

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: P1258890

Luminaire Tested: P3AS02R359050DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258890
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: P3AS02R359050DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

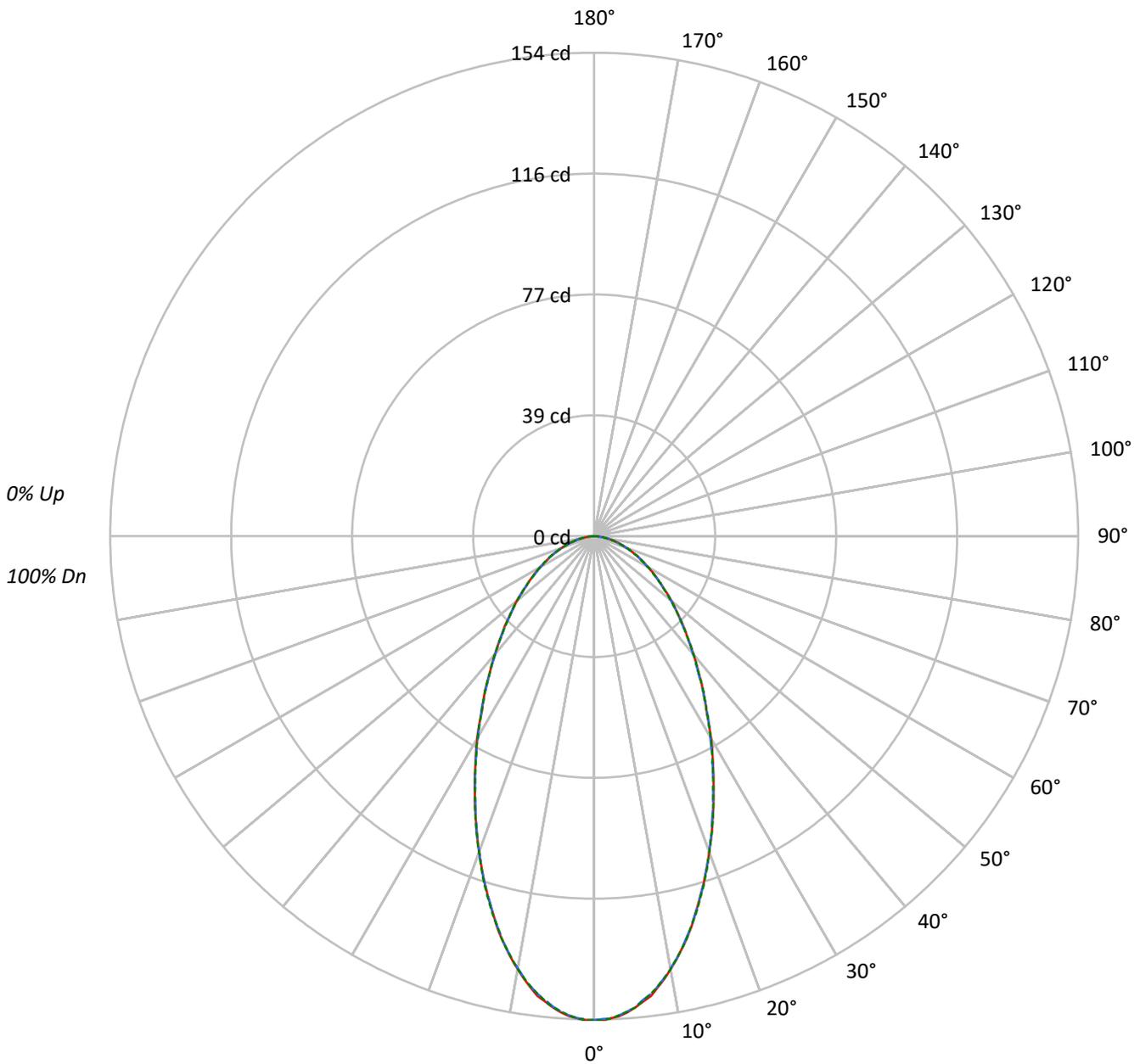
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 206.0 lumens
Efficiency: N/A
Efficacy: 57.2 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): 3.6
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: P1258890
CATALOG NUMBER: P3AS02R359050DE010 E3PHLD1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1258890

CATALOG NUMBER: P3AS02R359050DE010 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100	
1	111	107	103	100	108	105	101	99	100	98	95	97	95	93	93	91	90	90	88	
2	103	96	90	85	100	94	89	84	90	86	82	87	84	81	84	81	79	79	77	
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	70	68	
4	88	78	71	65	86	77	70	65	75	68	64	72	67	63	70	66	62	62	60	
5	82	71	64	58	80	70	63	58	68	62	57	66	61	56	65	60	56	56	54	
6	77	65	58	52	75	65	57	52	63	56	51	61	55	51	60	55	51	51	49	
7	72	60	53	47	71	60	52	47	58	52	47	57	51	46	55	50	46	46	44	
8	68	56	48	43	66	55	48	43	54	47	43	53	47	43	52	46	42	42	41	
9	64	52	45	40	63	51	44	40	50	44	39	49	44	39	48	43	39	39	38	
10	60	49	42	37	59	48	41	37	47	41	37	46	41	36	45	40	36	36	35	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	33813	33813	33813
5°	33172	33128	33172
10°	31195	31128	31195
15°	28241	28241	28309
20°	24992	24992	24992
25°	21751	21679	21679
30°	18838	18712	18788
35°	16222	16169	16222
40°	14084	13998	14084
45°	12373	12280	12280
50°	10985	10882	10882
55°	9672	9672	9672
60°	8727	8640	8727
65°	7887	7887	7887
70°	6988	6988	6988
75°	6270	6100	6270
80°	5430	5430	5430
85°	3271	3271	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12373 cd/sqm



TEST NUMBER: P1258890

CATALOG NUMBER: P3AS02R359050DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.0	6.8
10°-20°	34.7	16.8
20°-30°	41.2	20.0
30°-40°	37.9	18.4
40°-50°	30.8	14.9
50°-60°	22.8	11.0
60°-70°	15.1	7.3
70°-80°	7.8	3.8
80°-90°	1.8	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°	90.0	43.7
0°-40°	127.9	62.1
0°-60°	181.4	88.1
0°-90°	206.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	206.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	154	154	154	154	154	
5°	151	150	150	150	151	14
15°	124	124	124	124	125	35
25°	90	90	90	90	90	41
35°	61	60	60	61	61	38
45°	40	40	40	40	40	31
55°	25	25	25	25	25	23
65°	15	15	15	15	15	15
75°	7	7	7	7	7	8
85°	1	1	1	1	1	2
90°	0	0	0	0	0	



TEST NUMBER: P1258890

CATALOG NUMBER: P3AS02R359050DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	154.2	154.2	154.2	154.2	154.2
1°	154.2	153.9	153.9	153.9	154.2
2°	153.7	153.7	153.7	153.7	153.7
3°	153.1	152.9	152.9	152.9	152.9
4°	152.1	151.8	151.8	151.8	151.8
5°	150.7	150.5	150.5	150.5	150.7
6°	149.1	148.9	148.6	148.6	148.9
7°	147.6	147.0	147.0	147.0	147.0
8°	145.2	144.9	144.9	144.9	144.9
9°	142.8	142.2	142.5	142.5	142.5
10°	140.1	139.8	139.8	139.8	140.1
11°	137.4	137.2	137.2	136.9	137.2
12°	134.3	134.3	134.3	134.3	134.3
13°	131.3	131.1	131.1	131.1	131.3
14°	128.1	127.9	127.9	127.9	127.9
15°	124.4	124.4	124.4	124.4	124.7
17.5°	115.9	115.6	115.9	115.9	116.2
20°	107.1	106.9	107.1	107.1	107.1
22.5°	98.4	98.4	98.1	98.4	98.6
25°	89.9	89.6	89.6	89.9	89.6
27.5°	81.9	81.6	81.6	81.6	81.6
30°	74.4	73.9	73.9	74.2	74.2
32.5°	66.7	66.7	67.0	66.7	66.7
35°	60.6	60.4	60.4	60.6	60.6
37.5°	54.5	54.2	54.2	54.5	54.5
40°	49.2	49.2	48.9	49.2	49.2
42.5°	44.1	44.1	44.1	44.1	44.1
45°	39.9	39.6	39.6	39.6	39.6
47.5°	35.6	35.6	35.6	35.4	35.6
50°	32.2	31.9	31.9	31.9	31.9
52.5°	28.4	28.4	28.4	28.4	28.4
55°	25.3	25.3	25.3	25.3	25.3
57.5°	22.6	22.3	22.3	22.3	22.3
60°	19.9	19.9	19.7	19.9	19.9
62.5°	17.3	17.3	17.3	17.3	17.3
65°	15.2	15.2	15.2	15.2	15.2
67.5°	13.0	13.0	13.0	13.0	13.0
70°	10.9	10.9	10.9	10.9	10.9
72.5°	9.3	9.0	9.0	9.0	9.0
75°	7.4	7.4	7.2	7.4	7.4
77.5°	5.6	5.6	5.6	5.6	5.6
80°	4.3	4.3	4.3	4.0	4.3
82.5°	2.7	2.7	2.7	2.7	2.7
85°	1.3	1.3	1.3	1.3	1.3
87.5°	0.3	0.3	0.3	0.5	0.5



TEST NUMBER: P1258890
CATALOG NUMBER: P3AS02R359050DE010 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)