

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: P1314034

Luminaire Tested: P3SQAS05R209735DE010 E3SQPHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314034
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R209735DE010 E3SQPHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3SQPHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

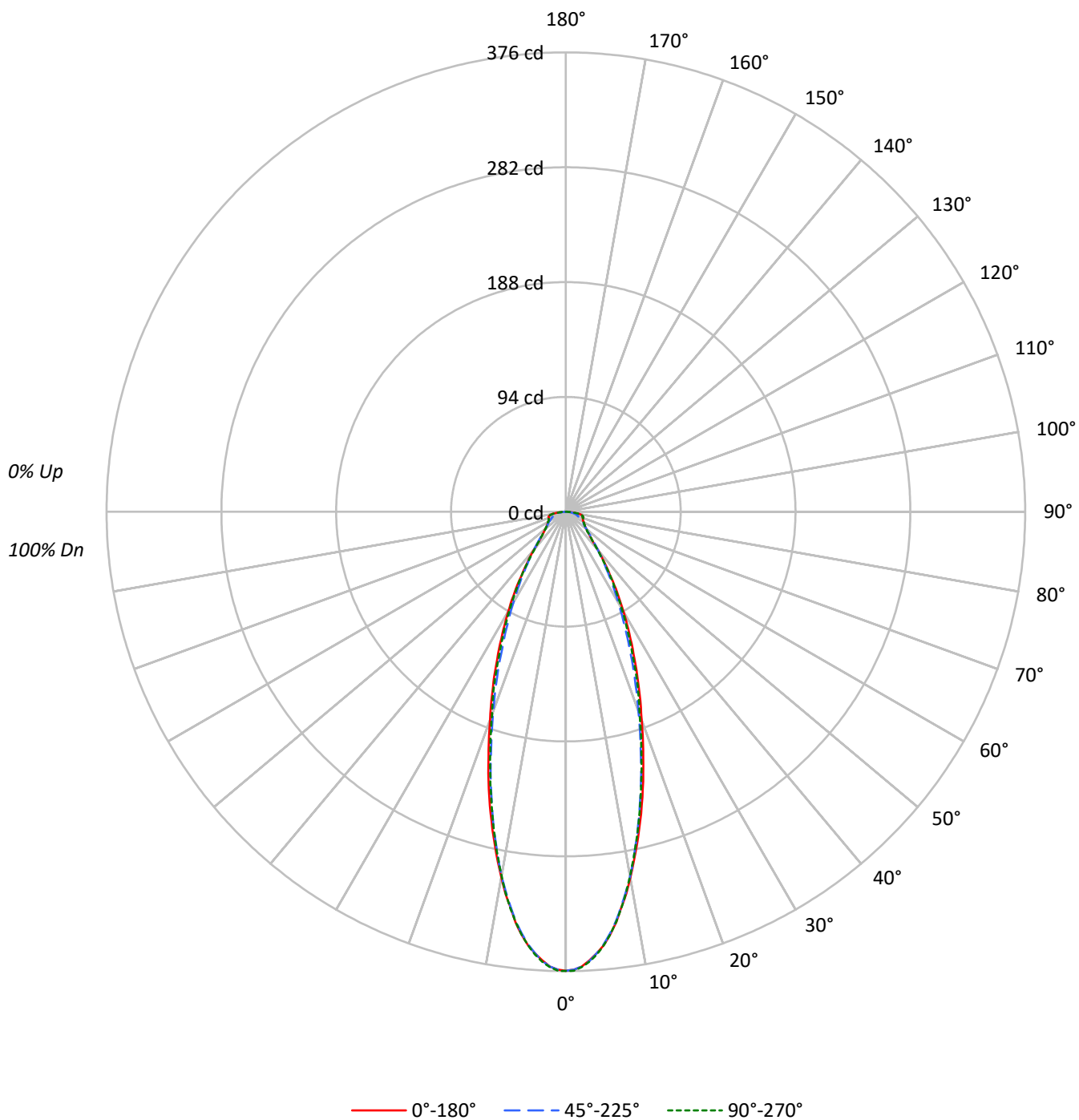
Lumens per Lamp: N/A
Luminaire Lumens: 265.0 lumens
Efficiency: N/A
Efficacy: 36.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.6 / 0.65
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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: P1314034

CATALOG NUMBER: P3SQAS05R209735DE010 E3SQPHLP1MW

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	108	104	101	109	105	102	100	101	99	96		97	95	94		94	92	91	89
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87	84	82	80
3	98	90	83	79	96	88	83	78	85	81	77		83	79	75		81	77	74	72
4	92	83	76	71	90	82	75	71	79	74	70		77	73	69		75	71	68	66
5	87	77	70	65	85	76	70	65	74	68	64		72	67	63		71	66	63	61
6	82	72	65	60	81	71	65	60	69	64	59		68	63	59		67	62	59	57
7	78	67	61	56	77	67	60	56	65	60	55		64	59	55		63	58	55	53
8	74	63	57	52	73	63	57	52	62	56	52		61	55	52		60	55	51	50
9	71	60	53	49	69	59	53	49	58	53	49		57	52	49		57	52	48	47
10	67	57	50	46	66	56	50	46	55	50	46		55	50	46		54	49	46	44

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	64721	64721	64721
5°	61580	61424	61580
10°	53163	52988	52919
15°	43148	42150	42310
20°	33246	31780	32385
25°	25255	23392	24532
30°	18733	17063	18176
35°	13224	12341	13035
40°	9128	9128	8903
45°	6698	7039	6698
50°	5868	5868	5868
55°	5585	5465	5585
60°	5787	5304	5787
65°	6276	5338	6276
70°	7503	5388	7503
75°	9649	5922	9649
80°	12001	6050	11604
85°	9287	5533	10078

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 12001 cd/sqm

TEST NUMBER: P1314034

CATALOG NUMBER: P3SQAS05R209735DE010 E3SQPHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.2	12.2
10°-20°	65.8	24.8
20°-30°	58.8	22.2
30°-40°	38.6	14.6
40°-50°	22.4	8.5
50°-60°	16.6	6.3
60°-70°	14.1	5.3
70°-80°	11.6	4.4
80°-90°	4.9	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°	156.8	59.2
0°-40°	195.4	73.7
0°-60°	234.5	88.5
0°-90°	265.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	265.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	376	376	376	376	376	
5°	356	356	355	356	356	32
15°	242	240	236	237	237	67
25°	133	129	123	126	129	61
35°	63	61	59	61	62	40
45°	28	28	29	28	28	22
55°	19	18	18	18	19	17
65°	15	14	13	14	15	15
75°	14	11	9	11	14	15
85°	5	5	3	5	5	5
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	375.8	375.8	375.8	375.8	375.8
1°	374.8	375.3	374.8	375.3	375.8
2°	372.5	373.0	372.5	372.5	373.0
3°	367.8	368.3	368.3	368.3	368.8
4°	362.2	362.7	362.2	362.7	363.2
5°	356.2	355.7	355.3	355.7	356.2
6°	347.8	347.3	346.9	347.3	347.8
7°	338.5	338.0	337.5	337.5	338.0
8°	326.8	327.3	325.9	326.8	327.3
9°	316.6	315.6	314.7	314.7	315.6
10°	304.0	303.0	303.0	302.6	302.6
12.5°	273.2	271.3	269.9	269.9	270.4
15°	242.0	239.6	236.4	236.8	237.3
17.5°	210.7	207.9	203.7	204.7	205.6
20°	181.4	178.6	173.4	175.3	176.7
22.5°	156.2	152.0	147.3	148.7	153.4
25°	132.9	129.1	123.1	126.3	129.1
27.5°	112.4	108.2	103.0	106.3	109.1
30°	94.2	90.4	85.8	88.6	91.4
32.5°	77.9	74.6	71.3	73.2	75.5
35°	62.9	61.1	58.7	60.6	62.0
37.5°	50.8	49.9	49.0	49.9	49.4
40°	40.6	41.0	40.6	40.6	39.6
42.5°	32.2	33.6	34.0	33.1	32.2
45°	27.5	28.0	28.9	28.0	27.5
47.5°	24.2	24.2	24.7	24.2	23.8
50°	21.9	21.9	21.9	21.9	21.9
52.5°	20.0	20.0	19.6	20.0	20.0
55°	18.6	18.2	18.2	18.2	18.6
57.5°	17.7	17.2	16.8	17.2	17.7
60°	16.8	15.9	15.4	15.9	16.8
62.5°	15.9	14.9	14.5	14.9	15.9
65°	15.4	14.0	13.1	14.0	15.4
67.5°	14.9	13.1	12.1	13.1	15.4
70°	14.9	12.1	10.7	12.6	14.9
72.5°	14.5	11.7	9.8	11.7	14.5
75°	14.5	10.7	8.9	10.7	14.5
77.5°	13.5	9.8	7.5	9.8	13.5
80°	12.1	8.9	6.1	8.9	11.7
82.5°	8.9	7.5	4.7	7.5	8.9
85°	4.7	5.1	2.8	5.1	5.1
87.5°	0.5	1.9	0.9	2.8	2.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)