

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: P1255781

Luminaire Tested: P3A24R359035D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255781
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: P3A24R359035D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

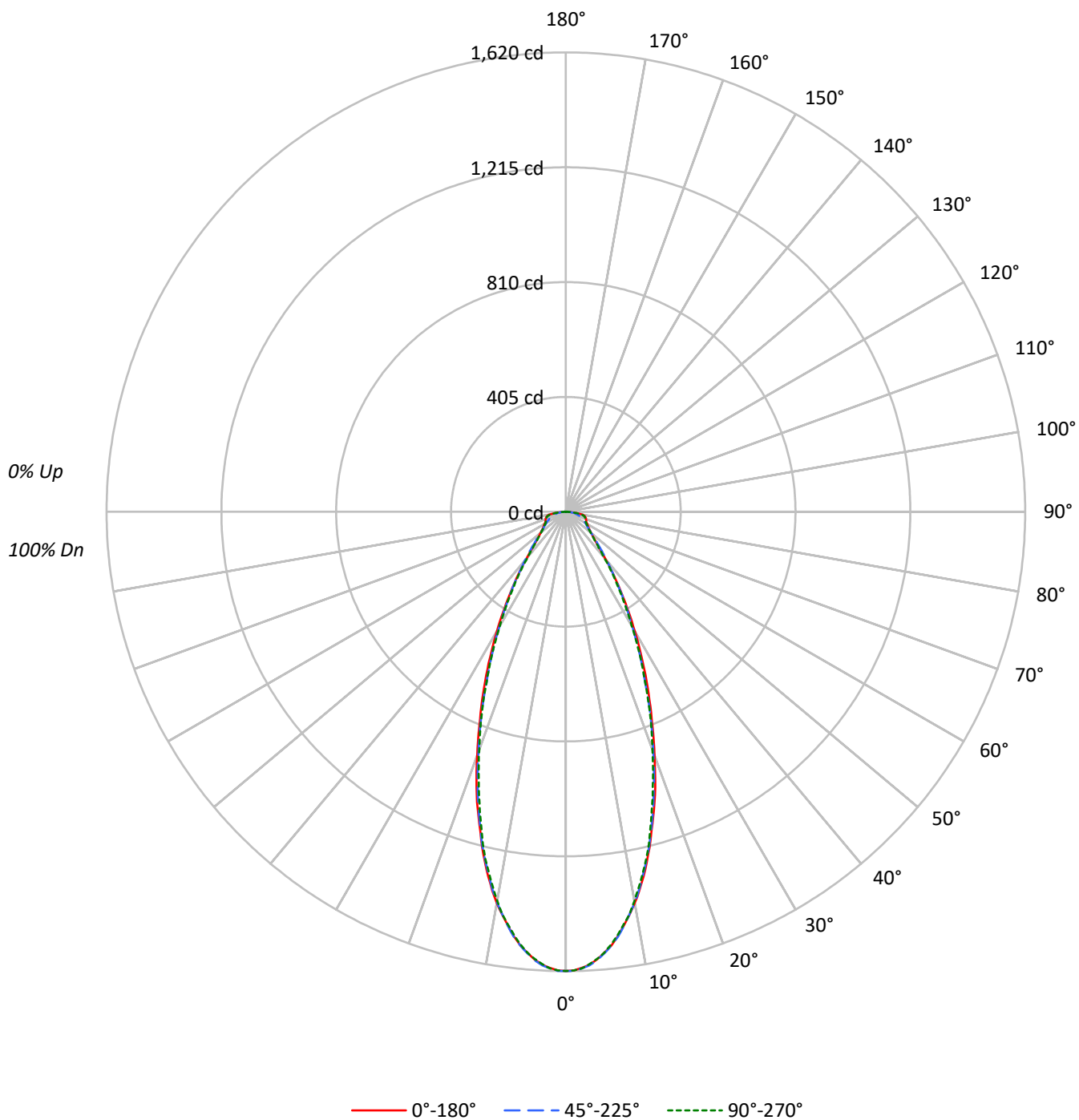
Lumens per Lamp: N/A
Luminaire Lumens: 1340.0 lumens
Efficiency: N/A
Efficacy: 46.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.68 / 0.73
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96		97	95	93		94	92	91	89
2	104	98	92	88	101	96	91	87	92	88	85		89	86	83		86	84	81	79
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80	77	74	72
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75	71	67	65
5	86	76	69	64	84	75	69	64	73	68	63		72	67	63		70	65	62	60
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	57	56
7	77	66	60	55	76	66	59	54	64	58	54		63	58	54		62	57	54	52
8	73	62	56	51	72	62	55	51	61	55	51		60	54	50		59	54	50	49
9	70	59	52	48	68	58	52	48	57	52	47		56	51	47		55	51	47	46
10	66	56	49	45	65	55	49	45	54	49	45		53	48	45		53	48	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	355147	355147	355147
5°	343473	343935	343473
10°	312018	311573	310215
15°	264882	263952	261636
20°	213239	210392	208478
25°	164840	159904	159904
30°	122930	118803	117765
35°	88446	87375	85180
40°	61887	63634	59569
45°	46175	48718	44904
50°	39675	39675	38958
55°	37428	35860	36663
60°	38462	34909	36664
65°	41301	34919	40212
70°	48406	36609	47059
75°	60493	38041	58798
80°	77283	41167	69580
85°	61641	41010	61641

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 77283 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	143.9	10.7
10°-20°	321.0	24.0
20°-30°	306.6	22.9
30°-40°	205.9	15.4
40°-50°	120.9	9.0
50°-60°	86.5	6.5
60°-70°	72.0	5.4
70°-80°	59.0	4.4
80°-90°	24.3	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°	771.4	57.6
0°-40°	977.4	72.9
0°-60°	1184.7	88.4
0°-90°	1340.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1340.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1620	1620	1620	1620	1620	
5°	1560	1564	1562	1560	1560	144
15°	1167	1169	1163	1154	1152	323
25°	681	673	661	661	661	313
35°	330	330	326	320	318	209
45°	149	153	157	149	145	120
55°	98	96	94	94	96	89
65°	80	71	67	71	78	79
75°	71	55	45	55	69	74
85°	24	26	16	26	24	28
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1619.6	1619.6	1619.6	1619.6	1619.6
1°	1617.6	1619.6	1619.6	1617.6	1617.6
2°	1609.4	1613.5	1611.4	1609.4	1611.4
3°	1599.2	1603.3	1601.2	1599.2	1597.2
4°	1582.9	1587.0	1584.9	1580.8	1580.8
5°	1560.4	1564.5	1562.5	1560.4	1560.4
6°	1538.0	1542.1	1538.0	1533.9	1533.9
7°	1507.4	1513.5	1509.4	1505.4	1503.3
8°	1472.7	1478.8	1474.8	1472.7	1468.6
9°	1438.0	1442.1	1436.0	1436.0	1436.0
10°	1401.3	1403.4	1399.3	1393.2	1393.2
11°	1360.5	1358.5	1356.5	1352.4	1348.3
12°	1315.7	1315.7	1309.5	1305.5	1303.4
13°	1268.7	1266.7	1262.6	1258.5	1258.5
14°	1219.8	1219.8	1215.7	1207.6	1209.6
15°	1166.8	1168.8	1162.7	1154.5	1152.5
17.5°	1046.4	1042.3	1032.1	1026.0	1019.9
20°	913.8	911.8	901.6	895.5	893.4
22.5°	791.4	789.4	779.2	773.1	777.2
25°	681.3	673.1	660.9	660.9	660.9
27.5°	579.3	569.1	560.9	556.9	560.9
30°	485.5	477.3	469.2	467.1	465.1
32.5°	401.8	397.8	393.7	387.6	387.6
35°	330.4	330.4	326.4	320.2	318.2
37.5°	269.3	271.3	269.3	263.1	261.1
40°	216.2	220.3	222.3	216.2	208.1
42.5°	177.5	183.6	187.7	177.5	171.3
45°	148.9	153.0	157.1	148.9	144.8
47.5°	130.5	132.6	134.6	128.5	126.5
50°	116.3	116.3	116.3	114.2	114.2
52.5°	106.1	106.1	104.0	102.0	102.0
55°	97.9	95.9	93.8	93.8	95.9
57.5°	91.8	89.8	85.7	87.7	89.8
60°	87.7	83.6	79.6	81.6	83.6
62.5°	81.6	77.5	73.4	75.5	79.6
65°	79.6	71.4	67.3	71.4	77.5
67.5°	77.5	67.3	61.2	67.3	75.5
70°	75.5	63.2	57.1	63.2	73.4
72.5°	73.4	59.2	51.0	59.2	71.4
75°	71.4	55.1	44.9	55.1	69.4
77.5°	67.3	51.0	38.8	51.0	63.2
80°	61.2	46.9	32.6	44.9	55.1
82.5°	44.9	38.8	26.5	38.8	40.8
85°	24.5	26.5	16.3	26.5	24.5
87.5°	2.0	4.1	4.1	12.2	8.2



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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)