

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: P1271650

Luminaire Tested: P3AS09R359827DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271650
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: P3AS09R359827DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

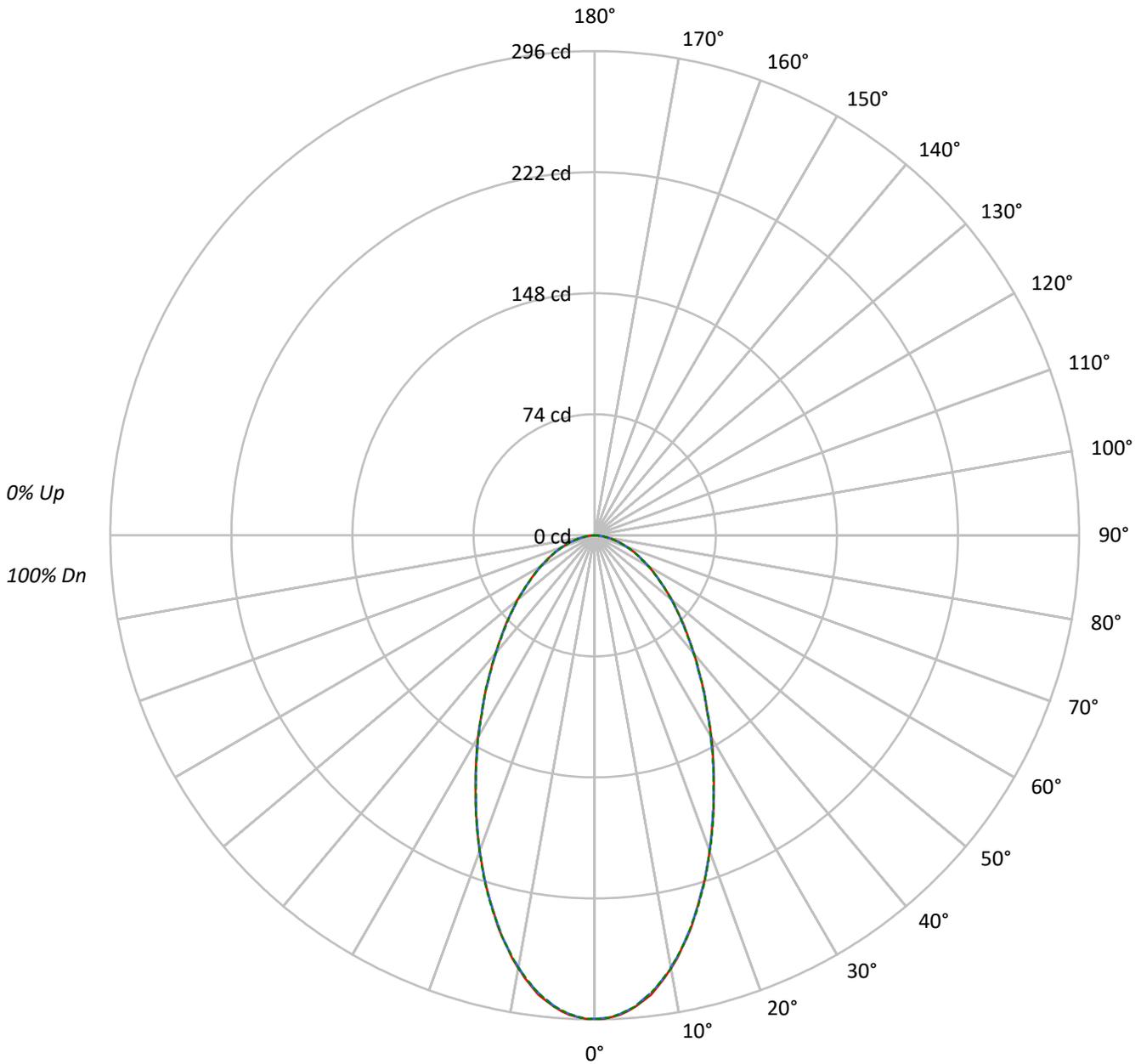
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 395.0 lumens
Efficiency: N/A
Efficacy: 35.9 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): 11
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: P1271650
CATALOG NUMBER: P3AS09R359827DE010 E3PHLD1MW

Luminous Intensity Polar Plot



— 0°-180° - - - 45°-225° - · - · - 90°-270°



TEST NUMBER: P1271650
 CATALOG NUMBER: P3AS09R359827DE010 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	102	102	102	100
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	93	91	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	77	73	70	68
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	70	66	62	60
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	65	60	56	54
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	60	55	51	49
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	55	50	46	44
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	52	46	42	41
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	48	43	39	38
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	45	40	36	35

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	64841	64841	64841
5°	63614	63504	63614
10°	59830	59696	59830
15°	54166	54166	54280
20°	47931	47931	47931
25°	41688	41567	41567
30°	36132	35879	36006
35°	31106	30972	31106
40°	26993	26850	26993
45°	23723	23568	23568
50°	21048	20878	20878
55°	18504	18504	18504
60°	16753	16534	16753
65°	15099	15099	15099
70°	13400	13400	13400
75°	12115	11692	12115
80°	10355	10355	10355
85°	6290	6290	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23723 cd/sqm



TEST NUMBER: P1271650
 CATALOG NUMBER: P3AS09R359827DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.9	6.8
10°-20°	66.5	16.8
20°-30°	79.1	20.0
30°-40°	72.7	18.4
40°-50°	59.0	14.9
50°-60°	43.6	11.0
60°-70°	28.9	7.3
70°-80°	14.9	3.8
80°-90°	3.3	0.8
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°	172.5	43.7
0°-40°	245.2	62.1
0°-60°	347.8	88.1
0°-90°	395.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	395.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	296	296	296	296	296	
5°	289	288	288	288	289	27
15°	239	239	239	239	239	67
25°	172	172	172	172	172	79
35°	116	116	116	116	116	73
45°	76	76	76	76	76	59
55°	48	48	48	48	48	44
65°	29	29	29	29	29	29
75°	14	14	14	14	14	15
85°	2	2	2	2	2	3
90°	0	0	0	0	0	



TEST NUMBER: P1271650

CATALOG NUMBER: P3AS09R359827DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	295.7	295.7	295.7	295.7	295.7
1°	295.7	295.2	295.2	295.2	295.7
2°	294.7	294.7	294.7	294.7	294.7
3°	293.6	293.1	293.1	293.1	293.1
4°	291.6	291.1	291.1	291.1	291.1
5°	289.0	288.5	288.5	288.5	289.0
6°	286.0	285.5	285.0	285.0	285.5
7°	282.9	281.9	281.9	281.9	281.9
8°	278.3	277.8	277.8	277.8	277.8
9°	273.8	272.7	273.2	273.2	273.2
10°	268.7	268.1	268.1	268.1	268.7
11°	263.6	263.0	263.0	262.5	263.0
12°	257.4	257.4	257.4	257.4	257.4
13°	251.8	251.3	251.3	251.3	251.8
14°	245.7	245.2	245.2	245.2	245.2
15°	238.6	238.6	238.6	238.6	239.1
17.5°	222.3	221.8	222.3	222.3	222.8
20°	205.4	204.9	205.4	205.4	205.4
22.5°	188.6	188.6	188.1	188.6	189.1
25°	172.3	171.8	171.8	172.3	171.8
27.5°	157.0	156.5	156.5	156.5	156.5
30°	142.7	141.7	141.7	142.2	142.2
32.5°	128.0	128.0	128.5	128.0	128.0
35°	116.2	115.7	115.7	116.2	116.2
37.5°	104.5	104.0	104.0	104.5	104.5
40°	94.3	94.3	93.8	94.3	94.3
42.5°	84.6	84.6	84.6	84.6	84.6
45°	76.5	76.0	76.0	76.0	76.0
47.5°	68.3	68.3	68.3	67.8	68.3
50°	61.7	61.2	61.2	61.2	61.2
52.5°	54.5	54.5	54.5	54.5	54.5
55°	48.4	48.4	48.4	48.4	48.4
57.5°	43.3	42.8	42.8	42.8	42.8
60°	38.2	38.2	37.7	38.2	38.2
62.5°	33.1	33.1	33.1	33.1	33.1
65°	29.1	29.1	29.1	29.1	29.1
67.5°	25.0	25.0	25.0	25.0	25.0
70°	20.9	20.9	20.9	20.9	20.9
72.5°	17.8	17.3	17.3	17.3	17.3
75°	14.3	14.3	13.8	14.3	14.3
77.5°	10.7	10.7	10.7	10.7	10.7
80°	8.2	8.2	8.2	7.6	8.2
82.5°	5.1	5.1	5.1	5.1	5.1
85°	2.5	2.5	2.5	2.5	2.5
87.5°	0.5	0.5	0.5	1.0	1.0



TEST NUMBER: P1271650

CATALOG NUMBER: P3AS09R359827DE010 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)