

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: P1315259

Luminaire Tested: P3SQAS09R609740DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315259
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS09R609740DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

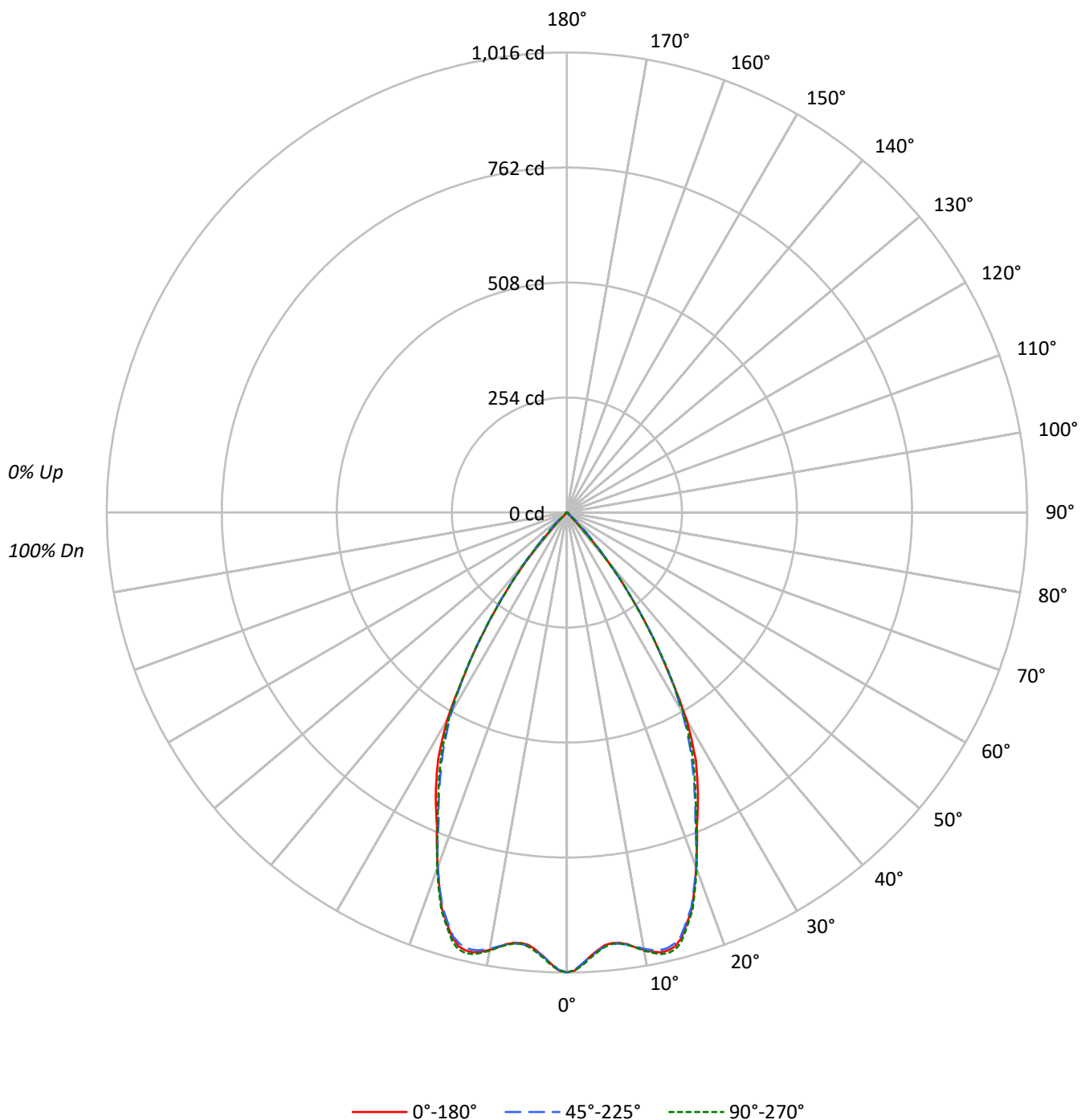
Lumens per Lamp: N/A
Luminaire Lumens: 905.9 lumens
Efficiency: N/A
Efficacy: 81.6 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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
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	114	111	108	106	111	109	107	105	105	103	101		101	100	98		98
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	79		83
5	93	85	79	75	91	84	79	75	82	77	74		80	76	73		79
6	88	80	74	70	87	79	73	69	77	73	69		76	72	68		75
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	70	65	61	69	64	60		68	64	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	174944	174944	174944
5°	165792	166294	166536
10°	171557	171067	171924
15°	173644	172896	174661
20°	152907	152778	153548
25°	130111	126349	127432
30°	105021	101342	103052
35°	66458	67068	66311
40°	31070	32352	31542
45°	1900	11399	2241
50°	938	2653	938
55°	1051	1051	1051
60°	964	964	964
65°	856	1141	856
70°	1057	1057	1057
75°	932	932	932
80°	694	694	694
85°	1383	1383	1383

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 11399 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.6	10.2
10°-20°	266.6	29.4
20°-30°	307.4	33.9
30°-40°	197.4	21.8
40°-50°	34.3	3.8
50°-60°	3.2	0.4
60°-70°	2.5	0.3
70°-80°	1.5	0.2
80°-90°	0.5	0.1
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°	666.6	73.6
0°-40°	863.9	95.4
0°-60°	901.5	99.5
0°-90°	905.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	905.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1016	1016	1016	1016	1016	
5°	959	961	962	964	963	92
15°	974	970	970	976	980	267
25°	685	677	665	666	671	312
35°	316	314	319	313	315	197
45°	8	23	47	28	9	26
55°	4	4	4	4	4	3
65°	2	3	3	3	2	2
75°	1	1	1	1	1	1
85°	1	1	1	1	1	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1015.8	1015.8	1015.8	1015.8	1015.8
1°	1011.5	1010.8	1010.1	1010.8	1011.5
2°	997.3	996.6	995.9	998.7	1000.2
3°	981.7	982.4	983.1	984.6	985.3
4°	969.0	970.4	971.1	972.5	973.2
5°	959.0	961.2	961.9	964.0	963.3
6°	956.2	957.6	958.3	959.0	957.6
7°	957.6	958.3	959.0	960.5	959.0
8°	962.6	963.3	964.0	964.7	964.7
9°	972.5	971.1	970.4	973.2	972.5
10°	981.0	978.9	978.2	982.4	983.1
11°	988.1	985.3	984.6	989.5	990.9
12°	993.1	988.8	988.1	994.5	997.3
13°	993.1	987.4	987.4	994.5	998.7
14°	987.4	981.0	981.0	988.8	993.8
15°	973.9	970.4	969.7	976.1	979.6
17.5°	917.2	913.0	913.7	920.8	921.5
20°	834.3	832.2	833.6	835.0	837.8
22.5°	749.9	748.5	740.7	742.9	744.3
25°	684.7	676.9	664.9	665.6	670.6
27.5°	616.0	608.2	591.2	594.7	599.7
30°	528.1	521.7	509.6	511.8	518.2
32.5°	414.7	427.4	416.1	419.6	417.5
35°	316.1	314.0	319.0	312.6	315.4
37.5°	222.6	223.3	225.4	219.7	219.7
40°	138.2	141.8	143.9	141.1	140.3
42.5°	58.1	79.4	83.6	79.4	58.8
45°	7.8	23.4	46.8	27.6	9.2
47.5°	3.5	5.0	24.8	5.0	3.5
50°	3.5	3.5	9.9	3.5	3.5
52.5°	3.5	3.5	3.5	3.5	3.5
55°	3.5	3.5	3.5	3.5	3.5
57.5°	3.5	3.5	3.5	3.5	3.5
60°	2.8	2.8	2.8	2.8	2.8
62.5°	2.8	2.8	2.8	2.8	2.8
65°	2.1	2.8	2.8	2.8	2.1
67.5°	2.1	2.1	2.1	2.1	2.1
70°	2.1	2.1	2.1	2.1	2.1
72.5°	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4
80°	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7
85°	0.7	0.7	0.7	0.7	0.7
87.5°	0.0	0.0	0.0	0.0	0.0



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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)