

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: P1308450

Luminaire Tested: P3SQAS24R259030D010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308450
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: P3SQAS24R259030D010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

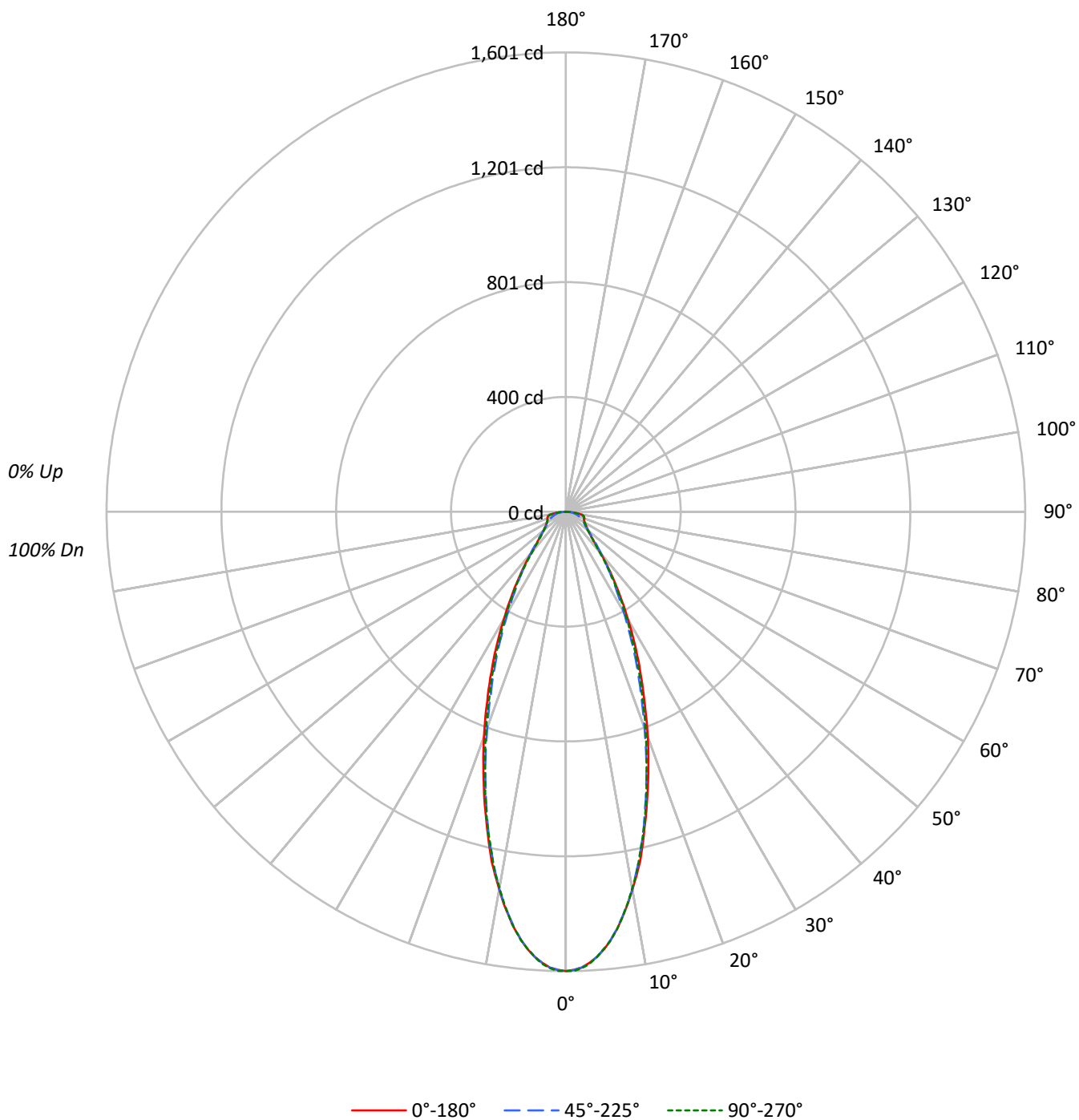
Lumens per Lamp: N/A
Luminaire Lumens: 1209.0 lumens
Efficiency: N/A
Efficacy: 42.0 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (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	102	96	91	87	93	89	85		89	86	83		87	84	81	80
3	98	90	83	78	95	88	82	78	85	80	76		83	79	75		80	77	74	72
4	92	83	76	71	90	81	75	70	79	74	69		77	72	69		75	71	68	66
5	87	77	70	65	85	76	69	64	74	68	64		72	67	63		70	66	63	61
6	82	72	65	60	80	71	64	59	69	63	59		68	62	59		66	62	58	56
7	78	67	60	55	76	66	60	55	65	59	55		64	58	55		62	58	54	53
8	74	63	56	52	72	62	56	52	61	55	51		60	55	51		59	54	51	49
9	70	60	53	49	69	59	53	48	58	52	48		57	52	48		56	51	48	46
10	67	56	50	46	66	56	50	46	55	49	46		54	49	45		53	49	45	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	275694	275694	275694
5°	264524	264196	264196
10°	233849	233517	232852
15°	193115	190387	191421
20°	152998	146694	149150
25°	116524	110348	113256
30°	85850	79785	83185
35°	61455	58637	59436
40°	42086	42941	40805
45°	31176	33027	30713
50°	27115	27115	26606
55°	25822	24651	25822
60°	26316	24352	26316
65°	28811	24899	28811
70°	34644	25026	33687
75°	43186	26683	43186
80°	54945	28464	51176
85°	45251	26479	45251

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 54945 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	139.7	11.6
10°-20°	296.8	24.6
20°-30°	272.0	22.5
30°-40°	179.4	14.8
40°-50°	104.4	8.6
50°-60°	76.3	6.3
60°-70°	64.8	5.4
70°-80°	53.6	4.4
80°-90°	22.1	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°	708.5	58.6
0°-40°	887.9	73.4
0°-60°	1068.6	88.4
0°-90°	1209.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1209.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1601	1601	1601	1601	1601	
5°	1530	1528	1528	1530	1528	140
15°	1083	1079	1068	1072	1074	300
25°	613	596	581	583	596	282
35°	292	286	279	279	283	185
45°	128	132	136	128	126	103
55°	86	86	82	84	86	78
65°	71	65	61	65	71	71
75°	65	50	40	50	65	68
85°	23	25	13	25	23	26
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1600.8	1600.8	1600.8	1600.8	1600.8
1°	1597.0	1597.0	1597.0	1597.0	1600.8
2°	1589.3	1587.4	1589.3	1589.3	1591.3
3°	1574.1	1574.1	1574.1	1574.1	1577.9
4°	1555.0	1555.0	1555.0	1555.0	1555.0
5°	1530.1	1528.2	1528.2	1530.1	1528.2
6°	1499.6	1499.6	1499.6	1499.6	1501.5
7°	1465.2	1463.3	1463.3	1461.4	1465.2
8°	1425.1	1425.1	1423.2	1421.2	1425.1
9°	1383.0	1384.9	1381.1	1379.2	1379.2
10°	1337.2	1335.3	1335.3	1335.3	1331.5
11°	1291.3	1285.6	1283.7	1283.7	1287.5
12°	1245.5	1235.9	1232.1	1232.1	1232.1
13°	1190.1	1186.3	1180.5	1176.7	1178.6
14°	1134.7	1134.7	1125.1	1125.1	1129.0
15°	1083.1	1079.3	1067.8	1071.7	1073.6
17.5°	955.1	947.5	934.1	934.1	936.0
20°	834.8	821.4	800.4	810.0	813.8
22.5°	716.4	703.0	682.0	691.5	695.3
25°	613.2	596.0	580.7	582.6	596.0
27.5°	519.6	500.5	485.2	490.9	498.6
30°	431.7	420.3	401.2	410.7	418.3
32.5°	357.2	347.7	334.3	340.0	347.7
35°	292.3	286.5	278.9	278.9	282.7
37.5°	236.9	235.0	231.1	229.2	227.3
40°	187.2	191.0	191.0	187.2	181.5
42.5°	152.8	156.6	160.5	152.8	147.1
45°	128.0	131.8	135.6	128.0	126.1
47.5°	112.7	114.6	116.5	112.7	110.8
50°	101.2	101.2	101.2	99.3	99.3
52.5°	93.6	91.7	89.8	91.7	91.7
55°	86.0	86.0	82.1	84.1	86.0
57.5°	80.2	78.3	76.4	78.3	80.2
60°	76.4	72.6	70.7	72.6	76.4
62.5°	72.6	68.8	64.9	68.8	72.6
65°	70.7	64.9	61.1	64.9	70.7
67.5°	68.8	61.1	55.4	61.1	68.8
70°	68.8	57.3	49.7	57.3	66.9
72.5°	66.9	53.5	45.8	53.5	66.9
75°	64.9	49.7	40.1	49.7	64.9
77.5°	63.0	45.8	34.4	45.8	61.1
80°	55.4	42.0	28.7	42.0	51.6
82.5°	40.1	34.4	22.9	34.4	38.2
85°	22.9	24.8	13.4	24.8	22.9
87.5°	3.8	5.7	3.8	9.6	7.6



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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)