

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: P1258488

Luminaire Tested: P3AS24R359040D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258488
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: P3AS24R359040D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

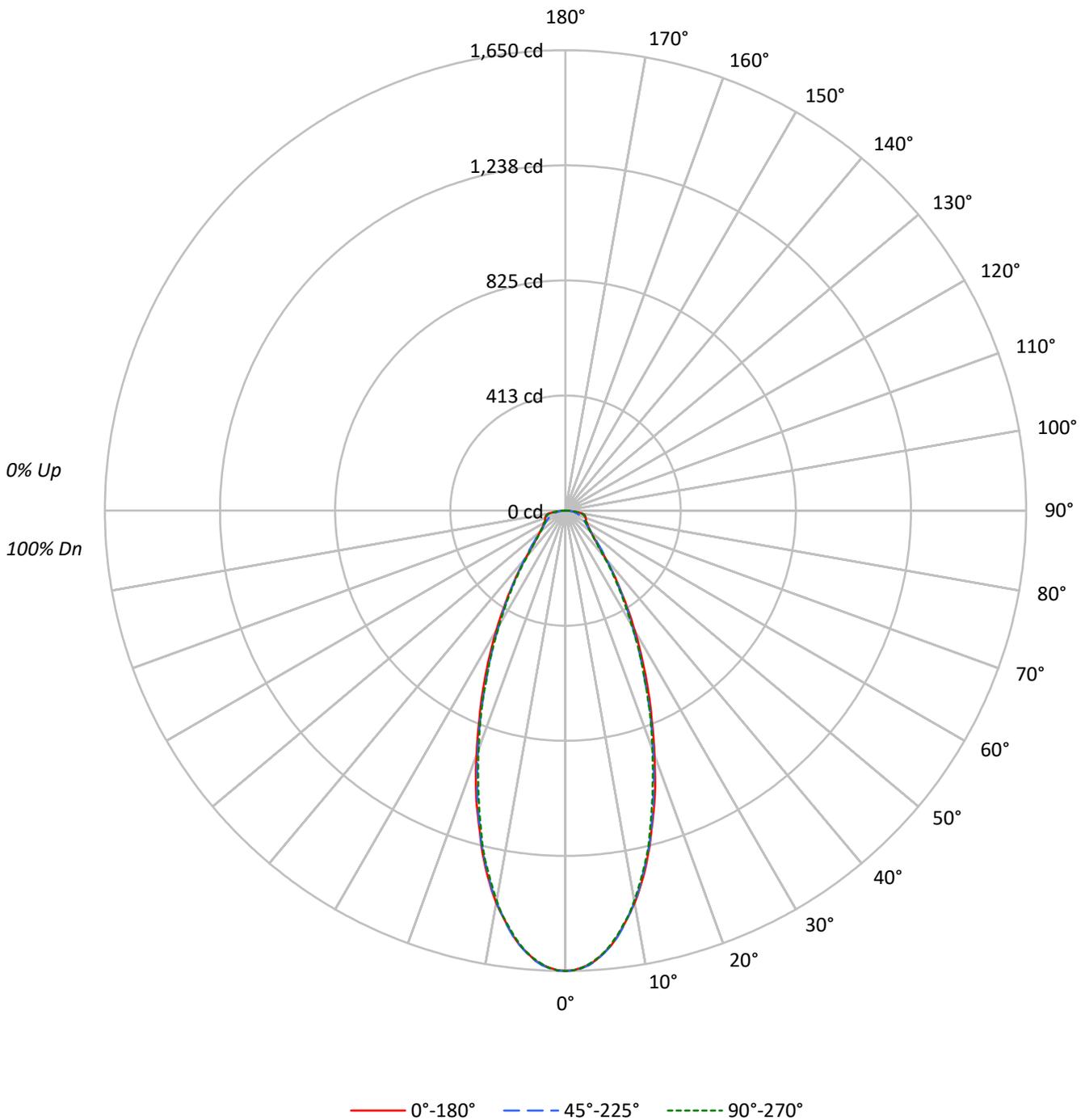
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1365.0 lumens
Efficiency: N/A
Efficacy: 47.4 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 (A_{in}): 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	111	107	104	101	109	105	102	99	101	99	96	97	95	93	94	92	91	91	91	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	84	81	81	81	81	79
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	74	74	74	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	67	65
5	86	76	69	64	84	75	69	64	73	68	63	72	67	63	70	65	62	62	62	62	60
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	57	57	57	57	56
7	77	66	60	55	76	66	59	54	64	58	54	63	58	54	62	57	54	54	54	54	52
8	73	62	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	50	50	50	49
9	70	59	52	48	68	58	52	48	57	52	47	56	51	47	55	51	47	47	47	47	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	361769	361769	361769
5°	349878	350340	349878
10°	317852	317384	316004
15°	269809	268878	266517
20°	217229	214312	212375
25°	167913	162880	162880
30°	125209	121006	119943
35°	90105	89008	86759
40°	63061	64836	60657
45°	47044	49618	45741
50°	40391	40391	39709
55°	38116	36548	37351
60°	39164	35523	37365
65°	42028	35594	40990
70°	49303	37314	47957
75°	61594	38719	59815
80°	78672	41925	70842
85°	62647	41765	62647

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 78672 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.5	10.7
10°-20°	327.0	24.0
20°-30°	312.3	22.9
30°-40°	209.8	15.4
40°-50°	123.1	9.0
50°-60°	88.1	6.5
60°-70°	73.3	5.4
70°-80°	60.1	4.4
80°-90°	24.8	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°	785.8	57.6
0°-40°	995.6	72.9
0°-60°	1206.8	88.4
0°-90°	1365.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1365.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1650	1650	1650	1650	1650	
5°	1590	1594	1592	1590	1590	147
15°	1188	1191	1184	1176	1174	329
25°	694	686	673	673	673	318
35°	337	337	332	326	324	213
45°	152	156	160	152	148	122
55°	100	98	96	96	98	91
65°	81	73	69	73	79	81
75°	73	56	46	56	71	76
85°	25	27	17	27	25	28
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1649.8	1649.8	1649.8	1649.8	1649.8
1°	1647.7	1649.8	1649.8	1647.7	1647.7
2°	1639.4	1643.6	1641.5	1639.4	1641.5
3°	1629.0	1633.2	1631.1	1629.0	1627.0
4°	1612.4	1616.6	1614.5	1610.3	1610.3
5°	1589.5	1593.7	1591.6	1589.5	1589.5
6°	1566.7	1570.8	1566.7	1562.5	1562.5
7°	1535.5	1541.8	1537.6	1533.4	1531.4
8°	1500.2	1506.4	1502.3	1500.2	1496.0
9°	1464.9	1469.0	1462.8	1462.8	1462.8
10°	1427.5	1429.6	1425.4	1419.2	1419.2
11°	1385.9	1383.8	1381.8	1377.6	1373.5
12°	1340.2	1340.2	1334.0	1329.8	1327.7
13°	1292.4	1290.3	1286.2	1282.0	1282.0
14°	1242.5	1242.5	1238.4	1230.1	1232.2
15°	1188.5	1190.6	1184.4	1176.1	1174.0
17.5°	1065.9	1061.8	1051.4	1045.2	1038.9
20°	930.9	928.8	918.4	912.2	910.1
22.5°	806.2	804.1	793.7	787.5	791.7
25°	694.0	685.7	673.2	673.2	673.2
27.5°	590.1	579.7	571.4	567.3	571.4
30°	494.5	486.2	477.9	475.8	473.7
32.5°	409.3	405.2	401.0	394.8	394.8
35°	336.6	336.6	332.5	326.2	324.1
37.5°	274.3	276.4	274.3	268.0	266.0
40°	220.3	224.4	226.5	220.3	211.9
42.5°	180.8	187.0	191.2	180.8	174.5
45°	151.7	155.8	160.0	151.7	147.5
47.5°	133.0	135.1	137.1	130.9	128.8
50°	118.4	118.4	118.4	116.4	116.4
52.5°	108.0	108.0	106.0	103.9	103.9
55°	99.7	97.7	95.6	95.6	97.7
57.5°	93.5	91.4	87.3	89.3	91.4
60°	89.3	85.2	81.0	83.1	85.2
62.5°	83.1	79.0	74.8	76.9	81.0
65°	81.0	72.7	68.6	72.7	79.0
67.5°	79.0	68.6	62.3	68.6	76.9
70°	76.9	64.4	58.2	64.4	74.8
72.5°	74.8	60.3	51.9	60.3	72.7
75°	72.7	56.1	45.7	56.1	70.6
77.5°	68.6	51.9	39.5	51.9	64.4
80°	62.3	47.8	33.2	45.7	56.1
82.5°	45.7	39.5	27.0	39.5	41.6
85°	24.9	27.0	16.6	27.0	24.9
87.5°	2.1	4.2	4.2	12.5	8.3



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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)