

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: P1265451

Luminaire Tested: P3A17R359730DE010 E3PH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265451
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: P3A17R359730DE010 E3PH1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

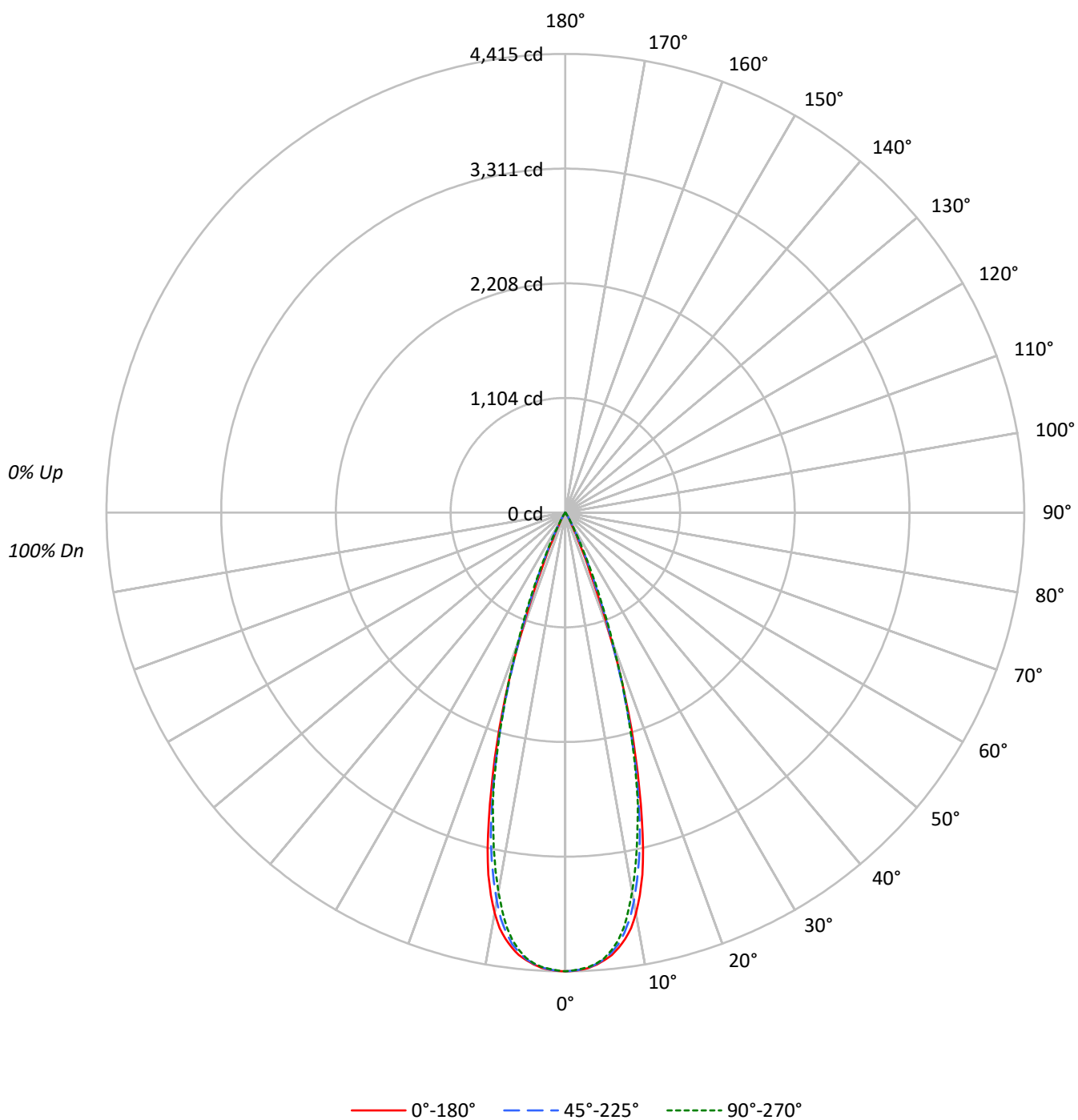
Lumens per Lamp: N/A
Luminaire Lumens: 1340.0 lumens
Efficiency: N/A
Efficacy: 63.2 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	94		97	95	93		95
4	104	99	95	92	103	98	94	92	96	93	91		94	92	90		93
5	101	95	91	88	100	95	91	88	93	90	87		92	89	87		90
6	98	92	88	85	97	91	88	85	90	87	84		89	86	84		88
7	96	89	85	82	94	89	85	82	87	84	81		86	83	81		85
8	93	86	82	79	92	86	82	79	85	81	79		84	81	79		83
9	90	84	80	77	89	83	79	77	82	79	76		82	79	76		81
10	88	81	77	75	87	81	77	74	80	77	74		80	76	74		79

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	968080	968080	968080
5°	951461	949436	947389
10°	871995	845787	825235
15°	624408	604498	597143
20°	289545	299509	310010
25°	68689	97748	101933
30°	20155	23092	26004
35°	4631	7415	6799
40°	1002	1975	1317
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°	396.4	29.6
10°-20°	708.6	52.9
20°-30°	213.2	15.9
30°-40°	20.4	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°	1318.1	98.4
0°-40°	1338.5	99.9
0°-60°	1340.0	100.0
0°-90°	1340.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1340.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4415	4415	4415	4415	4415	
5°	4322	4321	4313	4308	4304	401
15°	2750	2730	2663	2651	2630	726
25°	284	313	404	421	421	183
35°	17	23	28	30	25	16
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4414.8	4414.8	4414.8	4414.8	4414.8
1°	4412.5	4412.5	4410.2	4410.2	4405.6
2°	4402.1	4403.3	4398.7	4397.5	4394.1
3°	4386.0	4382.5	4382.5	4380.2	4377.9
4°	4360.6	4353.7	4351.4	4352.5	4347.9
5°	4322.5	4321.3	4313.3	4307.5	4304.0
6°	4280.9	4272.9	4255.6	4240.6	4237.1
7°	4218.6	4201.3	4186.3	4155.1	4150.5
8°	4142.4	4114.7	4082.4	4038.6	4036.3
9°	4049.0	4003.9	3958.9	3900.1	3879.3
10°	3916.2	3874.7	3798.5	3746.6	3706.2
11°	3751.2	3699.2	3610.4	3548.0	3514.6
12°	3564.2	3515.7	3411.8	3355.3	3308.0
13°	3324.1	3283.7	3186.8	3124.4	3087.5
14°	3045.9	3015.9	2923.6	2895.9	2883.2
15°	2750.5	2729.7	2662.8	2651.2	2630.4
17.5°	2024.5	1989.9	1951.8	1958.7	1965.6
20°	1240.8	1289.2	1283.5	1308.9	1328.5
22.5°	618.7	681.0	753.7	797.6	819.5
25°	283.9	312.8	404.0	421.3	421.3
27.5°	143.1	150.0	190.4	193.9	203.1
30°	79.6	85.4	91.2	101.6	102.7
32.5°	40.4	47.3	49.6	55.4	53.1
35°	17.3	23.1	27.7	30.0	25.4
37.5°	8.1	10.4	15.0	13.9	10.4
40°	3.5	4.6	6.9	5.8	4.6
42.5°	2.3	2.3	3.5	2.3	2.3
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)