

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: P1273031

Luminaire Tested: P3A02R359830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273031
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R359830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

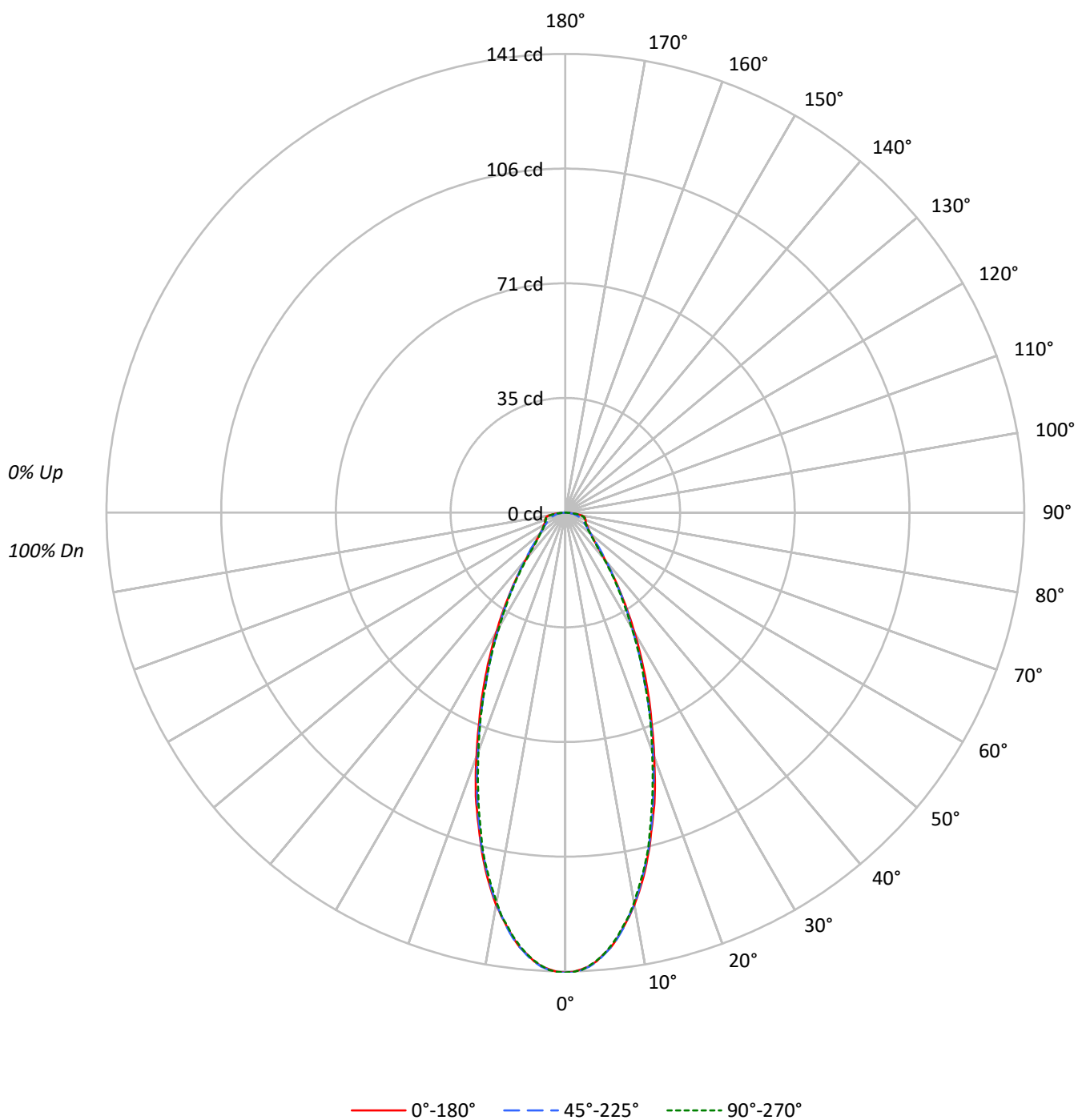
Lumens per Lamp: N/A
Luminaire Lumens: 117.0 lumens
Efficiency: N/A
Efficacy: 32.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	101	109	105	102	99	101	99	96		97	95	93		94
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	31006	31006	31006
5°	29980	30024	29980
10°	27254	27209	27076
15°	23133	23042	22838
20°	18622	18365	18202
25°	14396	13960	13960
30°	10736	10381	10280
35°	7736	7629	7442
40°	5410	5553	5210
45°	4031	4249	3907
50°	3480	3480	3411
55°	3250	3135	3211
60°	3377	3026	3201
65°	3580	3061	3528
70°	4231	3206	4103
75°	5253	3304	5168
80°	6693	3536	6061
85°	5284	3522	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 6693 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.6	10.7
10°-20°	28.0	24.0
20°-30°	26.8	22.9
30°-40°	18.0	15.4
40°-50°	10.6	9.0
50°-60°	7.6	6.5
60°-70°	6.3	5.4
70°-80°	5.2	4.4
80°-90°	2.1	1.8
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°	67.4	57.6
0°-40°	85.3	72.9
0°-60°	103.5	88.4
0°-90°	117.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	117.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	141	141	141	141	141	
5°	136	137	136	136	136	13
15°	102	102	102	101	101	28
25°	60	59	58	58	58	27
35°	29	29	28	28	28	18
45°	13	13	14	13	13	10
55°	8	8	8	8	8	8
65°	7	6	6	6	7	7
75°	6	5	4	5	6	6
85°	2	2	1	2	2	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	141.4	141.4	141.4	141.4	141.4
1°	141.2	141.4	141.4	141.2	141.2
2°	140.5	140.9	140.7	140.5	140.7
3°	139.6	140.0	139.8	139.6	139.5
4°	138.2	138.6	138.4	138.0	138.0
5°	136.2	136.6	136.4	136.2	136.2
6°	134.3	134.6	134.3	133.9	133.9
7°	131.6	132.2	131.8	131.4	131.3
8°	128.6	129.1	128.8	128.6	128.2
9°	125.6	125.9	125.4	125.4	125.4
10°	122.4	122.5	122.2	121.6	121.6
11°	118.8	118.6	118.4	118.1	117.7
12°	114.9	114.9	114.3	114.0	113.8
13°	110.8	110.6	110.2	109.9	109.9
14°	106.5	106.5	106.1	105.4	105.6
15°	101.9	102.1	101.5	100.8	100.6
17.5°	91.4	91.0	90.1	89.6	89.1
20°	79.8	79.6	78.7	78.2	78.0
22.5°	69.1	68.9	68.0	67.5	67.9
25°	59.5	58.8	57.7	57.7	57.7
27.5°	50.6	49.7	49.0	48.6	49.0
30°	42.4	41.7	41.0	40.8	40.6
32.5°	35.1	34.7	34.4	33.8	33.8
35°	28.9	28.9	28.5	28.0	27.8
37.5°	23.5	23.7	23.5	23.0	22.8
40°	18.9	19.2	19.4	18.9	18.2
42.5°	15.5	16.0	16.4	15.5	15.0
45°	13.0	13.4	13.7	13.0	12.6
47.5°	11.4	11.6	11.8	11.2	11.0
50°	10.2	10.2	10.2	10.0	10.0
52.5°	9.3	9.3	9.1	8.9	8.9
55°	8.5	8.4	8.2	8.2	8.4
57.5°	8.0	7.8	7.5	7.7	7.8
60°	7.7	7.3	6.9	7.1	7.3
62.5°	7.1	6.8	6.4	6.6	6.9
65°	6.9	6.2	5.9	6.2	6.8
67.5°	6.8	5.9	5.3	5.9	6.6
70°	6.6	5.5	5.0	5.5	6.4
72.5°	6.4	5.2	4.5	5.2	6.2
75°	6.2	4.8	3.9	4.8	6.1
77.5°	5.9	4.5	3.4	4.5	5.5
80°	5.3	4.1	2.8	3.9	4.8
82.5°	3.9	3.4	2.3	3.4	3.6
85°	2.1	2.3	1.4	2.3	2.1
87.5°	0.2	0.4	0.4	1.1	0.7



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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)