

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: P1268665

Luminaire Tested: P3A02R359740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268665
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: P3A02R359740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

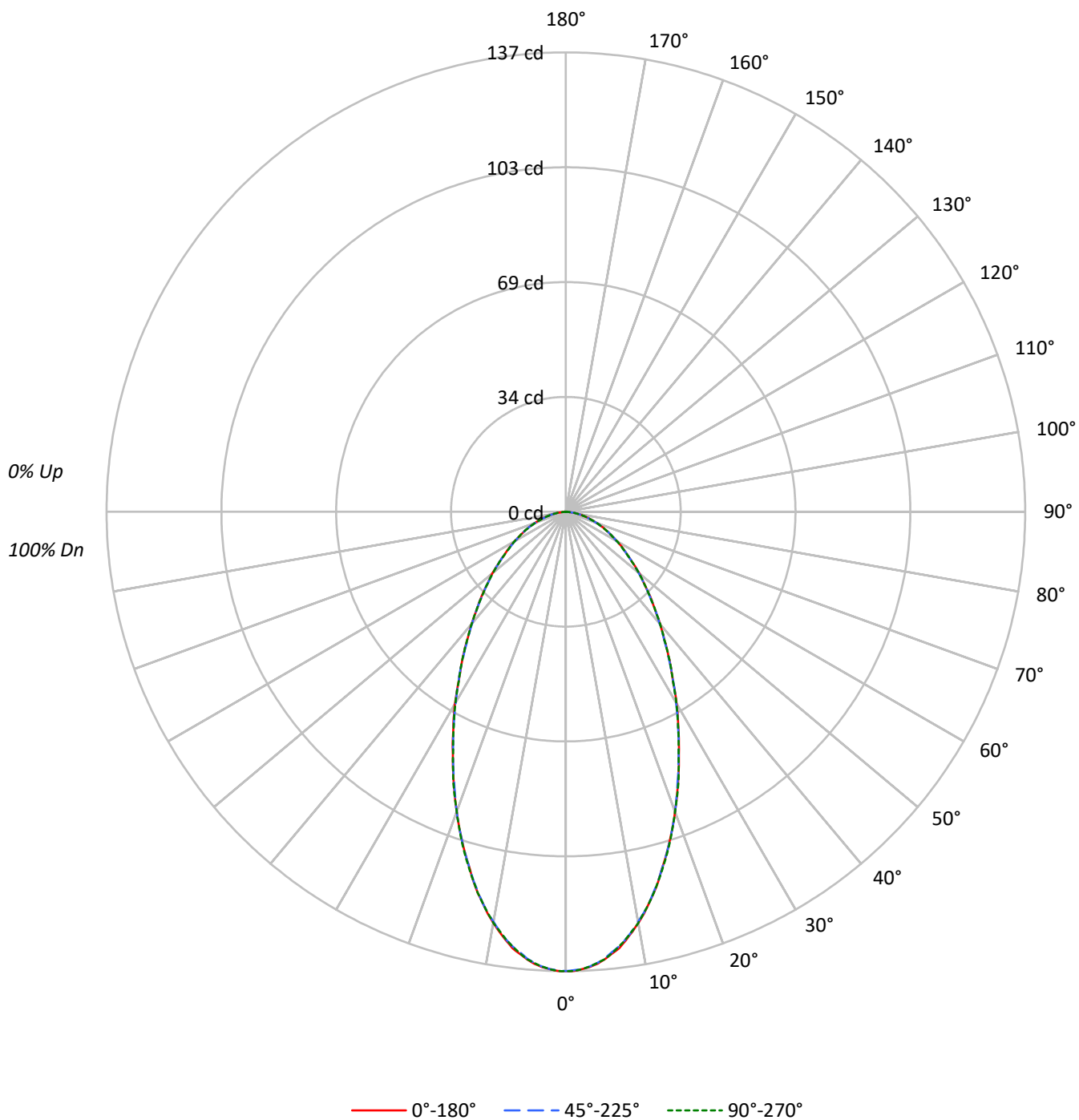
Lumens per Lamp: N/A
Luminaire Lumens: 183.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (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	111	107	103	100	108	105	101	99	100	98	95		97	95	93		93
2	103	96	90	85	100	94	89	84	90	86	82		87	84	81		84
3	95	86	79	74	93	85	78	73	82	76	72		79	75	71		77
4	88	78	71	65	86	77	70	64	75	68	64		72	67	63		70
5	82	71	64	58	80	70	63	58	68	62	57		66	61	56		65
6	77	65	58	52	75	64	57	52	63	56	51		61	55	51		60
7	72	60	53	47	71	60	52	47	58	52	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	43		53	47	43		52
9	64	52	45	40	63	51	44	40	50	44	39		49	44	39		48
10	60	49	41	37	59	48	41	37	47	41	37		46	41	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	30041	30041	30041
5°	29474	29430	29474
10°	27722	27655	27722
15°	25085	25085	25153
20°	22215	22215	22215
25°	19308	19259	19259
30°	16737	16635	16686
35°	14402	14348	14402
40°	12509	12452	12509
45°	10978	10916	10916
50°	9757	9654	9654
55°	8564	8564	8564
60°	7763	7675	7763
65°	7005	7005	7005
70°	6219	6219	6219
75°	5592	5422	5592
80°	4799	4799	4799
85°	3019	3019	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10978 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.5	6.8
10°-20°	30.8	16.8
20°-30°	36.6	20.0
30°-40°	33.7	18.4
40°-50°	27.3	14.9
50°-60°	20.2	11.0
60°-70°	13.4	7.3
70°-80°	6.9	3.8
80°-90°	1.6	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°	79.9	43.7
0°-40°	113.6	62.1
0°-60°	161.1	88.0
0°-90°	183.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	183.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	137	137	137	137	137	
5°	134	134	134	134	134	12
15°	110	110	110	110	111	31
25°	80	80	80	80	80	37
35°	54	54	54	54	54	34
45°	35	35	35	35	35	27
55°	22	22	22	22	22	20
65°	14	14	14	14	14	13
75°	7	7	6	7	7	7
85°	1	1	1	1	1	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	137.0	137.0	137.0	137.0	137.0
1°	137.0	136.7	136.7	136.7	137.0
2°	136.5	136.5	136.5	136.5	136.5
3°	136.0	135.8	135.8	135.8	135.8
4°	135.1	134.9	134.9	134.9	134.9
5°	133.9	133.7	133.7	133.7	133.9
6°	132.5	132.3	132.0	132.0	132.3
7°	131.1	130.6	130.6	130.6	130.6
8°	129.0	128.7	128.7	128.7	128.7
9°	126.8	126.4	126.6	126.6	126.6
10°	124.5	124.2	124.2	124.2	124.5
11°	122.1	121.9	121.9	121.6	121.9
12°	119.3	119.3	119.3	119.3	119.3
13°	116.7	116.4	116.4	116.4	116.7
14°	113.8	113.6	113.6	113.6	113.6
15°	110.5	110.5	110.5	110.5	110.8
17.5°	103.0	102.7	103.0	103.0	103.2
20°	95.2	94.9	95.2	95.2	95.2
22.5°	87.4	87.4	87.1	87.4	87.6
25°	79.8	79.6	79.6	79.8	79.6
27.5°	72.7	72.5	72.5	72.5	72.5
30°	66.1	65.7	65.7	65.9	65.9
32.5°	59.3	59.3	59.5	59.3	59.3
35°	53.8	53.6	53.6	53.8	53.8
37.5°	48.4	48.2	48.2	48.4	48.4
40°	43.7	43.7	43.5	43.7	43.7
42.5°	39.2	39.2	39.2	39.2	39.2
45°	35.4	35.2	35.2	35.2	35.2
47.5°	31.6	31.6	31.6	31.4	31.6
50°	28.6	28.3	28.3	28.3	28.3
52.5°	25.3	25.3	25.3	25.3	25.3
55°	22.4	22.4	22.4	22.4	22.4
57.5°	20.1	19.8	19.8	19.8	19.8
60°	17.7	17.7	17.5	17.7	17.7
62.5°	15.4	15.4	15.4	15.4	15.4
65°	13.5	13.5	13.5	13.5	13.5
67.5°	11.6	11.6	11.6	11.6	11.6
70°	9.7	9.7	9.7	9.7	9.7
72.5°	8.3	8.0	8.0	8.0	8.0
75°	6.6	6.6	6.4	6.6	6.6
77.5°	5.0	5.0	5.0	5.0	5.0
80°	3.8	3.8	3.8	3.5	3.8
82.5°	2.4	2.4	2.4	2.4	2.4
85°	1.2	1.2	1.2	1.2	1.2
87.5°	0.2	0.2	0.2	0.5	0.5



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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)