

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: P1300570

Luminaire Tested: P3A17R35W2N902750DE010 E3PH1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300570
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R35W2N902750DE010 E3PH1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

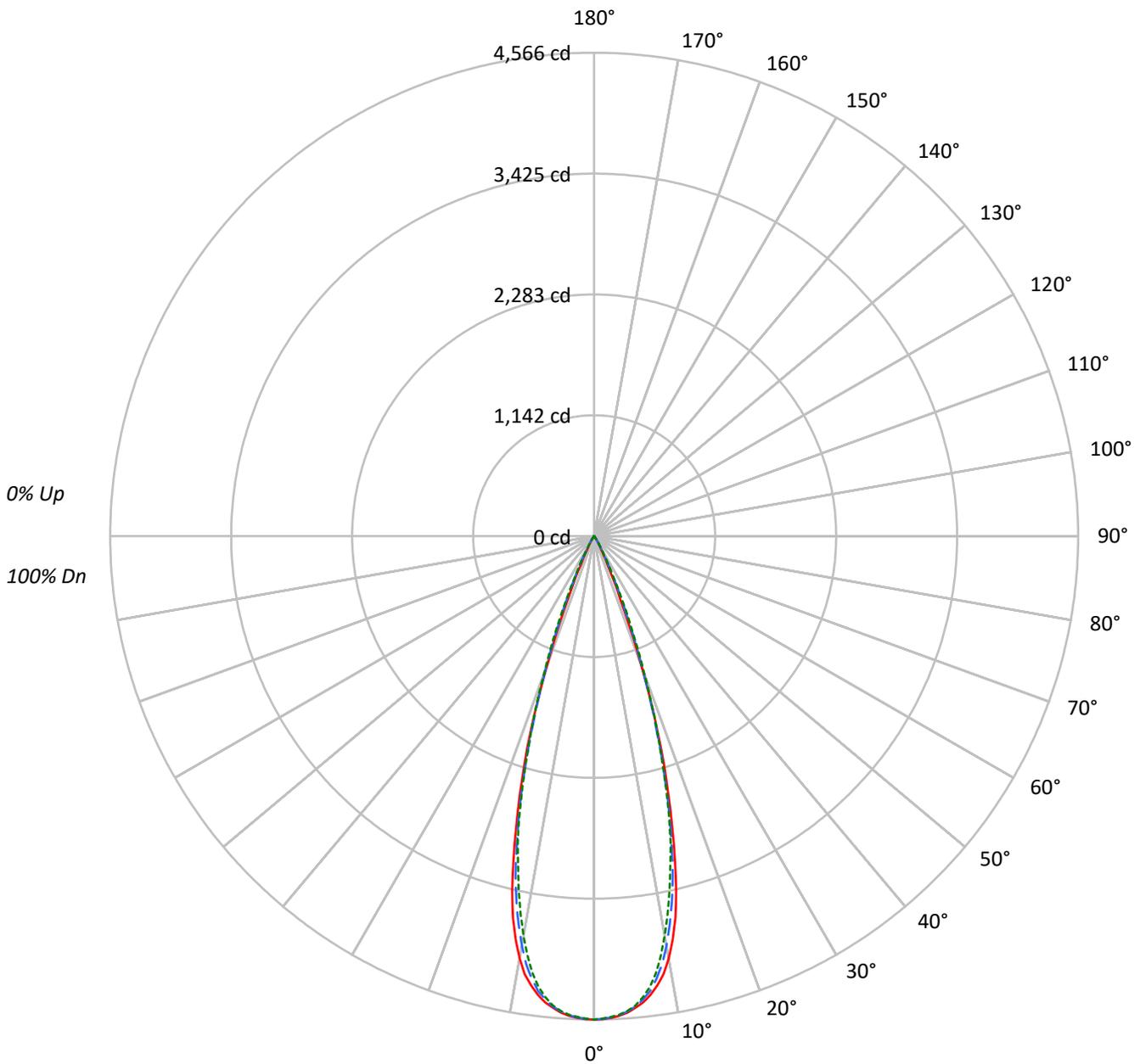
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1386.0 lumens
Efficiency: N/A
Efficacy: 71.4 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
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



— 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	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1001323	1001323	1001323
5°	984127	982014	979923
10°	901943	874822	853558
15°	645838	625248	617643
20°	299486	309777	320651
25°	71061	101086	105417
30°	20864	23877	26916
35°	4792	7683	7040
40°	1031	2061	1374
45°	372	372	372
50°	409	0	409
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 52.5°

Luminance: 432 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	410.0	29.6
10°-20°	732.9	52.9
20°-30°	220.5	15.9
30°-40°	21.1	1.5
40°-50°	1.4	0.1
50°-60°	0.1	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1363.4	98.4
0°-40°	1384.5	99.9
0°-60°	1386.0	100.0
0°-90°	1386.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1386.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4566	4566	4566	4566	4566	
5°	4471	4470	4461	4455	4452	415
15°	2845	2823	2754	2742	2721	751
25°	294	324	418	436	436	189
35°	18	24	29	31	26	17
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4566.4	4566.4	4566.4	4566.4	4566.4
1°	4564.0	4564.0	4561.6	4561.6	4556.8
2°	4553.3	4554.5	4549.7	4548.5	4544.9
3°	4536.5	4533.0	4533.0	4530.6	4528.2
4°	4510.3	4503.1	4500.7	4501.9	4497.1
5°	4470.9	4469.7	4461.3	4455.4	4451.8
6°	4427.9	4419.5	4401.6	4386.1	4382.5
7°	4363.4	4345.5	4330.0	4297.8	4293.0
8°	4284.6	4256.0	4222.6	4177.2	4174.8
9°	4187.9	4141.4	4094.8	4033.9	4012.5
10°	4050.7	4007.7	3928.9	3875.2	3833.4
11°	3879.9	3826.2	3734.3	3669.8	3635.2
12°	3686.5	3636.4	3529.0	3470.5	3421.5
13°	3438.2	3396.4	3296.2	3231.7	3193.5
14°	3150.5	3119.5	3024.0	2995.3	2982.2
15°	2844.9	2823.4	2754.2	2742.2	2720.7
17.5°	2094.0	2058.2	2018.8	2025.9	2033.1
20°	1283.4	1333.5	1327.5	1353.8	1374.1
22.5°	639.9	704.4	779.6	824.9	847.6
25°	293.7	323.5	417.8	435.7	435.7
27.5°	148.0	155.2	197.0	200.6	210.1
30°	82.4	88.3	94.3	105.1	106.3
32.5°	41.8	48.9	51.3	57.3	54.9
35°	17.9	23.9	28.7	31.0	26.3
37.5°	8.4	10.7	15.5	14.3	10.7
40°	3.6	4.8	7.2	6.0	4.8
42.5°	2.4	2.4	3.6	2.4	2.4
45°	1.2	1.2	1.2	1.2	1.2
47.5°	1.2	1.2	0.0	1.2	1.2
50°	1.2	0.0	0.0	0.0	1.2
52.5°	1.2	0.0	0.0	0.0	1.2
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



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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)