

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: P1309912

Luminaire Tested: P3SQAS05R259040DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309912
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: P3SQAS05R259040DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

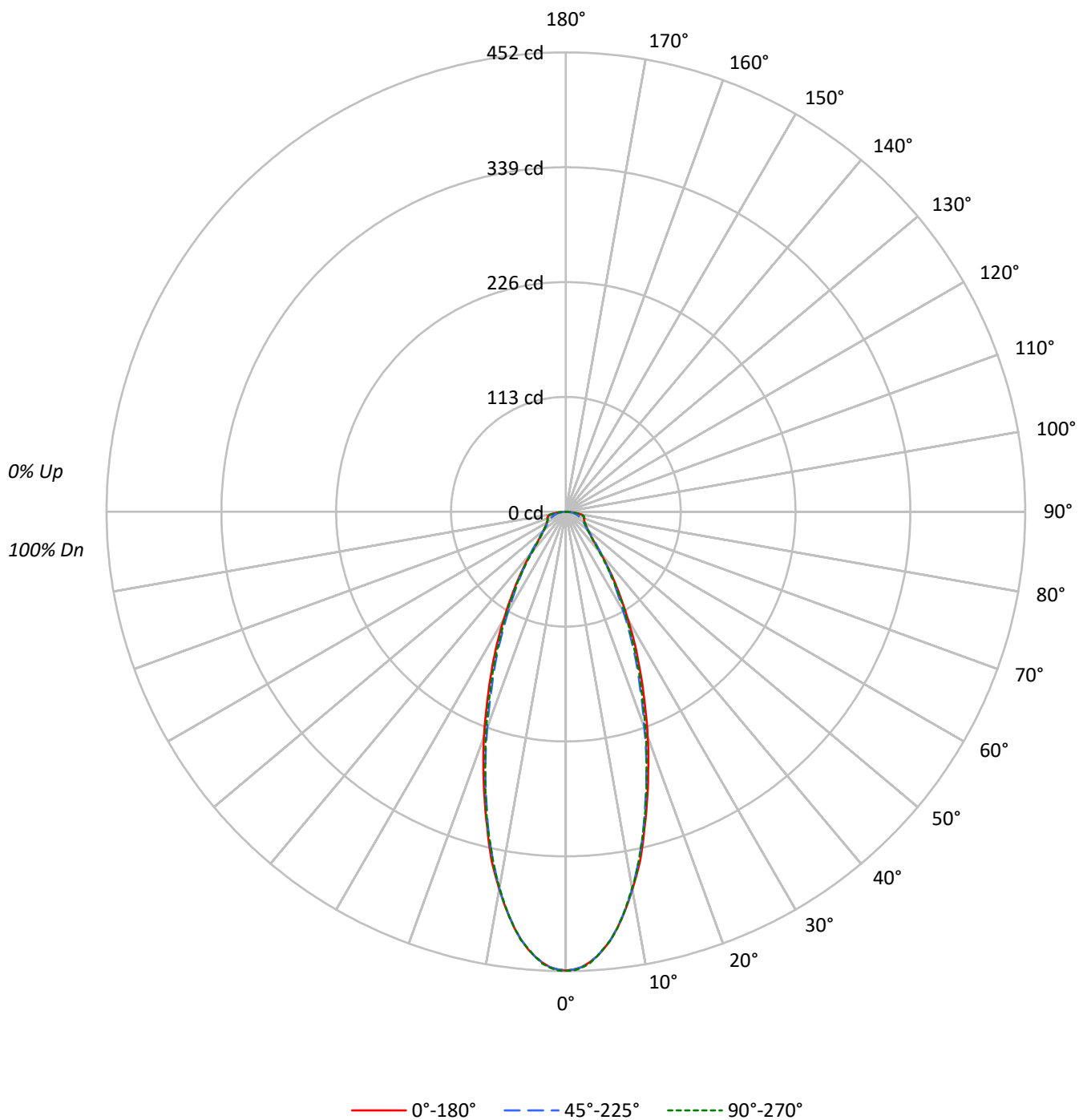
Lumens per Lamp: N/A
Luminaire Lumens: 341.0 lumens
Efficiency: N/A
Efficacy: 47.4 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.64 / 0.68
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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

TEST NUMBER: P1309912

CATALOG NUMBER: P3SQAS05R259040DE010 E3SQPHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1309912

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	77759	77759	77759
5°	74615	74511	74511
10°	65965	65860	65667
15°	54470	53703	53989
20°	43161	41384	42062
25°	32875	31126	31943
30°	24222	22492	23466
35°	17324	16546	16757
40°	11871	12118	11511
45°	8793	9328	8671
50°	7663	7663	7502
55°	7266	6966	7266
60°	7440	6854	7440
65°	8110	7009	8110
70°	9769	7050	9517
75°	12177	7519	12177
80°	15472	8034	14381
85°	12844	7509	12844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 15472 cd/sqm

TEST NUMBER: P1309912

CATALOG NUMBER: P3SQAS05R259040DE010 E3SQPHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.4	11.6
10°-20°	83.7	24.5
20°-30°	76.7	22.5
30°-40°	50.6	14.8
40°-50°	29.5	8.6
50°-60°	21.5	6.3
60°-70°	18.3	5.4
70°-80°	15.1	4.4
80°-90°	6.2	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°	199.8	58.6
0°-40°	250.4	73.4
0°-60°	301.4	88.4
0°-90°	341.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	341.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	452	452	452	452	452	
5°	432	431	431	432	431	39
15°	306	304	301	302	303	85
25°	173	168	164	164	168	80
35°	82	81	79	79	80	52
45°	36	37	38	36	36	29
55°	24	24	23	24	24	22
65°	20	18	17	18	20	20
75°	18	14	11	14	18	19
85°	6	7	4	7	6	7
90°	0	0	0	0	0	

TEST NUMBER: P1309912

CATALOG NUMBER: P3SQAS05R259040DE010 E3SQPHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	451.5	451.5	451.5	451.5	451.5
1°	450.4	450.4	450.4	450.4	451.5
2°	448.3	447.7	448.3	448.3	448.8
3°	444.0	444.0	444.0	444.0	445.0
4°	438.6	438.6	438.6	438.6	438.6
5°	431.6	431.0	431.0	431.6	431.0
6°	423.0	423.0	423.0	423.0	423.5
7°	413.3	412.7	412.7	412.2	413.3
8°	401.9	401.9	401.4	400.9	401.9
9°	390.1	390.6	389.5	389.0	389.0
10°	377.2	376.6	376.6	376.6	375.5
11°	364.2	362.6	362.1	362.1	363.1
12°	351.3	348.6	347.5	347.5	347.5
13°	335.7	334.6	333.0	331.9	332.4
14°	320.0	320.0	317.3	317.3	318.4
15°	305.5	304.4	301.2	302.3	302.8
17.5°	269.4	267.2	263.5	263.5	264.0
20°	235.5	231.7	225.8	228.4	229.5
22.5°	202.0	198.3	192.3	195.0	196.1
25°	173.0	168.1	163.8	164.3	168.1
27.5°	146.6	141.2	136.9	138.5	140.6
30°	121.8	118.5	113.1	115.8	118.0
32.5°	100.8	98.1	94.3	95.9	98.1
35°	82.4	80.8	78.7	78.7	79.7
37.5°	66.8	66.3	65.2	64.7	64.1
40°	52.8	53.9	53.9	52.8	51.2
42.5°	43.1	44.2	45.3	43.1	41.5
45°	36.1	37.2	38.3	36.1	35.6
47.5°	31.8	32.3	32.9	31.8	31.3
50°	28.6	28.6	28.6	28.0	28.0
52.5°	26.4	25.9	25.3	25.9	25.9
55°	24.2	24.2	23.2	23.7	24.2
57.5°	22.6	22.1	21.6	22.1	22.6
60°	21.6	20.5	19.9	20.5	21.6
62.5°	20.5	19.4	18.3	19.4	20.5
65°	19.9	18.3	17.2	18.3	19.9
67.5°	19.4	17.2	15.6	17.2	19.4
70°	19.4	16.2	14.0	16.2	18.9
72.5°	18.9	15.1	12.9	15.1	18.9
75°	18.3	14.0	11.3	14.0	18.3
77.5°	17.8	12.9	9.7	12.9	17.2
80°	15.6	11.9	8.1	11.9	14.5
82.5°	11.3	9.7	6.5	9.7	10.8
85°	6.5	7.0	3.8	7.0	6.5
87.5°	1.1	1.6	1.1	2.7	2.2



TEST NUMBER: P1309912

CATALOG NUMBER: P3SQAS05R259040DE010 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)