

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: P1293160

Luminaire Tested: P3A09R35W2N902765DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293160
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: P3A09R35W2N902765DE010 E3PHLP1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

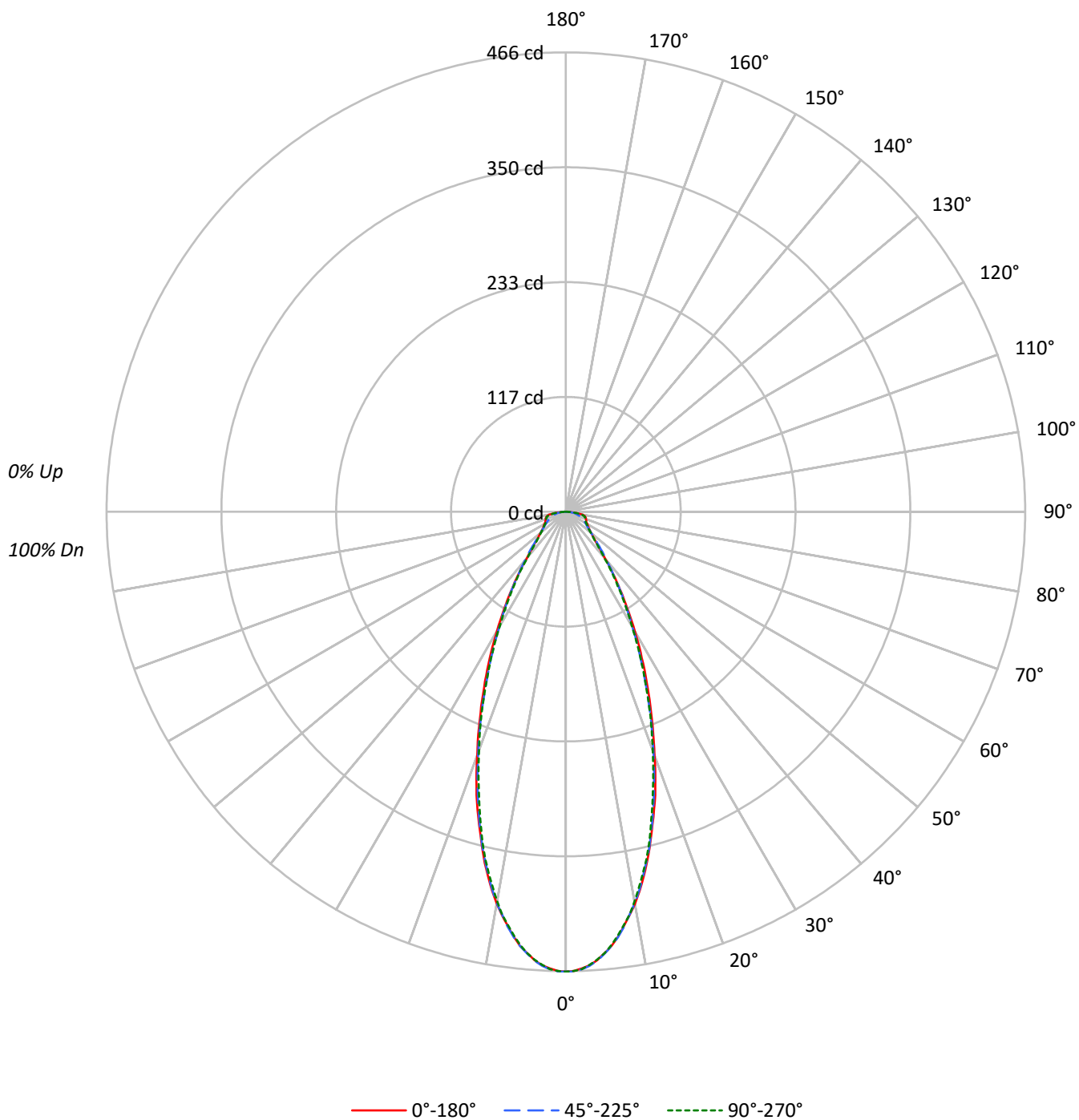
Lumens per Lamp: N/A
Luminaire Lumens: 386.0 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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°	102294	102294	102294
5°	98943	99075	98943
10°	89889	89756	89355
15°	76300	76028	75369
20°	61419	60602	60065
25°	47495	46067	46067
30°	35398	34208	33929
35°	25484	25163	24547
40°	17833	18320	17146
45°	13304	14017	12932
50°	11428	11428	11224
55°	10781	10322	10552
60°	11096	10043	10569
65°	11882	10066	11571
70°	13913	10579	13592
75°	17453	10929	16945
80°	22225	11870	20078
85°	17863	11825	17863

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 22225 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.4	10.7
10°-20°	92.5	24.0
20°-30°	88.3	22.9
30°-40°	59.3	15.4
40°-50°	34.8	9.0
50°-60°	24.9	6.5
60°-70°	20.7	5.4
70°-80°	17.0	4.4
80°-90°	7.0	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°	222.2	57.6
0°-40°	281.5	72.9
0°-60°	341.3	88.4
0°-90°	386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	386.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	466	466	466	466	466	
5°	450	451	450	450	450	41
15°	336	337	335	333	332	93
25°	196	194	190	190	190	90
35°	95	95	94	92	92	60
45°	43	44	45	43	42	34
55°	28	28	27	27	28	26
65°	23	21	19	21	22	23
75°	21	16	13	16	20	21
85°	7	8	5	8	7	8
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	466.5	466.5	466.5	466.5	466.5
1°	466.0	466.5	466.5	466.0	466.0
2°	463.6	464.8	464.2	463.6	464.2
3°	460.7	461.8	461.3	460.7	460.1
4°	456.0	457.1	456.5	455.4	455.4
5°	449.5	450.7	450.1	449.5	449.5
6°	443.0	444.2	443.0	441.9	441.9
7°	434.2	436.0	434.8	433.6	433.0
8°	424.2	426.0	424.8	424.2	423.1
9°	414.2	415.4	413.7	413.7	413.7
10°	403.7	404.3	403.1	401.3	401.3
11°	391.9	391.3	390.7	389.6	388.4
12°	379.0	379.0	377.2	376.1	375.5
13°	365.5	364.9	363.7	362.5	362.5
14°	351.4	351.4	350.2	347.8	348.4
15°	336.1	336.7	334.9	332.6	332.0
17.5°	301.4	300.3	297.3	295.6	293.8
20°	263.2	262.6	259.7	257.9	257.4
22.5°	228.0	227.4	224.5	222.7	223.9
25°	196.3	193.9	190.4	190.4	190.4
27.5°	166.9	163.9	161.6	160.4	161.6
30°	139.8	137.5	135.1	134.6	134.0
32.5°	115.8	114.6	113.4	111.6	111.6
35°	95.2	95.2	94.0	92.3	91.7
37.5°	77.6	78.1	77.6	75.8	75.2
40°	62.3	63.5	64.0	62.3	59.9
42.5°	51.1	52.9	54.1	51.1	49.4
45°	42.9	44.1	45.2	42.9	41.7
47.5°	37.6	38.2	38.8	37.0	36.4
50°	33.5	33.5	33.5	32.9	32.9
52.5°	30.6	30.6	30.0	29.4	29.4
55°	28.2	27.6	27.0	27.0	27.6
57.5°	26.4	25.9	24.7	25.3	25.9
60°	25.3	24.1	22.9	23.5	24.1
62.5°	23.5	22.3	21.2	21.7	22.9
65°	22.9	20.6	19.4	20.6	22.3
67.5°	22.3	19.4	17.6	19.4	21.7
70°	21.7	18.2	16.5	18.2	21.2
72.5°	21.2	17.0	14.7	17.0	20.6
75°	20.6	15.9	12.9	15.9	20.0
77.5°	19.4	14.7	11.2	14.7	18.2
80°	17.6	13.5	9.4	12.9	15.9
82.5°	12.9	11.2	7.6	11.2	11.8
85°	7.1	7.6	4.7	7.6	7.1
87.5°	0.6	1.2	1.2	3.5	2.4



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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)