.6	14.1	20.6	21.6
85°	13.0	14.1	8.7	14.1	13.0
87.5°	1.1	2.2	2.2	6.5	4.3



TEST NUMBER: P1300746
CATALOG NUMBER: P3A17R35W2N902765DE010 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)