

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: P1309568

Luminaire Tested: P3SQAS24R259035D010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309568
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R259035D010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

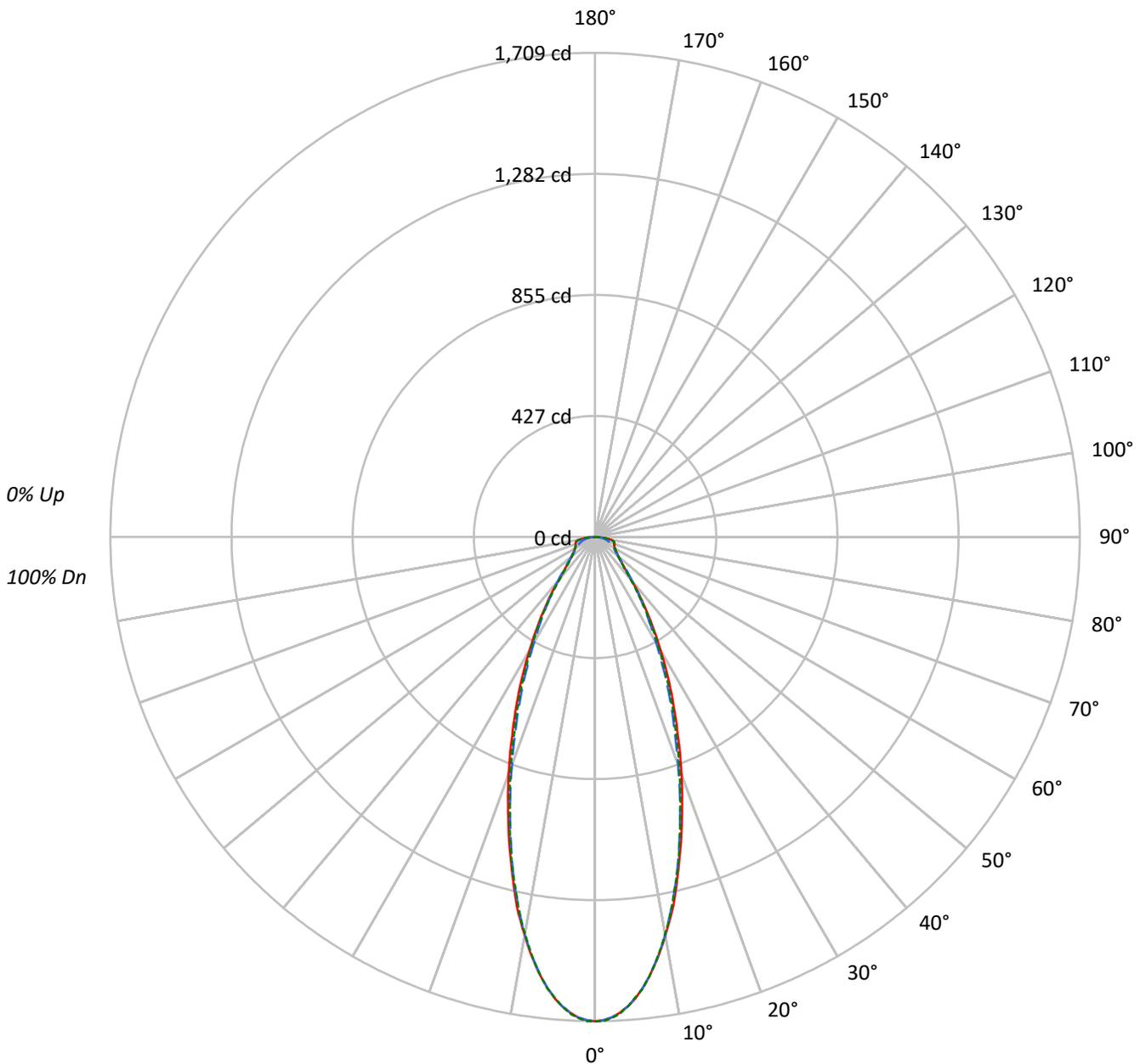
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1291.0 lumens
Efficiency: N/A
Efficacy: 44.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 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

TEST NUMBER: P1309568
CATALOG NUMBER: P3SQAS24R259035D010 E3SQPHLP1MW

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270°



TEST NUMBER: P1309568
 CATALOG NUMBER: P3SQAS24R259035D010 E3SQPHLP1MW

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	102	96	91	87	93	89	85	89	86	83	87	84	81	81	81	81	80
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	74	74	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	69	75	71	68	68	68	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	63	63	63	63	61
6	82	72	65	60	80	71	64	59	69	63	59	68	62	59	66	62	58	58	58	58	56
7	78	67	60	55	76	66	60	55	65	59	55	64	58	55	62	58	54	54	54	54	53
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	51	51	51	49
9	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	48	48	48	46
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	49	45	45	45	45	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	294397	294397	294397
5°	282469	282124	282124
10°	249710	249343	248644
15°	206219	203313	204401
20°	163372	156646	159266
25°	124429	117836	120933
30°	91677	85194	88833
35°	65617	62611	63473
40°	44942	45863	43570
45°	33295	35267	32783
50°	28963	28963	28427
55°	27564	26333	27564
60°	28107	26006	28107
65°	30767	26611	30767
70°	36960	26688	35953
75°	46180	28480	46180
80°	58714	30349	54648
85°	48413	28257	48413

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 80°
 Luminance: 58714 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.2	11.6
10°-20°	316.9	24.6
20°-30°	290.4	22.5
30°-40°	191.6	14.8
40°-50°	111.5	8.6
50°-60°	81.5	6.3
60°-70°	69.2	5.4
70°-80°	57.2	4.4
80°-90°	23.6	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°	756.5	58.6
0°-40°	948.1	73.4
0°-60°	1141.0	88.4
0°-90°	1291.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1291.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1709	1709	1709	1709	1709	
5°	1634	1632	1632	1634	1632	149
15°	1157	1152	1140	1144	1146	321
25°	655	636	620	622	636	301
35°	312	306	298	298	302	197
45°	137	141	145	137	135	110
55°	92	92	88	90	92	83
65°	76	69	65	69	76	75
75°	69	53	43	53	69	73
85°	24	26	14	26	24	27
90°	0	0	0	0	0	



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CATALOG NUMBER: P3SQAS24R259035D010 E3SQPHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1709.4	1709.4	1709.4	1709.4	1709.4
1°	1705.3	1705.3	1705.3	1705.3	1709.4
2°	1697.1	1695.1	1697.1	1697.1	1699.2
3°	1680.8	1680.8	1680.8	1680.8	1684.9
4°	1660.4	1660.4	1660.4	1660.4	1660.4
5°	1633.9	1631.9	1631.9	1633.9	1631.9
6°	1601.3	1601.3	1601.3	1601.3	1603.3
7°	1564.6	1562.5	1562.5	1560.5	1564.6
8°	1521.7	1521.7	1519.7	1517.6	1521.7
9°	1476.8	1478.9	1474.8	1472.8	1472.8
10°	1427.9	1425.8	1425.8	1425.8	1421.8
11°	1378.9	1372.8	1370.8	1370.8	1374.8
12°	1330.0	1319.8	1315.7	1315.7	1315.7
13°	1270.8	1266.7	1260.6	1256.5	1258.6
14°	1211.7	1211.7	1201.5	1201.5	1205.5
15°	1156.6	1152.5	1140.3	1144.3	1146.4
17.5°	1019.9	1011.8	997.5	997.5	999.5
20°	891.4	877.1	854.7	864.9	869.0
22.5°	764.9	750.7	728.2	738.4	742.5
25°	654.8	636.4	620.1	622.1	636.4
27.5°	554.8	534.4	518.1	524.2	532.4
30°	461.0	448.8	428.4	438.6	446.7
32.5°	381.4	371.2	357.0	363.1	371.2
35°	312.1	306.0	297.8	297.8	301.9
37.5°	252.9	250.9	246.8	244.8	242.7
40°	199.9	204.0	204.0	199.9	193.8
42.5°	163.2	167.3	171.3	163.2	157.1
45°	136.7	140.7	144.8	136.7	134.6
47.5°	120.4	122.4	124.4	120.4	118.3
50°	108.1	108.1	108.1	106.1	106.1
52.5°	100.0	97.9	95.9	97.9	97.9
55°	91.8	91.8	87.7	89.8	91.8
57.5°	85.7	83.6	81.6	83.6	85.7
60°	81.6	77.5	75.5	77.5	81.6
62.5°	77.5	73.4	69.4	73.4	77.5
65°	75.5	69.4	65.3	69.4	75.5
67.5°	73.4	65.3	59.2	65.3	73.4
70°	73.4	61.2	53.0	61.2	71.4
72.5°	71.4	57.1	49.0	57.1	71.4
75°	69.4	53.0	42.8	53.0	69.4
77.5°	67.3	49.0	36.7	49.0	65.3
80°	59.2	44.9	30.6	44.9	55.1
82.5°	42.8	36.7	24.5	36.7	40.8
85°	24.5	26.5	14.3	26.5	24.5
87.5°	4.1	6.1	4.1	10.2	8.2



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CATALOG NUMBER: P3SQAS24R259035D010 E3SQPHLP1MW

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)