

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: P1309316

Luminaire Tested: LDSQA3D13R609030DE010 3LSQCDR1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309316
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: LDSQA3D13R609030DE010 3LSQCDR1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

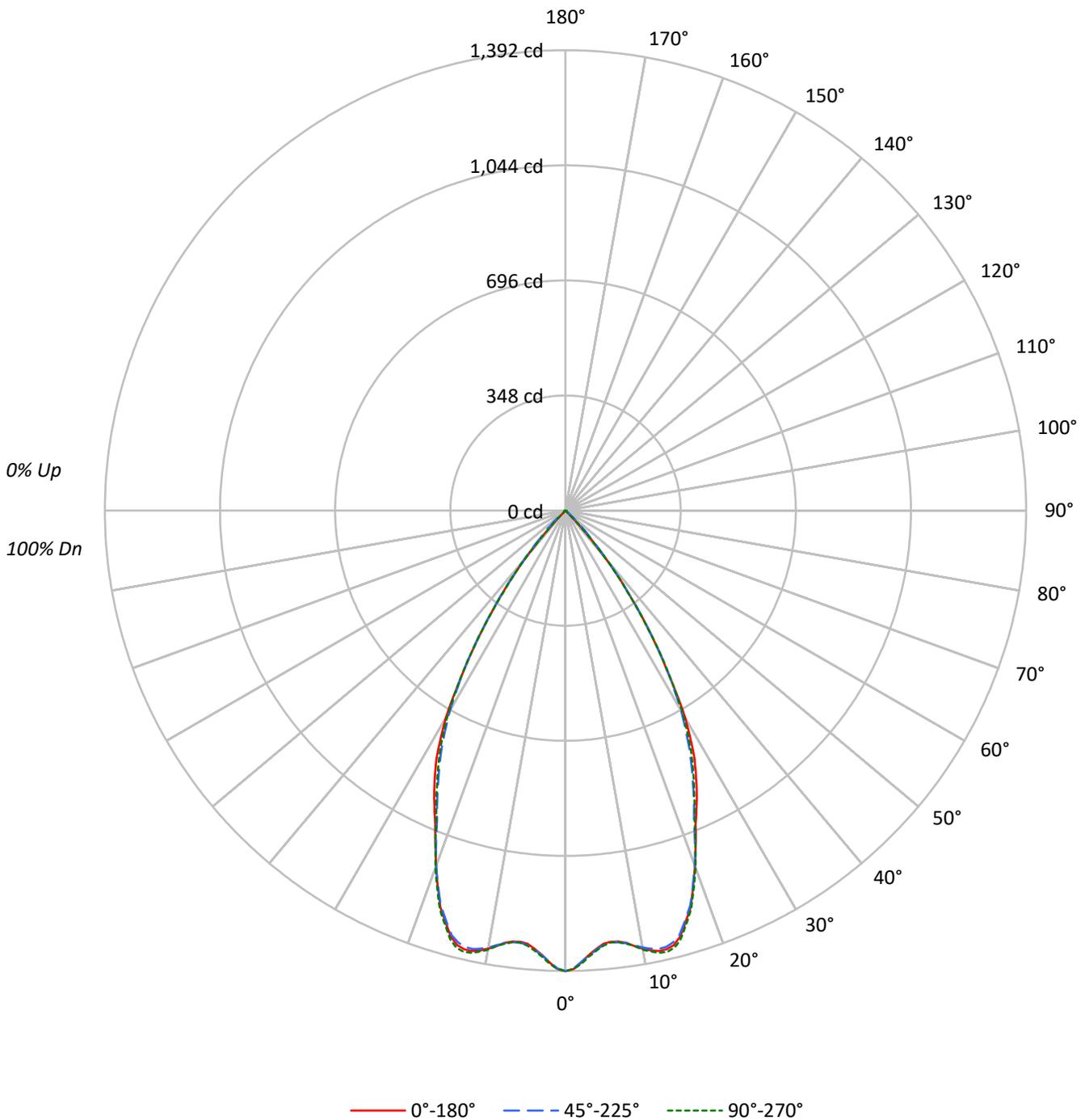
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1242.0 lumens
Efficiency: N/A
Efficacy: 85.1 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): 14.6
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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	239820	239820	239820
5°	227286	227960	228306
10°	235178	234513	235703
15°	238046	237012	239436
20°	209612	209429	210510
25°	178378	173209	174673
30°	143959	138947	141254
35°	91120	91940	90910
40°	42604	44357	43256
45°	2606	15612	3069
50°	1313	3644	1313
55°	1471	1471	1471
60°	1343	1343	1343
65°	1182	1589	1182
70°	1460	1460	1460
75°	1264	1264	1264
80°	992	992	992
85°	1976	1976	1976

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 15612 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.9	10.2
10°-20°	365.5	29.4
20°-30°	421.3	33.9
30°-40°	270.6	21.8
40°-50°	47.1	3.8
50°-60°	4.5	0.4
60°-70°	3.4	0.3
70°-80°	2.0	0.2
80°-90°	0.7	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°	913.8	73.6
0°-40°	1184.3	95.4
0°-60°	1235.9	99.5
0°-90°	1242.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1242.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1392	1392	1392	1392	1392	
5°	1315	1318	1319	1322	1321	127
15°	1335	1330	1329	1338	1343	366
25°	939	928	912	912	919	428
35°	433	430	437	428	432	270
45°	11	32	64	38	13	35
55°	5	5	5	5	5	4
65°	3	4	4	4	3	3
75°	2	2	2	2	2	2
85°	1	1	1	1	1	1
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1392.5	1392.5	1392.5	1392.5	1392.5
1°	1386.6	1385.7	1384.7	1385.7	1386.6
2°	1367.2	1366.2	1365.3	1369.1	1371.1
3°	1345.8	1346.8	1347.8	1349.7	1350.7
4°	1328.3	1330.3	1331.2	1333.2	1334.2
5°	1314.7	1317.6	1318.6	1321.5	1320.6
6°	1310.8	1312.8	1313.8	1314.7	1312.8
7°	1312.8	1313.8	1314.7	1316.7	1314.7
8°	1319.6	1320.6	1321.5	1322.5	1322.5
9°	1333.2	1331.2	1330.3	1334.2	1333.2
10°	1344.8	1341.9	1341.0	1346.8	1347.8
11°	1354.6	1350.7	1349.7	1356.5	1358.4
12°	1361.4	1355.5	1354.6	1363.3	1367.2
13°	1361.4	1353.6	1353.6	1363.3	1369.1
14°	1353.6	1344.8	1344.8	1355.5	1362.3
15°	1335.1	1330.3	1329.3	1338.0	1342.9
17.5°	1257.4	1251.6	1252.5	1262.3	1263.2
20°	1143.7	1140.8	1142.7	1144.7	1148.6
22.5°	1028.1	1026.1	1015.4	1018.4	1020.3
25°	938.7	928.0	911.5	912.4	919.2
27.5°	844.4	833.7	810.4	815.3	822.1
30°	723.9	715.2	698.7	701.6	710.3
32.5°	568.5	585.9	570.4	575.3	572.3
35°	433.4	430.5	437.3	428.5	432.4
37.5°	305.1	306.1	309.0	301.2	301.2
40°	189.5	194.3	197.3	193.4	192.4
42.5°	79.7	108.8	114.7	108.8	80.7
45°	10.7	32.1	64.1	37.9	12.6
47.5°	4.9	6.8	34.0	6.8	4.9
50°	4.9	4.9	13.6	4.9	4.9
52.5°	4.9	4.9	4.9	4.9	4.9
55°	4.9	4.9	4.9	4.9	4.9
57.5°	4.9	4.9	4.9	4.9	4.9
60°	3.9	3.9	3.9	3.9	3.9
62.5°	3.9	3.9	3.9	3.9	3.9
65°	2.9	3.9	3.9	3.9	2.9
67.5°	2.9	2.9	2.9	2.9	2.9
70°	2.9	2.9	2.9	2.9	2.9
72.5°	1.9	1.9	1.9	1.9	1.9
75°	1.9	1.9	1.9	1.9	1.9
77.5°	1.9	1.9	1.9	1.9	1.9
80°	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0
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)