

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: P1309315

Luminaire Tested: LDSQA3D13R609030DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309315
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: LDSQA3D13R609030DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

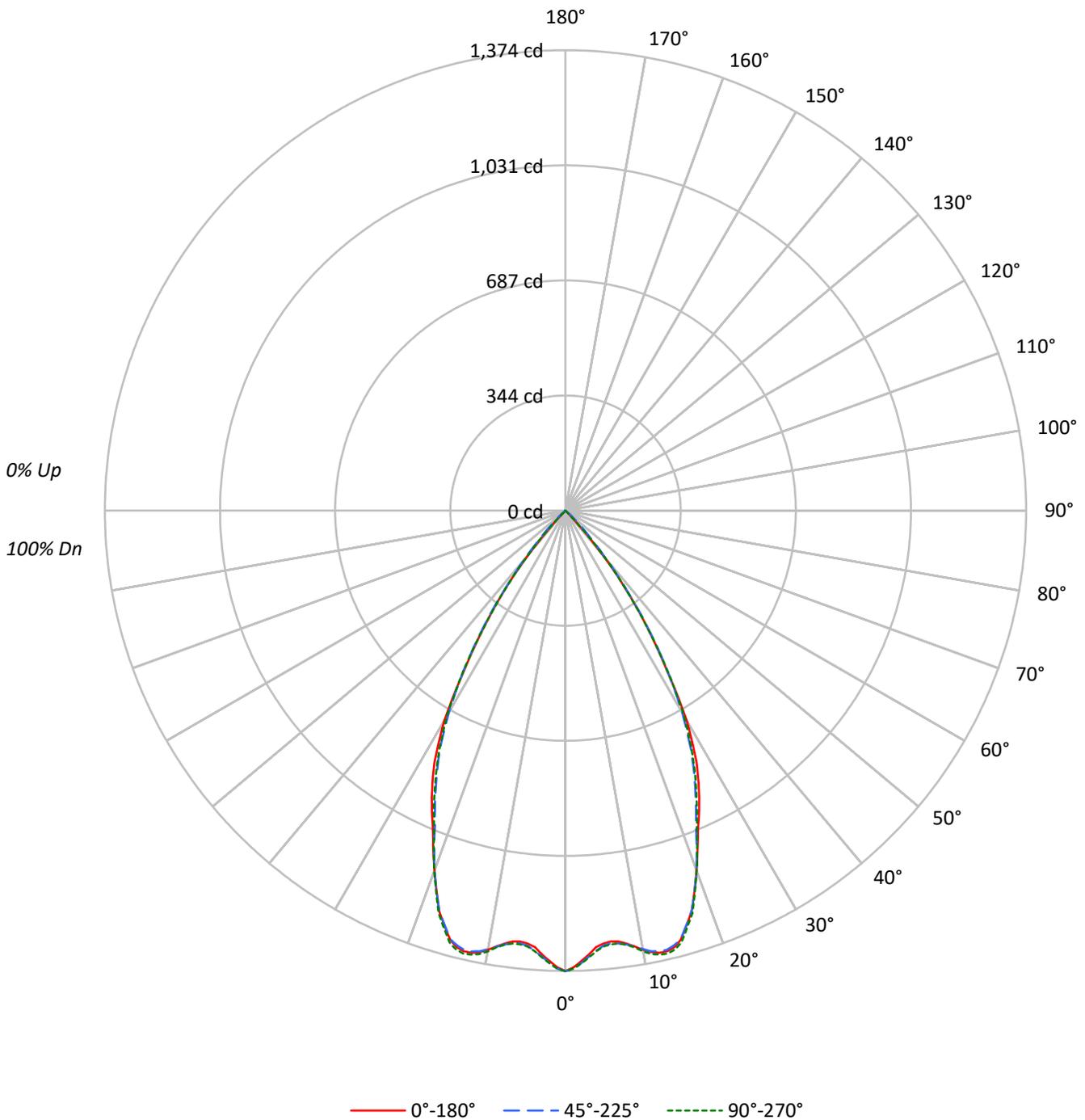
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1218.0 lumens
Efficiency: N/A
Efficacy: 83.4 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

TEST NUMBER: P1309315
CATALOG NUMBER: LDSQA3D13R609030DE010 3LSQCDR1MMS

Luminous Intensity Polar Plot





TEST NUMBER: P1309315
 CATALOG NUMBER: LDSQA3D13R609030DE010 3LSQCDR1MMS

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	88	88	88	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82	82	82	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77	77	77	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67	67	67	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63	63	63	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59	59	59	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	236703	236703	236703
5°	224174	225350	225695
10°	232712	232380	233726
15°	236566	236227	237957
20°	209356	209356	209704
25°	179404	174064	175528
30°	143521	138311	140439
35°	89039	90868	88829
40°	39096	43031	40175
45°	463	13956	1193
50°	0	1554	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: 13956 cd/sqm



TEST NUMBER: P1309315

CATALOG NUMBER: LDSQA3D13R609030DE010 3LSQCDR1MMS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.5	10.3
10°-20°	363.9	29.9
20°-30°	422.4	34.7
30°-40°	266.0	21.8
40°-50°	39.9	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°	911.8	74.9
0°-40°	1177.9	96.7
0°-60°	1218.0	100.0
0°-90°	1218.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1218.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1374	1374	1374	1374	1374	
5°	1297	1302	1304	1306	1306	125
15°	1327	1322	1325	1334	1335	364
25°	944	933	916	920	924	429
35°	424	424	432	424	422	264
45°	2	18	57	24	5	26
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



TEST NUMBER: P1309315
 CATALOG NUMBER: LDSQA3D13R609030DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1374.4	1374.4	1374.4	1374.4	1374.4
1°	1363.7	1367.6	1367.6	1368.6	1367.6
2°	1345.3	1351.1	1351.1	1354.0	1352.1
3°	1326.8	1331.7	1332.7	1336.5	1335.6
4°	1306.4	1314.2	1317.1	1319.1	1318.1
5°	1296.7	1301.6	1303.5	1306.4	1305.5
6°	1292.8	1296.7	1298.7	1301.6	1301.6
7°	1295.7	1298.7	1301.6	1303.5	1301.6
8°	1304.5	1307.4	1307.4	1311.3	1308.4
9°	1317.1	1318.1	1318.1	1322.9	1320.0
10°	1330.7	1328.8	1328.8	1335.6	1336.5
11°	1342.4	1340.4	1339.5	1346.3	1348.2
12°	1349.2	1345.3	1345.3	1354.0	1355.0
13°	1350.1	1345.3	1345.3	1354.0	1356.9
14°	1342.4	1336.5	1337.5	1347.2	1350.1
15°	1326.8	1322.0	1324.9	1333.6	1334.6
17.5°	1253.0	1250.1	1252.0	1257.9	1258.8
20°	1142.3	1140.3	1142.3	1142.3	1144.2
22.5°	1032.5	1027.7	1017.9	1023.8	1024.7
25°	944.1	933.4	916.0	919.8	923.7
27.5°	847.0	833.4	814.9	819.8	820.8
30°	721.7	714.9	695.5	700.3	706.2
32.5°	557.5	576.0	564.3	563.4	564.3
35°	423.5	424.5	432.2	423.5	422.5
37.5°	296.3	297.2	303.1	293.3	294.3
40°	173.9	186.5	191.4	187.5	178.7
42.5°	54.4	96.2	108.8	94.2	60.2
45°	1.9	18.5	57.3	24.3	4.9
47.5°	0.0	1.0	27.2	1.9	0.0
50°	0.0	0.0	5.8	0.0	0.0
52.5°	0.0	0.0	1.0	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



TEST NUMBER: P1309315
CATALOG NUMBER: LDSQA3D13R609030DE010 3LSQCDR1MMS

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)