

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: PORTFOLIO

Report Number: P1319302

Luminaire Tested: LDSQA3D13R609835DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1319302
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: PORTFOLIO
Catalog Number: LDSQA3D13R609835DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

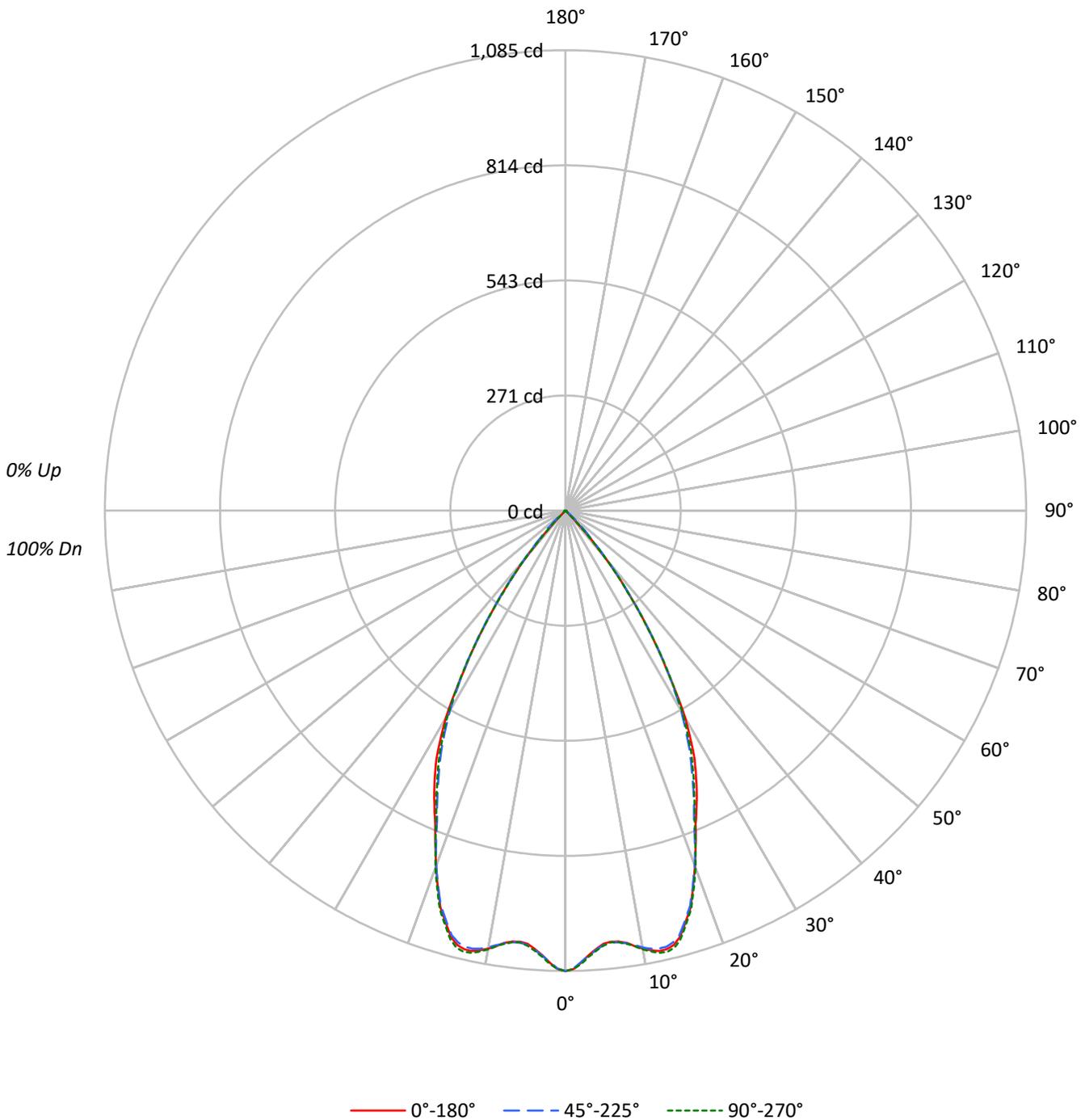
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 968.0 lumens
Efficiency: N/A
Efficacy: 66.8 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): 14.5
Input Voltage (V): NR
Input Current (A_{in}): 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: P1319302
CATALOG NUMBER: LDSQA3D13R609835DE010 3LSQCDR1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1319302

CATALOG NUMBER: LDSQA3D13R609835DE010 3LSQCDR1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	114	111	108	106	111	109	107	105	105	103	101	101	100	98	98	96	95	95	95	95	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	89	89	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	83	83	83	82
4	98	90	85	81	96	89	84	80	87	83	79	85	81	79	83	80	78	78	78	78	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	73	73	73	71
6	88	80	74	70	87	79	73	69	77	73	69	76	72	68	75	71	68	68	68	68	67
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	64	64	64	62
8	80	71	65	61	79	70	65	61	69	64	60	68	64	60	67	63	60	60	60	60	59
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	60	56	56	56	56	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	53	53	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	186913	186913	186913
5°	177151	177669	177929
10°	183309	182767	183693
15°	185537	184717	186607
20°	163372	163225	164068
25°	139024	134995	136135
30°	112200	108282	110092
35°	71021	71652	70853
40°	33206	34555	33723
45°	2022	12178	2387
50°	1018	2840	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: 12178 cd/sqm



TEST NUMBER: P1319302

CATALOG NUMBER: LDSQA3D13R609835DE010 3LSQCDR1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.9	10.2
10°-20°	284.9	29.4
20°-30°	328.4	33.9
30°-40°	210.9	21.8
40°-50°	36.7	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°	712.2	73.6
0°-40°	923.0	95.4
0°-60°	963.2	99.5
0°-90°	968.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	968.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1085	1085	1085	1085	1085	
5°	1025	1027	1028	1030	1029	99
15°	1041	1037	1036	1043	1047	285
25°	732	723	710	711	716	334
35°	338	336	341	334	337	211
45°	8	25	50	30	10	28
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: P1319302
 CATALOG NUMBER: LDSQA3D13R609835DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1085.3	1085.3	1085.3	1085.3	1085.3
1°	1080.7	1080.0	1079.2	1080.0	1080.7
2°	1065.6	1064.8	1064.1	1067.1	1068.6
3°	1048.9	1049.7	1050.4	1051.9	1052.7
4°	1035.3	1036.8	1037.6	1039.1	1039.8
5°	1024.7	1027.0	1027.7	1030.0	1029.2
6°	1021.7	1023.2	1023.9	1024.7	1023.2
7°	1023.2	1023.9	1024.7	1026.2	1024.7
8°	1028.5	1029.2	1030.0	1030.7	1030.7
9°	1039.1	1037.6	1036.8	1039.8	1039.1
10°	1048.2	1045.9	1045.1	1049.7	1050.4
11°	1055.7	1052.7	1051.9	1057.2	1058.8
12°	1061.0	1056.5	1055.7	1062.5	1065.6
13°	1061.0	1055.0	1055.0	1062.5	1067.1
14°	1055.0	1048.2	1048.2	1056.5	1061.8
15°	1040.6	1036.8	1036.0	1042.9	1046.6
17.5°	980.0	975.5	976.2	983.8	984.5
20°	891.4	889.1	890.6	892.1	895.2
22.5°	801.3	799.7	791.4	793.7	795.2
25°	731.6	723.3	710.4	711.1	716.4
27.5°	658.1	649.8	631.6	635.4	640.7
30°	564.2	557.4	544.5	546.8	553.6
32.5°	443.0	456.7	444.6	448.3	446.1
35°	337.8	335.5	340.8	334.0	337.0
37.5°	237.8	238.6	240.8	234.8	234.8
40°	147.7	151.5	153.7	150.7	150.0
42.5°	62.1	84.8	89.4	84.8	62.9
45°	8.3	25.0	50.0	29.5	9.8
47.5°	3.8	5.3	26.5	5.3	3.8
50°	3.8	3.8	10.6	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: P1319302
CATALOG NUMBER: LDSQA3D13R609835DE010 3LSQCDR1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)