

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: P1267486

Luminaire Tested: P3A13R359735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267486
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: P3A13R359735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

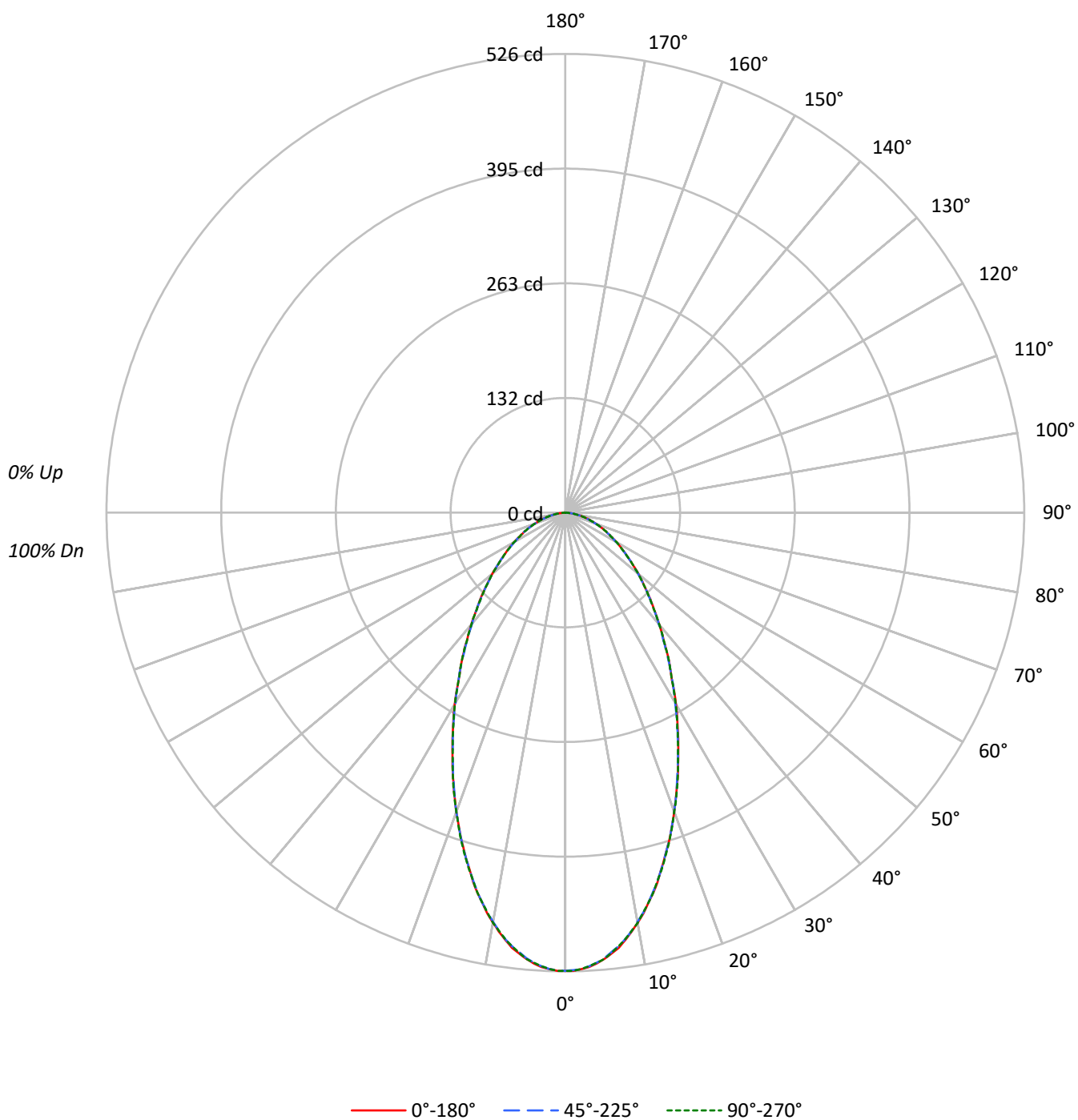
Lumens per Lamp: N/A
Luminaire Lumens: 702.0 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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°	115232	115232	115232
5°	113075	112877	113075
10°	106322	106121	106322
15°	96255	96255	96459
20°	85197	85197	85197
25°	74085	73867	73867
30°	64238	63782	64010
35°	55305	55064	55305
40°	47976	47718	47976
45°	42144	41865	41865
50°	37389	37082	37082
55°	32916	32916	32916
60°	29778	29384	29778
65°	26773	26773	26773
70°	23786	23786	23786
75°	21520	20757	21520
80°	18310	18310	18310
85°	11322	11322	11322

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42144 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.8	6.8
10°-20°	118.3	16.8
20°-30°	140.5	20.0
30°-40°	129.1	18.4
40°-50°	104.9	14.9
50°-60°	77.6	11.1
60°-70°	51.2	7.3
70°-80°	26.6	3.8
80°-90°	6.0	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°	306.6	43.7
0°-40°	435.7	62.1
0°-60°	618.2	88.1
0°-90°	702.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	702.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	526	526	526	526	526	
5°	514	513	513	513	514	48
15°	424	424	424	424	425	118
25°	306	305	305	306	305	141
35°	207	206	206	207	207	129
45°	136	135	135	135	135	105
55°	86	86	86	86	86	78
65°	52	52	52	52	52	51
75°	25	25	24	25	25	27
85°	4	4	4	4	4	6
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	525.5	525.5	525.5	525.5	525.5
1°	525.5	524.6	524.6	524.6	525.5
2°	523.7	523.7	523.7	523.7	523.7
3°	521.8	520.9	520.9	520.9	520.9
4°	518.2	517.3	517.3	517.3	517.3
5°	513.7	512.8	512.8	512.8	513.7
6°	508.3	507.4	506.4	506.4	507.4
7°	502.8	501.0	501.0	501.0	501.0
8°	494.7	493.8	493.8	493.8	493.8
9°	486.5	484.7	485.6	485.6	485.6
10°	477.5	476.6	476.6	476.6	477.5
11°	468.4	467.5	467.5	466.6	467.5
12°	457.5	457.5	457.5	457.5	457.5
13°	447.6	446.7	446.7	446.7	447.6
14°	436.7	435.8	435.8	435.8	435.8
15°	424.0	424.0	424.0	424.0	424.9
17.5°	395.0	394.1	395.0	395.0	395.9
20°	365.1	364.2	365.1	365.1	365.1
22.5°	335.2	335.2	334.3	335.2	336.1
25°	306.2	305.3	305.3	306.2	305.3
27.5°	279.0	278.1	278.1	278.1	278.1
30°	253.7	251.9	251.9	252.8	252.8
32.5°	227.4	227.4	228.3	227.4	227.4
35°	206.6	205.7	205.7	206.6	206.6
37.5°	185.7	184.8	184.8	185.7	185.7
40°	167.6	167.6	166.7	167.6	167.6
42.5°	150.4	150.4	150.4	150.4	150.4
45°	135.9	135.0	135.0	135.0	135.0
47.5°	121.4	121.4	121.4	120.5	121.4
50°	109.6	108.7	108.7	108.7	108.7
52.5°	96.9	96.9	96.9	96.9	96.9
55°	86.1	86.1	86.1	86.1	86.1
57.5°	77.0	76.1	76.1	76.1	76.1
60°	67.9	67.9	67.0	67.9	67.9
62.5°	58.9	58.9	58.9	58.9	58.9
65°	51.6	51.6	51.6	51.6	51.6
67.5°	44.4	44.4	44.4	44.4	44.4
70°	37.1	37.1	37.1	37.1	37.1
72.5°	31.7	30.8	30.8	30.8	30.8
75°	25.4	25.4	24.5	25.4	25.4
77.5°	19.0	19.0	19.0	19.0	19.0
80°	14.5	14.5	14.5	13.6	14.5
82.5°	9.1	9.1	9.1	9.1	9.1
85°	4.5	4.5	4.5	4.5	4.5
87.5°	0.9	0.9	0.9	1.8	1.8



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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)