

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: P1314718

Luminaire Tested: LDSQA3D13R609730DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314718
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D13R609730DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

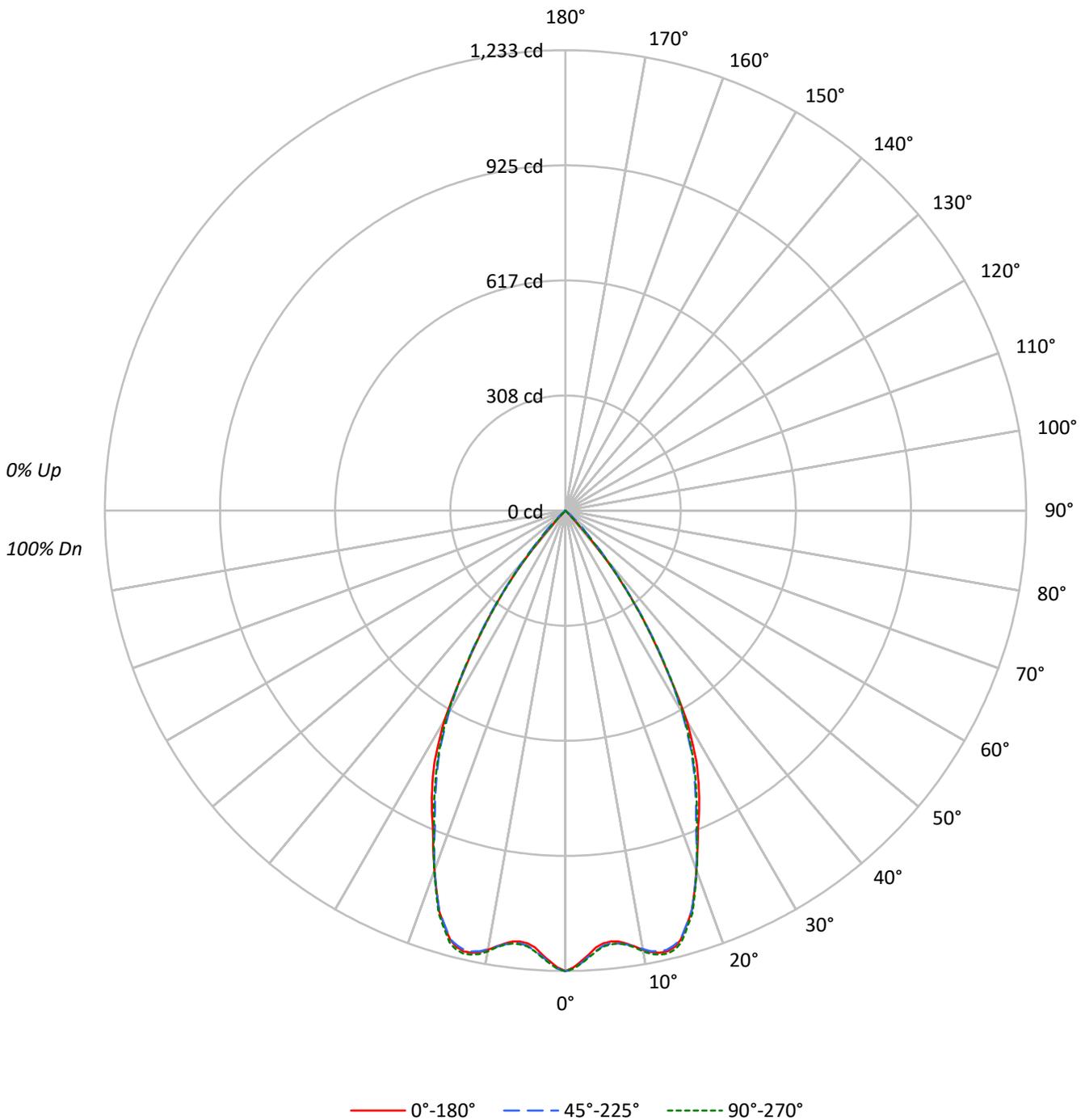
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1093.0 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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				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	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	212419	212419	212419
5°	201164	202218	202530
10°	208824	208526	209750
15°	212299	211978	213530
20°	187857	187857	188187
25°	160991	156202	157513
30°	128785	124112	126021
35°	79893	81554	79725
40°	35072	38602	36061
45°	414	12519	1072
50°	0	1393	0
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 12519 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.6	10.3
10°-20°	326.5	29.9
20°-30°	379.1	34.7
30°-40°	238.7	21.8
40°-50°	35.8	3.3
50°-60°	0.2	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	818.3	74.9
0°-40°	1057.0	96.7
0°-60°	1093.0	100.0
0°-90°	1093.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1093.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1233	1233	1233	1233	1233	
5°	1164	1168	1170	1172	1172	112
15°	1191	1186	1189	1197	1198	326
25°	847	838	822	825	829	385
35°	380	381	388	380	379	237
45°	2	17	51	22	4	23
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1233.4	1233.4	1233.4	1233.4	1233.4
1°	1223.8	1227.3	1227.3	1228.1	1227.3
2°	1207.2	1212.4	1212.4	1215.1	1213.3
3°	1190.7	1195.0	1195.9	1199.4	1198.5
4°	1172.4	1179.3	1181.9	1183.7	1182.8
5°	1163.6	1168.0	1169.7	1172.4	1171.5
6°	1160.2	1163.6	1165.4	1168.0	1168.0
7°	1162.8	1165.4	1168.0	1169.7	1168.0
8°	1170.6	1173.2	1173.2	1176.7	1174.1
9°	1181.9	1182.8	1182.8	1187.2	1184.6
10°	1194.1	1192.4	1192.4	1198.5	1199.4
11°	1204.6	1202.9	1202.0	1208.1	1209.8
12°	1210.7	1207.2	1207.2	1215.1	1215.9
13°	1211.6	1207.2	1207.2	1215.1	1217.7
14°	1204.6	1199.4	1200.2	1209.0	1211.6
15°	1190.7	1186.3	1188.9	1196.8	1197.6
17.5°	1124.4	1121.8	1123.5	1128.8	1129.6
20°	1025.0	1023.3	1025.0	1025.0	1026.8
22.5°	926.6	922.2	913.5	918.7	919.6
25°	847.2	837.6	822.0	825.4	828.9
27.5°	760.1	747.9	731.3	735.7	736.5
30°	647.6	641.5	624.1	628.5	633.7
32.5°	500.3	516.9	506.4	505.6	506.4
35°	380.0	380.9	387.9	380.0	379.2
37.5°	265.8	266.7	272.0	263.2	264.1
40°	156.0	167.4	171.7	168.2	160.4
42.5°	48.8	86.3	97.6	84.5	54.0
45°	1.7	16.6	51.4	21.8	4.4
47.5°	0.0	0.9	24.4	1.7	0.0
50°	0.0	0.0	5.2	0.0	0.0
52.5°	0.0	0.0	0.9	0.0	0.0
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
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)