

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: P1289194

Luminaire Tested: P3A05R35W2N902750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289194
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

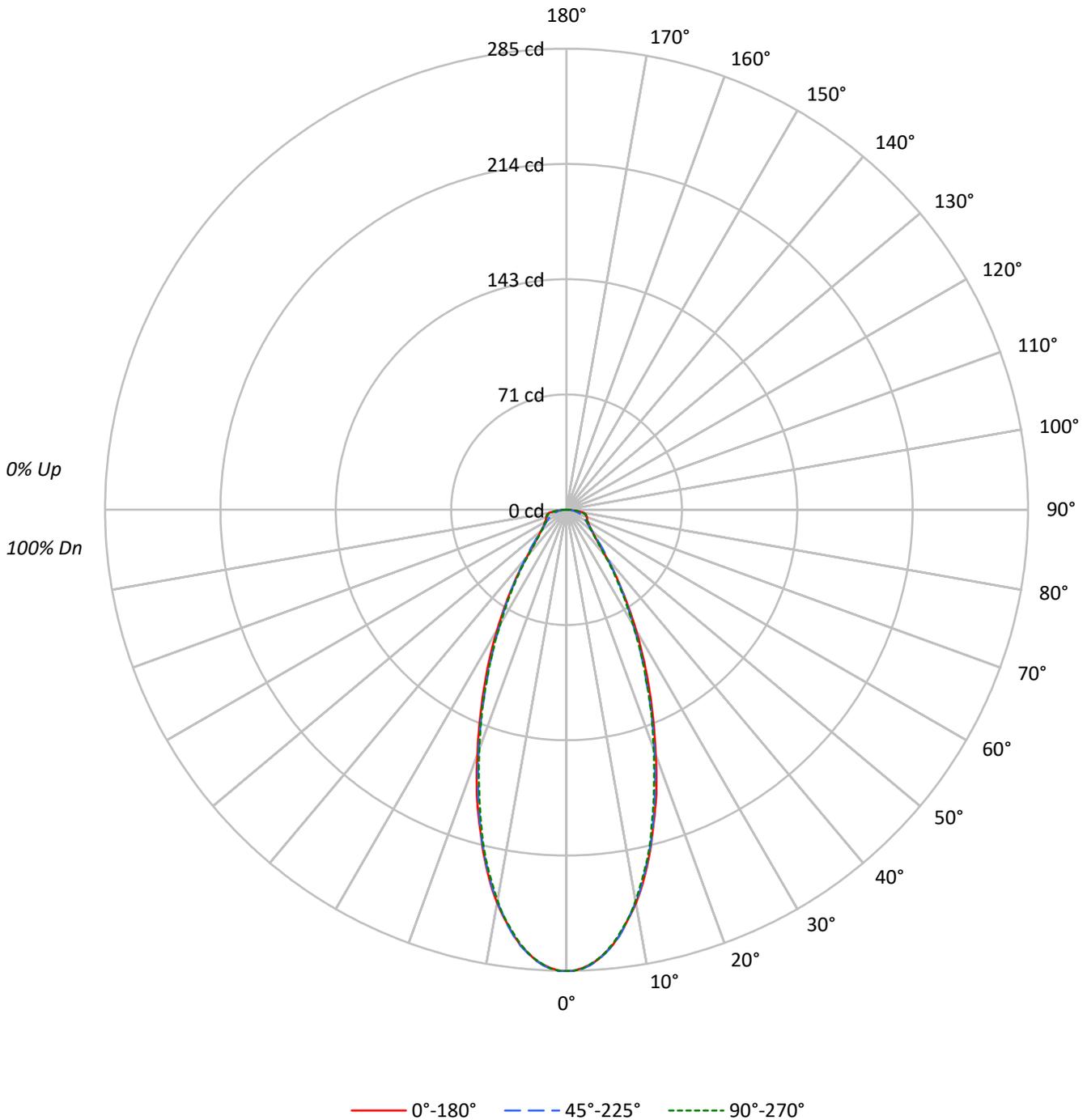
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 236.0 lumens
Efficiency: N/A
Efficacy: 40.0 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	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°	62539	62539	62539
5°	60489	60577	60489
10°	54953	54864	54642
15°	46652	46493	46084
20°	37547	37057	36707
25°	29034	28163	28163
30°	21649	20915	20737
35°	15580	15392	14991
40°	10906	11221	10477
45°	8125	8590	7908
50°	6993	6993	6857
55°	6576	6308	6461
60°	6754	6140	6447
65°	7264	6174	7108
70°	8527	6475	8271
75°	10675	6693	10336
80°	13638	7198	12249
85°	10819	7296	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 13638 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.3	10.7
10°-20°	56.5	24.0
20°-30°	54.0	22.9
30°-40°	36.3	15.4
40°-50°	21.3	9.0
50°-60°	15.2	6.4
60°-70°	12.7	5.4
70°-80°	10.4	4.4
80°-90°	4.3	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°	135.9	57.6
0°-40°	172.1	72.9
0°-60°	208.7	88.4
0°-90°	236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	236.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	285	285	285	285	285	
5°	275	276	275	275	275	25
15°	206	206	205	203	203	57
25°	120	119	116	116	116	55
35°	58	58	58	56	56	37
45°	26	27	28	26	26	21
55°	17	17	16	16	17	16
65°	14	13	12	13	14	14
75°	13	10	8	10	12	13
85°	4	5	3	5	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	285.2	285.2	285.2	285.2	285.2
1°	284.9	285.2	285.2	284.9	284.9
2°	283.4	284.2	283.8	283.4	283.8
3°	281.6	282.4	282.0	281.6	281.3
4°	278.8	279.5	279.1	278.4	278.4
5°	274.8	275.5	275.2	274.8	274.8
6°	270.9	271.6	270.9	270.2	270.2
7°	265.5	266.6	265.8	265.1	264.8
8°	259.4	260.5	259.7	259.4	258.7
9°	253.3	254.0	252.9	252.9	252.9
10°	246.8	247.2	246.4	245.4	245.4
11°	239.6	239.3	238.9	238.2	237.5
12°	231.7	231.7	230.6	229.9	229.6
13°	223.5	223.1	222.4	221.7	221.7
14°	214.8	214.8	214.1	212.7	213.0
15°	205.5	205.8	204.8	203.3	203.0
17.5°	184.3	183.6	181.8	180.7	179.6
20°	160.9	160.6	158.8	157.7	157.3
22.5°	139.4	139.0	137.2	136.2	136.9
25°	120.0	118.6	116.4	116.4	116.4
27.5°	102.0	100.2	98.8	98.1	98.8
30°	85.5	84.1	82.6	82.3	81.9
32.5°	70.8	70.1	69.3	68.3	68.3
35°	58.2	58.2	57.5	56.4	56.0
37.5°	47.4	47.8	47.4	46.3	46.0
40°	38.1	38.8	39.2	38.1	36.6
42.5°	31.3	32.3	33.1	31.3	30.2
45°	26.2	26.9	27.7	26.2	25.5
47.5°	23.0	23.4	23.7	22.6	22.3
50°	20.5	20.5	20.5	20.1	20.1
52.5°	18.7	18.7	18.3	18.0	18.0
55°	17.2	16.9	16.5	16.5	16.9
57.5°	16.2	15.8	15.1	15.4	15.8
60°	15.4	14.7	14.0	14.4	14.7
62.5°	14.4	13.7	12.9	13.3	14.0
65°	14.0	12.6	11.9	12.6	13.7
67.5°	13.7	11.9	10.8	11.9	13.3
70°	13.3	11.1	10.1	11.1	12.9
72.5°	12.9	10.4	9.0	10.4	12.6
75°	12.6	9.7	7.9	9.7	12.2
77.5°	11.9	9.0	6.8	9.0	11.1
80°	10.8	8.3	5.7	7.9	9.7
82.5°	7.9	6.8	4.7	6.8	7.2
85°	4.3	4.7	2.9	4.7	4.3
87.5°	0.4	0.7	0.7	2.2	1.4



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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)