

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: P1315690

Luminaire Tested: LDSQA3D13R609735DE010 3LSQCDR1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315690
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: LDSQA3D13R609735DE010 3LSQCDR1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , 3LSQCDR1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

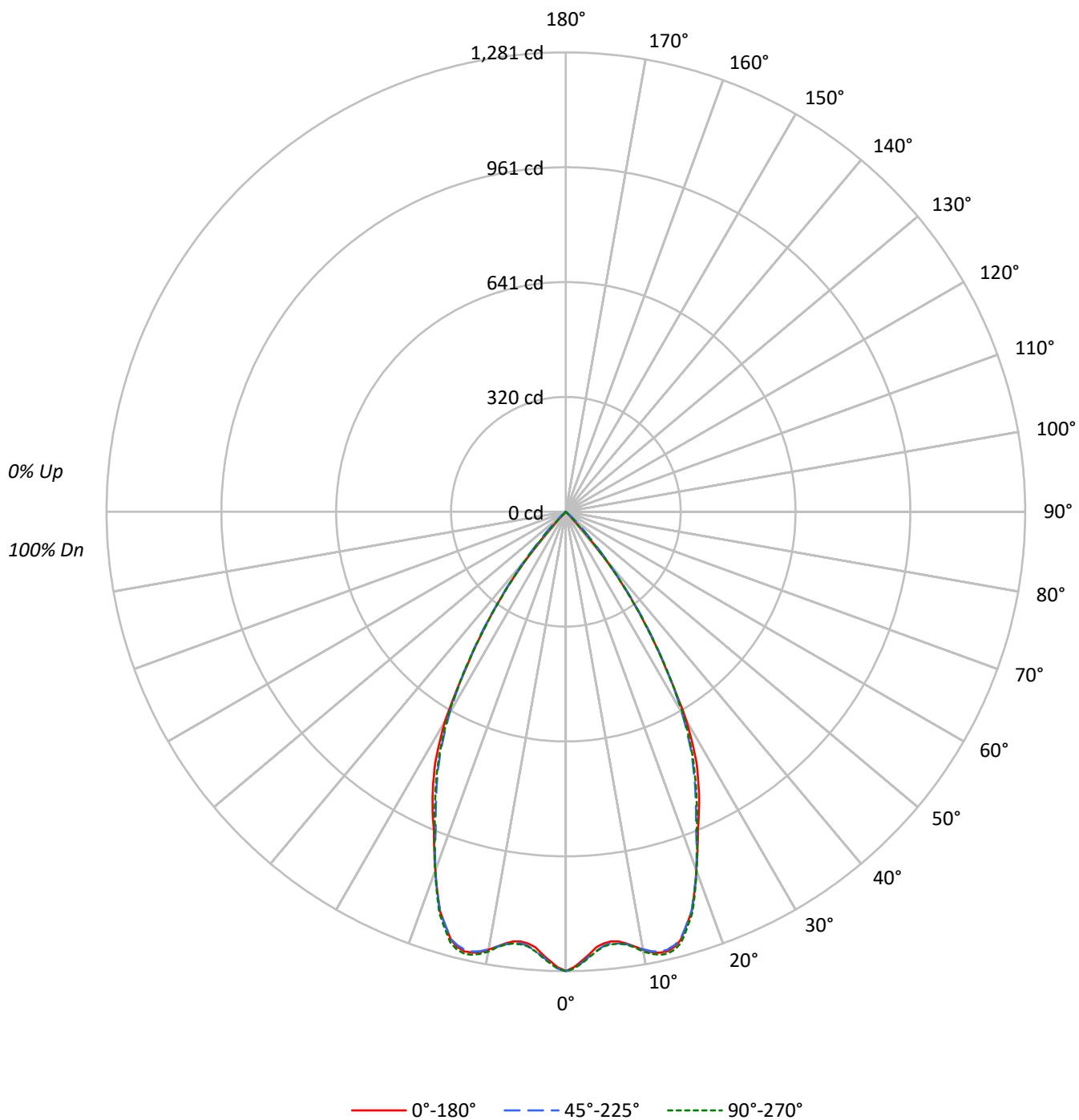
Lumens per Lamp: N/A
Luminaire Lumens: 1135.0 lumens
Efficiency: N/A
Efficacy: 77.7 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	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	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88
3	103	97	92	88	101	96	91	88	93	89	86	91	88	85	88	86	84	82	82	82
4	98	91	86	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77	77	77
5	93	85	80	76	92	84	79	75	83	78	75	81	77	74	79	76	73	72	72	72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67	67	67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63	63	63
8	81	71	66	62	79	71	65	61	70	65	61	69	64	61	68	64	61	59	59	59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56	56	56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	220583	220583	220583
5°	208909	209998	210309
10°	216851	216536	217812
15°	220448	220127	221749
20°	195078	195078	195408
25°	167185	162188	163575
30°	133737	128885	130854
35°	82963	84687	82773
40°	36421	40086	37433
45°	438	13006	1096
50°	0	1447	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: 13006 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.0	10.3
10°-20°	339.1	29.9
20°-30°	393.6	34.7
30°-40°	247.9	21.8
40°-50°	37.2	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°	849.7	74.9
0°-40°	1097.6	96.7
0°-60°	1135.0	100.0
0°-90°	1135.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1135.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1281	1281	1281	1281	1281	
5°	1208	1213	1215	1217	1216	117
15°	1236	1232	1235	1243	1244	339
25°	880	870	854	857	861	400
35°	395	396	403	395	394	246
45°	2	17	53	23	4	24
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1280.8	1280.8	1280.8	1280.8	1280.8
1°	1270.8	1274.4	1274.4	1275.3	1274.4
2°	1253.6	1259.0	1259.0	1261.8	1259.9
3°	1236.4	1240.9	1241.8	1245.5	1244.6
4°	1217.4	1224.6	1227.4	1229.2	1228.3
5°	1208.4	1212.9	1214.7	1217.4	1216.5
6°	1204.7	1208.4	1210.2	1212.9	1212.9
7°	1207.4	1210.2	1212.9	1214.7	1212.9
8°	1215.6	1218.3	1218.3	1221.9	1219.2
9°	1227.4	1228.3	1228.3	1232.8	1230.1
10°	1240.0	1238.2	1238.2	1244.6	1245.5
11°	1250.9	1249.1	1248.2	1254.5	1256.3
12°	1257.2	1253.6	1253.6	1261.8	1262.7
13°	1258.1	1253.6	1253.6	1261.8	1264.5
14°	1250.9	1245.5	1246.4	1255.4	1258.1
15°	1236.4	1231.9	1234.6	1242.7	1243.7
17.5°	1167.6	1164.9	1166.7	1172.1	1173.1
20°	1064.4	1062.6	1064.4	1064.4	1066.2
22.5°	962.2	957.6	948.6	954.0	954.9
25°	879.8	869.8	853.5	857.2	860.8
27.5°	789.3	776.6	759.4	763.9	764.8
30°	672.5	666.2	648.1	652.6	658.0
32.5°	519.5	536.7	525.9	525.0	525.9
35°	394.6	395.5	402.8	394.6	393.7
37.5°	276.1	277.0	282.4	273.4	274.3
40°	162.0	173.8	178.3	174.7	166.5
42.5°	50.7	89.6	101.4	87.8	56.1
45°	1.8	17.2	53.4	22.6	4.5
47.5°	0.0	0.9	25.3	1.8	0.0
50°	0.0	0.0	5.4	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)