

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: P1263073

Luminaire Tested: P3A17R359727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263073
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: P3A17R359727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

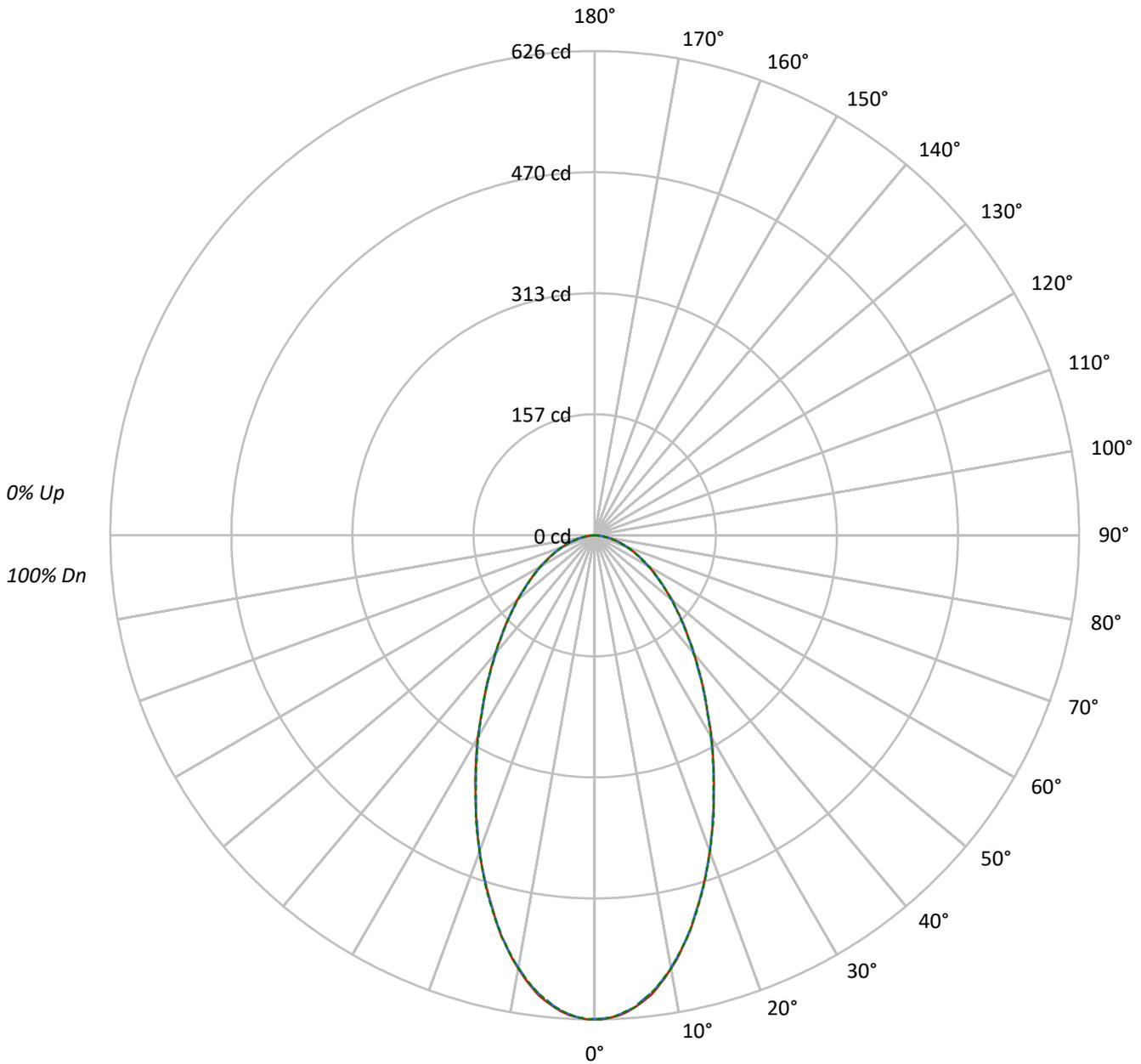
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 836.0 lumens
Efficiency: N/A
Efficacy: 39.4 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): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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

TEST NUMBER: P1263073
CATALOG NUMBER: P3A17R359727DE010 E3PHLD1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1263073
 CATALOG NUMBER: P3A17R359727DE010 E3PHLD1MW

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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	88	88	88	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	77	77	77	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68	68	68	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	60	60	60	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	54	54	54	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	49	49	49	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	44	44	44	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	41	41	41	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	38	38	38	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	35	35	35	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	137226	137226	137226
5°	134668	134426	134668
10°	126606	126361	126606
15°	114620	114620	114870
20°	101462	101462	101462
25°	88239	87973	87973
30°	76493	75936	76214
35°	65852	65558	65852
40°	57136	56821	57136
45°	50176	49866	49866
50°	44553	44178	44178
55°	39186	39186	39186
60°	35480	34997	35480
65°	31910	31910	31910
70°	28338	28338	28338
75°	25587	24655	25587
80°	21846	21846	21846
85°	13586	13586	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 50176 cd/sqm



TEST NUMBER: P1263073
 CATALOG NUMBER: P3A17R359727DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.9	6.8
10°-20°	140.8	16.8
20°-30°	167.4	20.0
30°-40°	153.8	18.4
40°-50°	124.9	14.9
50°-60°	92.4	11.1
60°-70°	61.0	7.3
70°-80°	31.7	3.8
80°-90°	7.1	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°	365.1	43.7
0°-40°	518.9	62.1
0°-60°	736.2	88.1
0°-90°	836.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	836.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	626	626	626	626	626	
5°	612	611	611	611	612	57
15°	505	505	505	505	506	141
25°	365	364	364	365	364	168
35°	246	245	245	246	246	154
45°	162	161	161	161	161	125
55°	102	102	102	102	102	93
65°	62	62	62	62	62	61
75°	30	30	29	30	30	32
85°	5	5	5	5	5	7
90°	0	0	0	0	0	



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CATALOG NUMBER: P3A17R359727DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	625.8	625.8	625.8	625.8	625.8
1°	625.8	624.7	624.7	624.7	625.8
2°	623.6	623.6	623.6	623.6	623.6
3°	621.5	620.4	620.4	620.4	620.4
4°	617.1	616.1	616.1	616.1	616.1
5°	611.8	610.7	610.7	610.7	611.8
6°	605.3	604.2	603.1	603.1	604.2
7°	598.8	596.6	596.6	596.6	596.6
8°	589.1	588.0	588.0	588.0	588.0
9°	579.4	577.2	578.3	578.3	578.3
10°	568.6	567.5	567.5	567.5	568.6
11°	557.8	556.7	556.7	555.6	556.7
12°	544.9	544.9	544.9	544.9	544.9
13°	533.0	531.9	531.9	531.9	533.0
14°	520.0	519.0	519.0	519.0	519.0
15°	504.9	504.9	504.9	504.9	506.0
17.5°	470.4	469.3	470.4	470.4	471.5
20°	434.8	433.7	434.8	434.8	434.8
22.5°	399.2	399.2	398.1	399.2	400.3
25°	364.7	363.6	363.6	364.7	363.6
27.5°	332.3	331.2	331.2	331.2	331.2
30°	302.1	299.9	299.9	301.0	301.0
32.5°	270.8	270.8	271.9	270.8	270.8
35°	246.0	244.9	244.9	246.0	246.0
37.5°	221.2	220.1	220.1	221.2	221.2
40°	199.6	199.6	198.5	199.6	199.6
42.5°	179.1	179.1	179.1	179.1	179.1
45°	161.8	160.8	160.8	160.8	160.8
47.5°	144.6	144.6	144.6	143.5	144.6
50°	130.6	129.5	129.5	129.5	129.5
52.5°	115.4	115.4	115.4	115.4	115.4
55°	102.5	102.5	102.5	102.5	102.5
57.5°	91.7	90.6	90.6	90.6	90.6
60°	80.9	80.9	79.8	80.9	80.9
62.5°	70.1	70.1	70.1	70.1	70.1
65°	61.5	61.5	61.5	61.5	61.5
67.5°	52.9	52.9	52.9	52.9	52.9
70°	44.2	44.2	44.2	44.2	44.2
72.5°	37.8	36.7	36.7	36.7	36.7
75°	30.2	30.2	29.1	30.2	30.2
77.5°	22.7	22.7	22.7	22.7	22.7
80°	17.3	17.3	17.3	16.2	17.3
82.5°	10.8	10.8	10.8	10.8	10.8
85°	5.4	5.4	5.4	5.4	5.4
87.5°	1.1	1.1	1.1	2.2	2.2



TEST NUMBER: P1263073
CATALOG NUMBER: P3A17R359727DE010 E3PHLD1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)