

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: P1296945

Luminaire Tested: P3A13R35W2N902765DE010 E3PHLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296945
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R35W2N902765DE010 E3PHLD1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

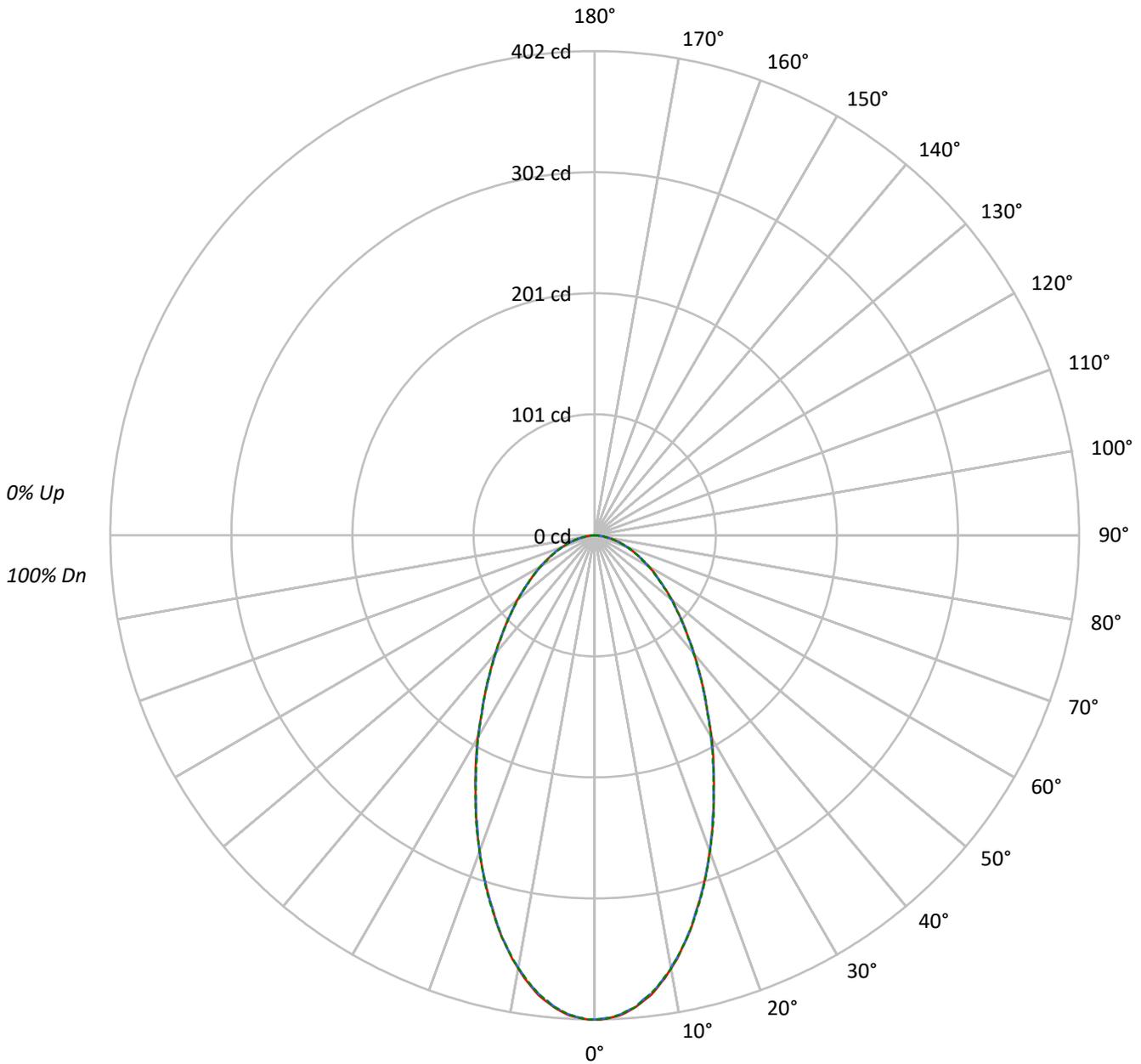
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 537.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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



— 0°-180° - - 45°-225° - - - 90°-270°



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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	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	71	65	86	77	70	64	75	68	64	72	67	63	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	88151	88151	88151
5°	86506	86352	86506
10°	81317	81161	81317
15°	73621	73621	73780
20°	65176	65176	65176
25°	56665	56519	56519
30°	49147	48792	48970
35°	42295	42108	42295
40°	36697	36497	36697
45°	32251	32034	32034
50°	28622	28383	28383
55°	25156	25156	25156
60°	22805	22498	22805
65°	20495	20495	20495
70°	18208	18208	18208
75°	16436	15843	16436
80°	14017	14017	14017
85°	8806	8806	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 32251 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.6	6.8
10°-20°	90.5	16.8
20°-30°	107.5	20.0
30°-40°	98.8	18.4
40°-50°	80.2	14.9
50°-60°	59.4	11.1
60°-70°	39.2	7.3
70°-80°	20.3	3.8
80°-90°	4.6	0.9
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°	234.5	43.7
0°-40°	333.3	62.1
0°-60°	472.9	88.1
0°-90°	537.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	537.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	402	402	402	402	402	
5°	393	392	392	392	393	37
15°	324	324	324	324	325	91
25°	234	234	234	234	234	108
35°	158	157	157	158	158	99
45°	104	103	103	103	103	80
55°	66	66	66	66	66	60
65°	40	40	40	40	40	39
75°	19	19	19	19	19	21
85°	4	4	4	4	4	5
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	402.0	402.0	402.0	402.0	402.0
1°	402.0	401.3	401.3	401.3	402.0
2°	400.6	400.6	400.6	400.6	400.6
3°	399.2	398.5	398.5	398.5	398.5
4°	396.4	395.7	395.7	395.7	395.7
5°	393.0	392.3	392.3	392.3	393.0
6°	388.8	388.1	387.4	387.4	388.1
7°	384.6	383.3	383.3	383.3	383.3
8°	378.4	377.7	377.7	377.7	377.7
9°	372.2	370.8	371.5	371.5	371.5
10°	365.2	364.5	364.5	364.5	365.2
11°	358.3	357.6	357.6	356.9	357.6
12°	350.0	350.0	350.0	350.0	350.0
13°	342.4	341.7	341.7	341.7	342.4
14°	334.0	333.4	333.4	333.4	333.4
15°	324.3	324.3	324.3	324.3	325.0
17.5°	302.2	301.5	302.2	302.2	302.9
20°	279.3	278.6	279.3	279.3	279.3
22.5°	256.4	256.4	255.7	256.4	257.1
25°	234.2	233.6	233.6	234.2	233.6
27.5°	213.5	212.8	212.8	212.8	212.8
30°	194.1	192.7	192.7	193.4	193.4
32.5°	174.0	174.0	174.6	174.0	174.0
35°	158.0	157.3	157.3	158.0	158.0
37.5°	142.1	141.4	141.4	142.1	142.1
40°	128.2	128.2	127.5	128.2	128.2
42.5°	115.0	115.0	115.0	115.0	115.0
45°	104.0	103.3	103.3	103.3	103.3
47.5°	92.9	92.9	92.9	92.2	92.9
50°	83.9	83.2	83.2	83.2	83.2
52.5°	74.2	74.2	74.2	74.2	74.2
55°	65.8	65.8	65.8	65.8	65.8
57.5°	58.9	58.2	58.2	58.2	58.2
60°	52.0	52.0	51.3	52.0	52.0
62.5°	45.0	45.0	45.0	45.0	45.0
65°	39.5	39.5	39.5	39.5	39.5
67.5°	34.0	34.0	34.0	34.0	34.0
70°	28.4	28.4	28.4	28.4	28.4
72.5°	24.3	23.6	23.6	23.6	23.6
75°	19.4	19.4	18.7	19.4	19.4
77.5°	14.6	14.6	14.6	14.6	14.6
80°	11.1	11.1	11.1	10.4	11.1
82.5°	6.9	6.9	6.9	6.9	6.9
85°	3.5	3.5	3.5	3.5	3.5
87.5°	0.7	0.7	0.7	1.4	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)