

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: P1309030

Luminaire Tested: P3SQAS09R609035DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309030
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: P3SQAS09R609035DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

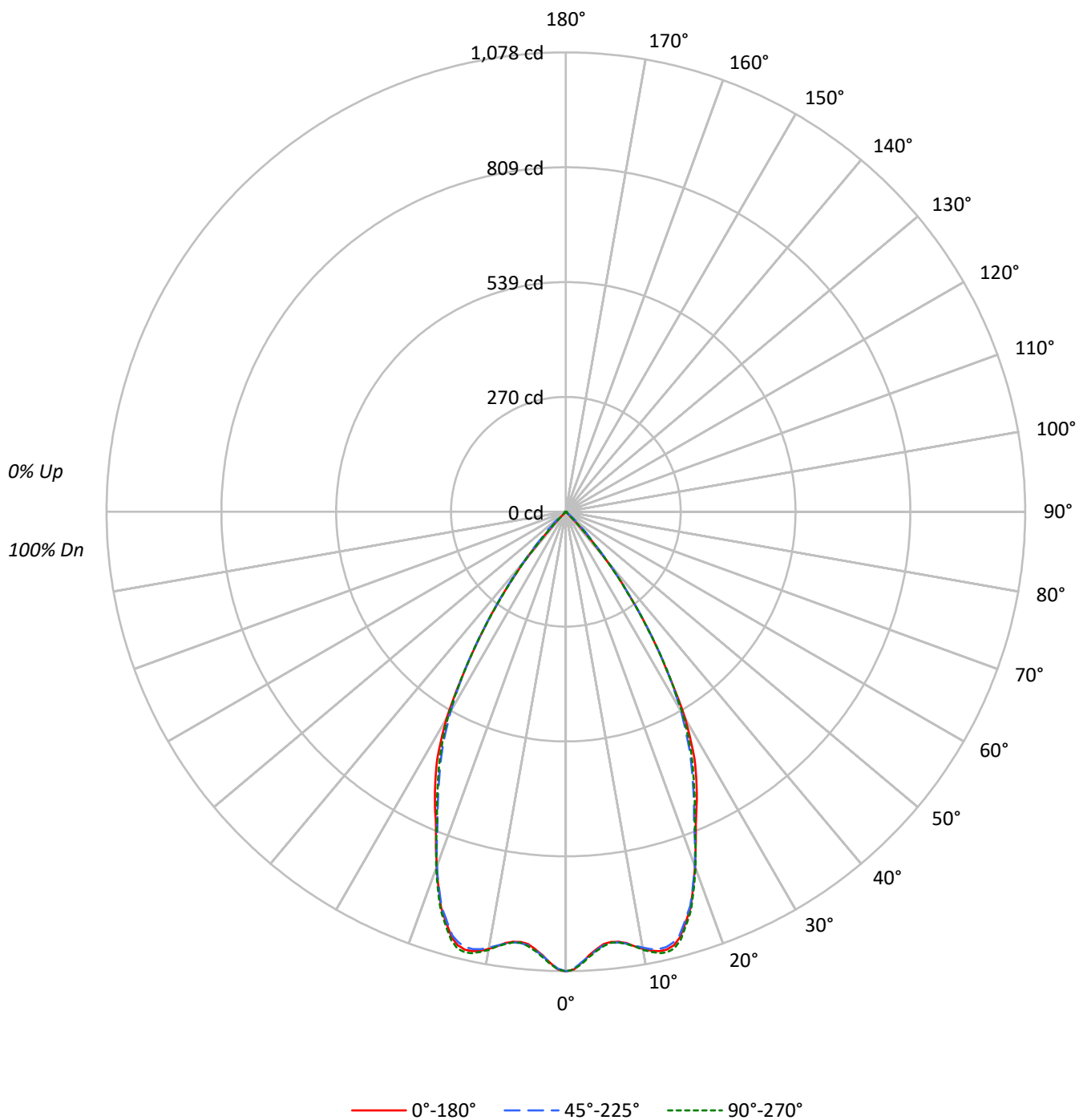
Lumens per Lamp: N/A
Luminaire Lumens: 962.1 lumens
Efficiency: N/A
Efficacy: 86.7 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.92 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1309030

CATALOG NUMBER: P3SQAS09R609035DE010 E3SQCD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1309030

CATALOG NUMBER: P3SQAS09R609035DE010 E3SQCD1MW

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	78		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°	185742	185742	185742
5°	176044	176563	176822
10°	182172	181630	182557
15°	184378	183576	185466
20°	162364	162217	163042
25°	138168	134159	135299
30°	111504	107626	109416
35°	70579	71210	70411
40°	33004	34353	33498
45°	2022	12105	2387
50°	1018	2813	1018
55°	1141	1141	1141
60°	1033	1033	1033
65°	937	1223	937
70°	1158	1158	1158
75°	998	998	998
80°	793	793	793
85°	1581	1581	1581

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 12105 cd/sqm

TEST NUMBER: P1309030

CATALOG NUMBER: P3SQAS09R609035DE010 E3SQCD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.3	10.2
10°-20°	283.1	29.4
20°-30°	326.4	33.9
30°-40°	209.6	21.8
40°-50°	36.5	3.8
50°-60°	3.5	0.4
60°-70°	2.7	0.3
70°-80°	1.6	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°	707.8	73.6
0°-40°	917.3	95.3
0°-60°	957.3	99.5
0°-90°	962.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	962.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1078	1078	1078	1078	1078	
5°	1018	1021	1021	1024	1023	98
15°	1034	1030	1030	1036	1040	283
25°	727	719	706	707	712	331
35°	336	333	339	332	335	209
45°	8	25	50	29	10	27
55°	4	4	4	4	4	3
65°	2	3	3	3	2	3
75°	2	2	2	2	2	2
85°	1	1	1	1	1	1
90°	0	0	0	0	0	

TEST NUMBER: P1309030

CATALOG NUMBER: P3SQAS09R609035DE010 E3SQCD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1078.5	1078.5	1078.5	1078.5	1078.5
1°	1074.0	1073.3	1072.5	1073.3	1074.0
2°	1059.0	1058.2	1057.5	1060.5	1062.0
3°	1042.4	1043.2	1043.9	1045.4	1046.2
4°	1028.9	1030.4	1031.1	1032.6	1033.4
5°	1018.3	1020.6	1021.3	1023.6	1022.8
6°	1015.3	1016.8	1017.6	1018.3	1016.8
7°	1016.8	1017.6	1018.3	1019.8	1018.3
8°	1022.1	1022.8	1023.6	1024.3	1024.3
9°	1032.6	1031.1	1030.4	1033.4	1032.6
10°	1041.7	1039.4	1038.6	1043.2	1043.9
11°	1049.2	1046.2	1045.4	1050.7	1052.2
12°	1054.5	1049.9	1049.2	1056.0	1059.0
13°	1054.5	1048.4	1048.4	1056.0	1060.5
14°	1048.4	1041.7	1041.7	1049.9	1055.2
15°	1034.1	1030.4	1029.6	1036.4	1040.2
17.5°	973.9	969.4	970.2	977.7	978.4
20°	885.9	883.6	885.1	886.6	889.6
22.5°	796.3	794.8	786.5	788.8	790.3
25°	727.1	718.8	706.0	706.7	712.0
27.5°	654.0	645.8	627.7	631.5	636.7
30°	560.7	553.9	541.2	543.4	550.2
32.5°	440.3	453.8	441.8	445.6	443.3
35°	335.7	333.4	338.7	331.9	334.9
37.5°	236.3	237.1	239.3	233.3	233.3
40°	146.8	150.5	152.8	149.8	149.0
42.5°	61.7	84.3	88.8	84.3	62.5
45°	8.3	24.8	49.7	29.4	9.8
47.5°	3.8	5.3	26.3	5.3	3.8
50°	3.8	3.8	10.5	3.8	3.8
52.5°	3.8	3.8	3.8	3.8	3.8
55°	3.8	3.8	3.8	3.8	3.8
57.5°	3.8	3.8	3.8	3.8	3.8
60°	3.0	3.0	3.0	3.0	3.0
62.5°	3.0	3.0	3.0	3.0	3.0
65°	2.3	3.0	3.0	3.0	2.3
67.5°	2.3	2.3	2.3	2.3	2.3
70°	2.3	2.3	2.3	2.3	2.3
72.5°	1.5	1.5	1.5	1.5	1.5
75°	1.5	1.5	1.5	1.5	1.5
77.5°	1.5	1.5	1.5	1.5	1.5
80°	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8
85°	0.8	0.8	0.8	0.8	0.8
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1309030

CATALOG NUMBER: P3SQAS09R609035DE010 E3SQCD1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)