

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: P1300580

Luminaire Tested: P3A17R35W2N902750DE010 E3PHLP1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300580
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: P3A17R35W2N902750DE010 E3PHLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

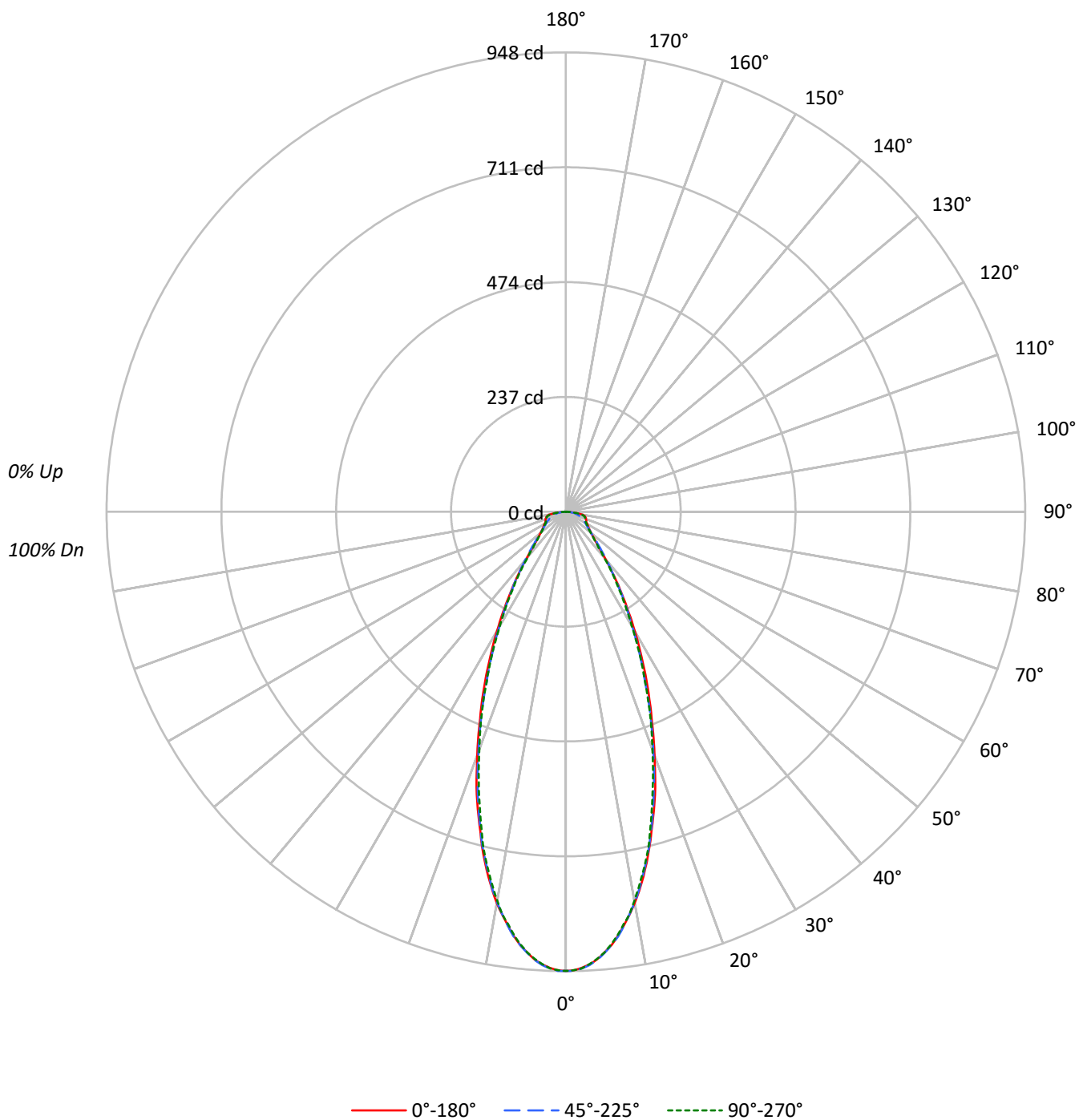
Lumens per Lamp: N/A
Luminaire Lumens: 784.0 lumens
Efficiency: N/A
Efficacy: 40.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	111	107	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	207790	207790	207790
5°	200968	201232	200968
10°	182562	182295	181493
15°	154961	154439	153077
20°	124774	123094	121974
25°	96441	93562	93562
30°	71910	69504	68897
35°	51745	51102	49844
40°	36211	37241	34837
45°	27011	28499	26266
50°	23198	23198	22788
55°	21906	20989	21447
60°	22498	20393	21446
65°	24127	20443	23556
70°	28338	21414	27569
75°	35414	22282	34398
80°	45208	24119	40662
85°	35978	23902	35978

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 45208 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.2	10.7
10°-20°	187.8	24.0
20°-30°	179.4	22.9
30°-40°	120.5	15.4
40°-50°	70.7	9.0
50°-60°	50.6	6.5
60°-70°	42.1	5.4
70°-80°	34.5	4.4
80°-90°	14.2	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°	451.4	57.6
0°-40°	571.8	72.9
0°-60°	693.1	88.4
0°-90°	784.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	784.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	948	948	948	948	948	
5°	913	915	914	913	913	84
15°	683	684	680	676	674	189
25°	399	394	387	387	387	183
35°	193	193	191	187	186	122
45°	87	90	92	87	85	70
55°	57	56	55	55	56	52
65°	46	42	39	42	45	46
75°	42	32	26	32	41	43
85°	14	16	10	16	14	16
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	947.6	947.6	947.6	947.6	947.6
1°	946.4	947.6	947.6	946.4	946.4
2°	941.6	944.0	942.8	941.6	942.8
3°	935.6	938.0	936.8	935.6	934.5
4°	926.1	928.5	927.3	924.9	924.9
5°	913.0	915.4	914.2	913.0	913.0
6°	899.8	902.2	899.8	897.5	897.5
7°	881.9	885.5	883.1	880.7	879.6
8°	861.7	865.2	862.8	861.7	859.3
9°	841.4	843.8	840.2	840.2	840.2
10°	819.9	821.1	818.7	815.1	815.1
11°	796.0	794.8	793.6	791.2	788.9
12°	769.8	769.8	766.2	763.8	762.6
13°	742.3	741.1	738.7	736.3	736.3
14°	713.7	713.7	711.3	706.5	707.7
15°	682.6	683.8	680.3	675.5	674.3
17.5°	612.2	609.8	603.9	600.3	596.7
20°	534.7	533.5	527.5	523.9	522.7
22.5°	463.0	461.9	455.9	452.3	454.7
25°	398.6	393.8	386.7	386.7	386.7
27.5°	338.9	333.0	328.2	325.8	328.2
30°	284.0	279.3	274.5	273.3	272.1
32.5°	235.1	232.7	230.3	226.8	226.8
35°	193.3	193.3	190.9	187.4	186.2
37.5°	157.5	158.7	157.5	154.0	152.8
40°	126.5	128.9	130.1	126.5	121.7
42.5°	103.8	107.4	109.8	103.8	100.2
45°	87.1	89.5	91.9	87.1	84.7
47.5°	76.4	77.6	78.8	75.2	74.0
50°	68.0	68.0	68.0	66.8	66.8
52.5°	62.1	62.1	60.9	59.7	59.7
55°	57.3	56.1	54.9	54.9	56.1
57.5°	53.7	52.5	50.1	51.3	52.5
60°	51.3	48.9	46.5	47.7	48.9
62.5°	47.7	45.4	43.0	44.2	46.5
65°	46.5	41.8	39.4	41.8	45.4
67.5°	45.4	39.4	35.8	39.4	44.2
70°	44.2	37.0	33.4	37.0	43.0
72.5°	43.0	34.6	29.8	34.6	41.8
75°	41.8	32.2	26.3	32.2	40.6
77.5°	39.4	29.8	22.7	29.8	37.0
80°	35.8	27.4	19.1	26.3	32.2
82.5°	26.3	22.7	15.5	22.7	23.9
85°	14.3	15.5	9.5	15.5	14.3
87.5°	1.2	2.4	2.4	7.2	4.8



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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)