

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: P1264696

Luminaire Tested: P3A09R359730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264696
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: P3A09R359730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

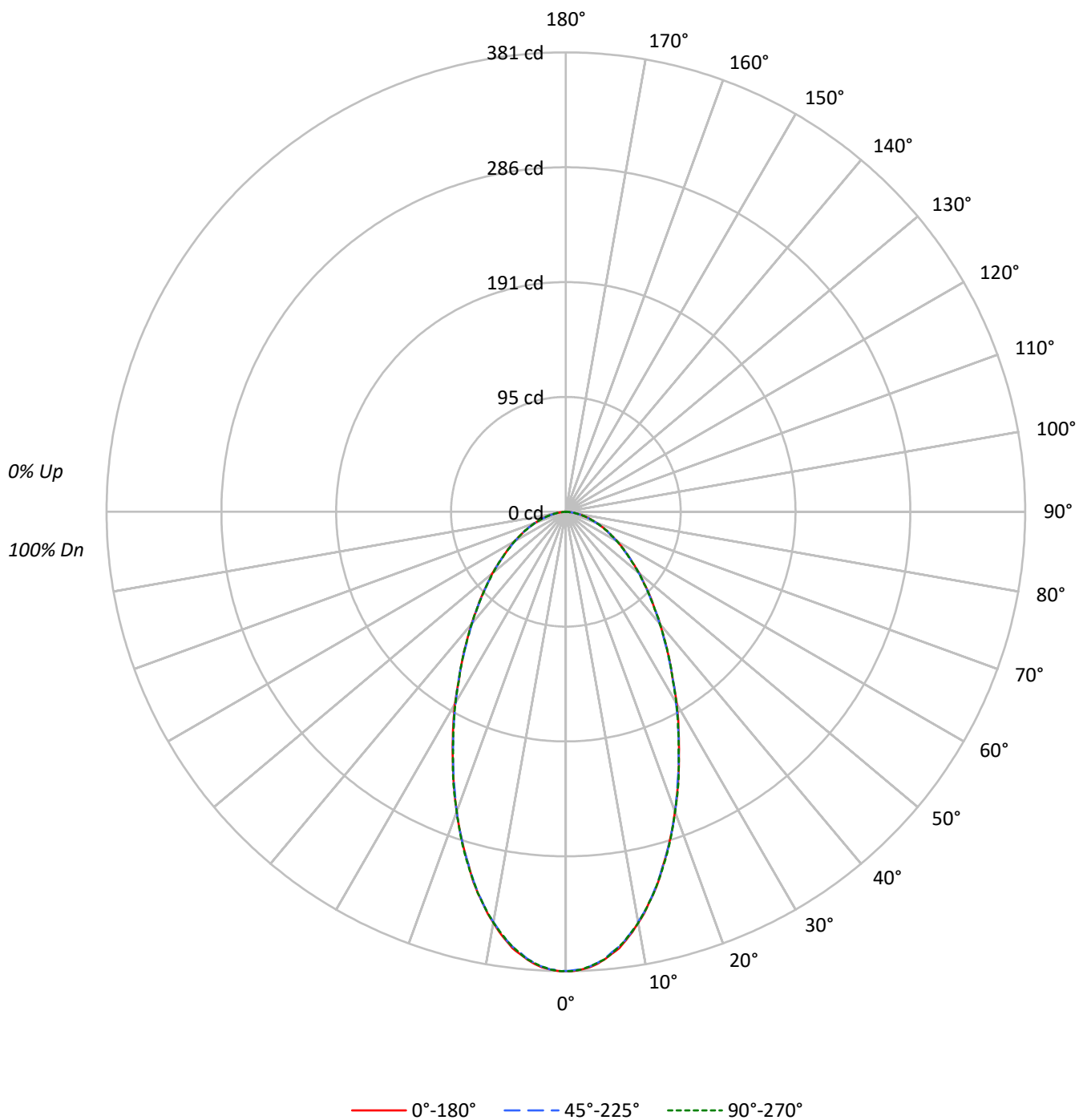
Lumens per Lamp: N/A
Luminaire Lumens: 509.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	65	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	65	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	42	37	59	48	41	37	47	41	37		46	41	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	83546	83546	83546
5°	81994	81840	81994
10°	77086	76930	77086
15°	69785	69785	69944
20°	61769	61769	61769
25°	53713	53568	53568
30°	46564	46235	46412
35°	40100	39913	40100
40°	34779	34608	34779
45°	30546	30360	30360
50°	27121	26882	26882
55°	23856	23856	23856
60°	21621	21314	21621
65°	19405	19405	19405
70°	17246	17246	17246
75°	15589	14996	15589
80°	13259	13259	13259
85°	8303	8303	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30546 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.7	6.8
10°-20°	85.8	16.8
20°-30°	101.9	20.0
30°-40°	93.6	18.4
40°-50°	76.0	14.9
50°-60°	56.3	11.1
60°-70°	37.2	7.3
70°-80°	19.3	3.8
80°-90°	4.3	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°	222.3	43.7
0°-40°	316.0	62.1
0°-60°	448.2	88.1
0°-90°	509.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	509.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	381	381	381	381	381	
5°	372	372	372	372	372	35
15°	307	307	307	307	308	86
25°	222	221	221	222	221	102
35°	150	149	149	150	150	94
45°	98	98	98	98	98	76
55°	62	62	62	62	62	56
65°	37	37	37	37	37	37
75°	18	18	18	18	18	19
85°	3	3	3	3	3	4
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	381.0	381.0	381.0	381.0	381.0
1°	381.0	380.3	380.3	380.3	381.0
2°	379.7	379.7	379.7	379.7	379.7
3°	378.4	377.7	377.7	377.7	377.7
4°	375.8	375.1	375.1	375.1	375.1
5°	372.5	371.8	371.8	371.8	372.5
6°	368.5	367.9	367.2	367.2	367.9
7°	364.6	363.3	363.3	363.3	363.3
8°	358.7	358.0	358.0	358.0	358.0
9°	352.8	351.4	352.1	352.1	352.1
10°	346.2	345.5	345.5	345.5	346.2
11°	339.6	339.0	339.0	338.3	339.0
12°	331.7	331.7	331.7	331.7	331.7
13°	324.5	323.9	323.9	323.9	324.5
14°	316.6	316.0	316.0	316.0	316.0
15°	307.4	307.4	307.4	307.4	308.1
17.5°	286.4	285.8	286.4	286.4	287.1
20°	264.7	264.1	264.7	264.7	264.7
22.5°	243.1	243.1	242.4	243.1	243.7
25°	222.0	221.4	221.4	222.0	221.4
27.5°	202.3	201.7	201.7	201.7	201.7
30°	183.9	182.6	182.6	183.3	183.3
32.5°	164.9	164.9	165.5	164.9	164.9
35°	149.8	149.1	149.1	149.8	149.8
37.5°	134.7	134.0	134.0	134.7	134.7
40°	121.5	121.5	120.9	121.5	121.5
42.5°	109.0	109.0	109.0	109.0	109.0
45°	98.5	97.9	97.9	97.9	97.9
47.5°	88.0	88.0	88.0	87.4	88.0
50°	79.5	78.8	78.8	78.8	78.8
52.5°	70.3	70.3	70.3	70.3	70.3
55°	62.4	62.4	62.4	62.4	62.4
57.5°	55.8	55.2	55.2	55.2	55.2
60°	49.3	49.3	48.6	49.3	49.3
62.5°	42.7	42.7	42.7	42.7	42.7
65°	37.4	37.4	37.4	37.4	37.4
67.5°	32.2	32.2	32.2	32.2	32.2
70°	26.9	26.9	26.9	26.9	26.9
72.5°	23.0	22.3	22.3	22.3	22.3
75°	18.4	18.4	17.7	18.4	18.4
77.5°	13.8	13.8	13.8	13.8	13.8
80°	10.5	10.5	10.5	9.9	10.5
82.5°	6.6	6.6	6.6	6.6	6.6
85°	3.3	3.3	3.3	3.3	3.3
87.5°	0.7	0.7	0.7	1.3	1.3



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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)