

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: P1289196

Luminaire Tested: P3A05R35W2N902750DE010 E3PHLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289196
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: P3A05R35W2N902750DE010 E3PHLP1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

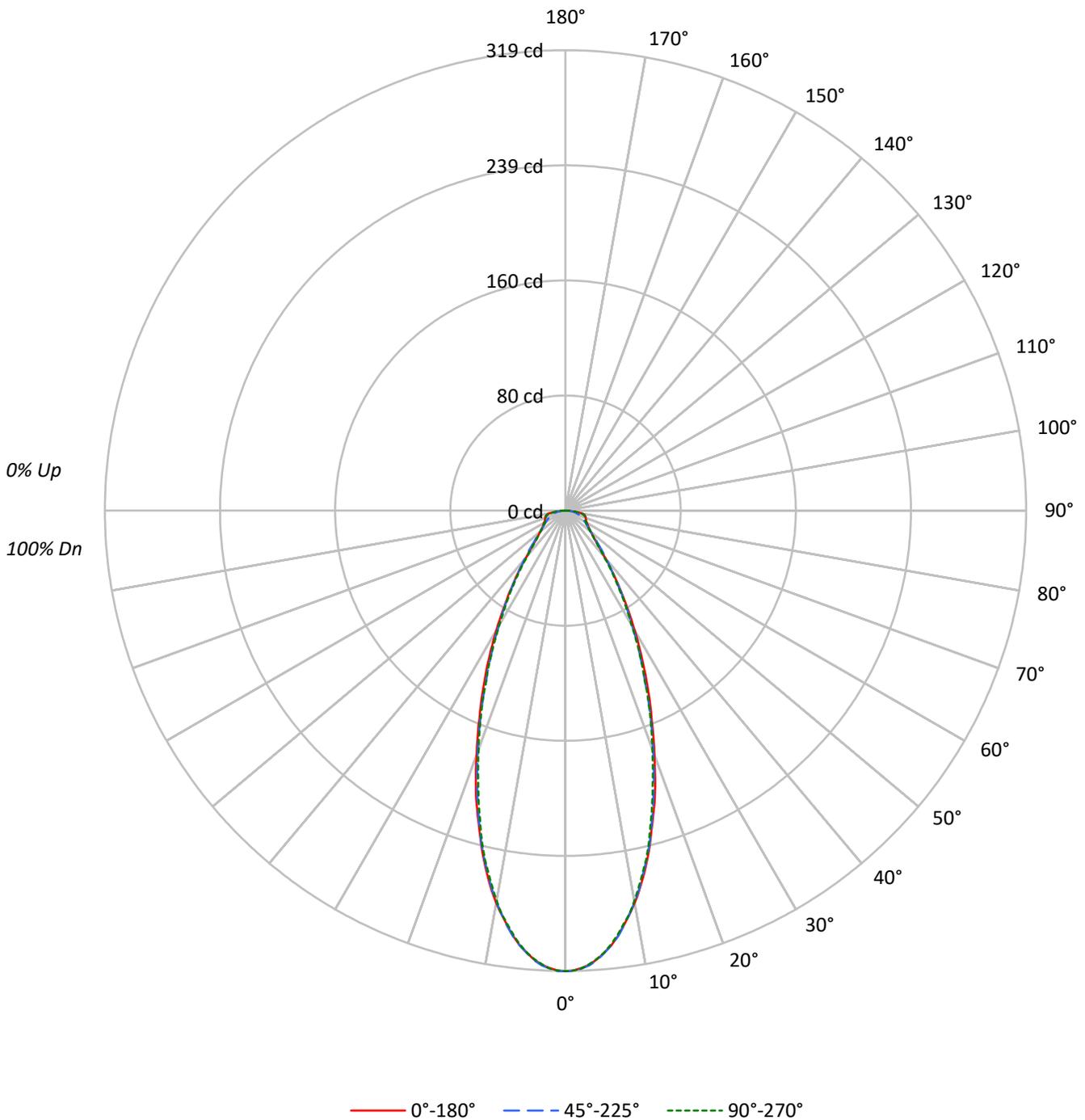
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 264.0 lumens
Efficiency: N/A
Efficacy: 44.7 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): 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			100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	89			89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	79			79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72			72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	65			65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	60			60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	56			56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	52			52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	49			49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	46			46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43			43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	69972	69972	69972
5°	67664	67752	67664
10°	61477	61388	61121
15°	52191	52009	51555
20°	42004	41444	41070
25°	32470	31502	31502
30°	24206	23396	23193
35°	17427	17213	16784
40°	12194	12538	11736
45°	9086	9582	8838
50°	7812	7812	7676
55°	7378	7073	7226
60°	7587	6885	7236
65°	8146	6901	7939
70°	9553	7245	9296
75°	11946	7456	11607
80°	15280	8082	13764
85°	12077	8051	12077

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 15280 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.3	10.7
10°-20°	63.2	24.0
20°-30°	60.4	22.9
30°-40°	40.6	15.4
40°-50°	23.8	9.0
50°-60°	17.0	6.5
60°-70°	14.2	5.4
70°-80°	11.6	4.4
80°-90°	4.8	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°	152.0	57.6
0°-40°	192.5	72.9
0°-60°	233.4	88.4
0°-90°	264.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	264.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	319	319	319	319	319	
5°	307	308	308	307	307	28
15°	230	230	229	228	227	64
25°	134	133	130	130	130	62
35°	65	65	64	63	63	41
45°	29	30	31	29	28	24
55°	19	19	18	18	19	18
65°	16	14	13	14	15	16
75°	14	11	9	11	14	15
85°	5	5	3	5	5	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	319.1	319.1	319.1	319.1	319.1
1°	318.7	319.1	319.1	318.7	318.7
2°	317.1	317.9	317.5	317.1	317.5
3°	315.1	315.9	315.5	315.1	314.7
4°	311.8	312.7	312.3	311.4	311.4
5°	307.4	308.2	307.8	307.4	307.4
6°	303.0	303.8	303.0	302.2	302.2
7°	297.0	298.2	297.4	296.6	296.2
8°	290.1	291.4	290.6	290.1	289.3
9°	283.3	284.1	282.9	282.9	282.9
10°	276.1	276.5	275.7	274.5	274.5
11°	268.0	267.6	267.2	266.4	265.6
12°	259.2	259.2	258.0	257.2	256.8
13°	250.0	249.6	248.8	248.0	248.0
14°	240.3	240.3	239.5	237.9	238.3
15°	229.9	230.3	229.1	227.5	227.1
17.5°	206.2	205.4	203.3	202.1	200.9
20°	180.0	179.6	177.6	176.4	176.0
22.5°	155.9	155.5	153.5	152.3	153.1
25°	134.2	132.6	130.2	130.2	130.2
27.5°	114.1	112.1	110.5	109.7	110.5
30°	95.6	94.0	92.4	92.0	91.6
32.5°	79.2	78.4	77.6	76.4	76.4
35°	65.1	65.1	64.3	63.1	62.7
37.5°	53.0	53.4	53.0	51.8	51.4
40°	42.6	43.4	43.8	42.6	41.0
42.5°	35.0	36.2	37.0	35.0	33.8
45°	29.3	30.1	30.9	29.3	28.5
47.5°	25.7	26.1	26.5	25.3	24.9
50°	22.9	22.9	22.9	22.5	22.5
52.5°	20.9	20.9	20.5	20.1	20.1
55°	19.3	18.9	18.5	18.5	18.9
57.5°	18.1	17.7	16.9	17.3	17.7
60°	17.3	16.5	15.7	16.1	16.5
62.5°	16.1	15.3	14.5	14.9	15.7
65°	15.7	14.1	13.3	14.1	15.3
67.5°	15.3	13.3	12.1	13.3	14.9
70°	14.9	12.5	11.3	12.5	14.5
72.5°	14.5	11.7	10.0	11.7	14.1
75°	14.1	10.9	8.8	10.9	13.7
77.5°	13.3	10.0	7.6	10.0	12.5
80°	12.1	9.2	6.4	8.8	10.9
82.5°	8.8	7.6	5.2	7.6	8.0
85°	4.8	5.2	3.2	5.2	4.8
87.5°	0.4	0.8	0.8	2.4	1.6



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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)