

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: P1324885

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQCDR1MB_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324885
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R35W2N902750DE010 3LSQCDR1MB_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
3LSQCDR1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

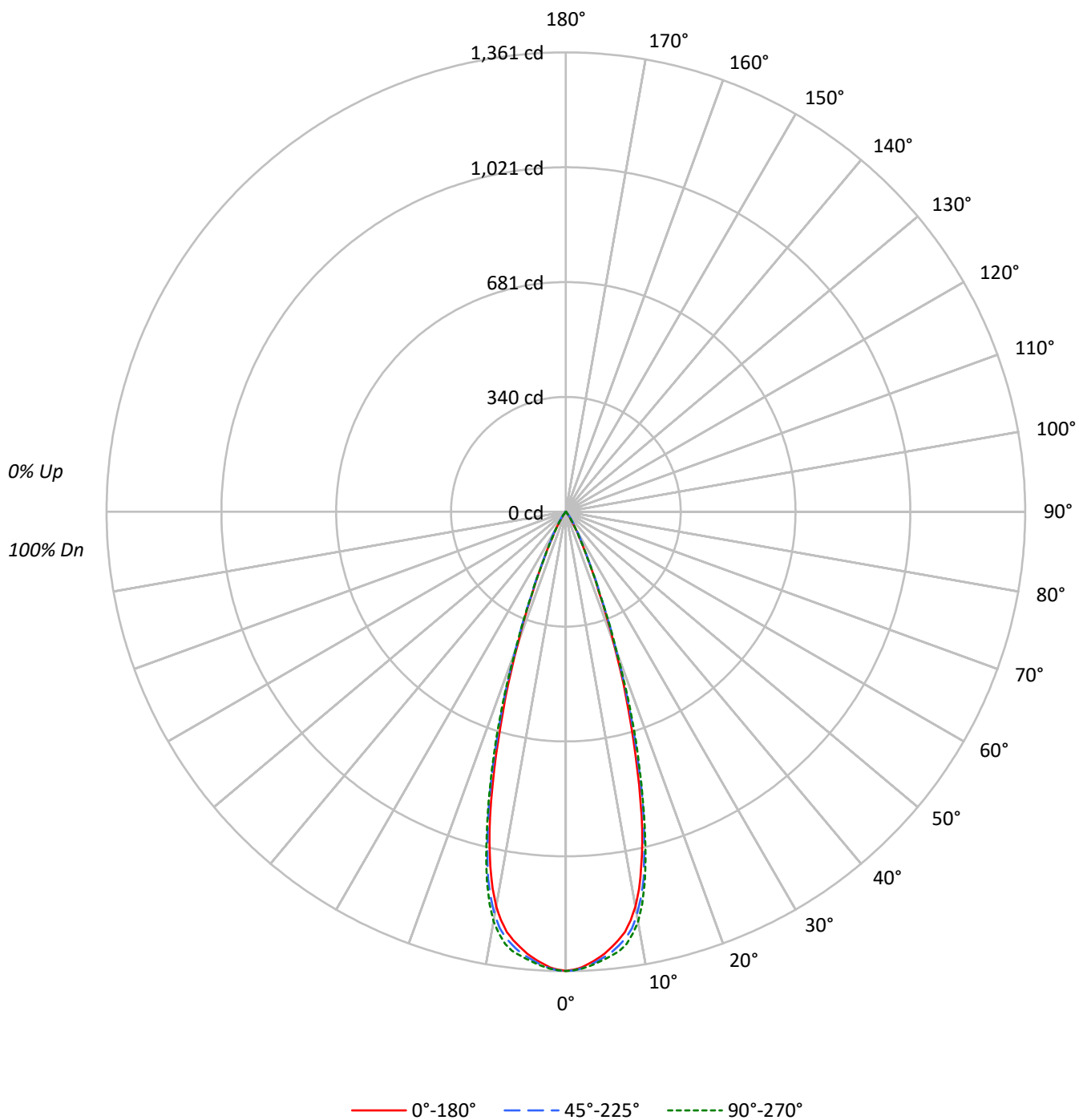
Lumens per Lamp: N/A
Luminaire Lumens: 453.0 lumens
Efficiency: N/A
Efficacy: 76.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	100	99	98
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	234326	234326	234326
5°	227217	228825	230069
10°	207634	212024	215661
15°	149307	155832	157116
20°	76023	79835	80036
25°	28846	29454	28637
30°	11196	12986	10918
35°	3847	6034	3616
40°	1281	2338	1214
45°	97	779	97
50°	0	107	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: 779 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.2	27.2
10°-20°	229.5	50.7
20°-30°	82.5	18.2
30°-40°	16.1	3.6
40°-50°	1.8	0.4
50°-60°	0.0	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°	435.1	96.0
0°-40°	451.2	99.6
0°-60°	453.0	100.0
0°-90°	453.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	453.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1361	1361	1361	1361	1361	
5°	1314	1318	1324	1330	1331	122
15°	837	851	874	880	881	223
25°	152	153	155	154	151	80
35°	18	21	29	21	17	14
45°	0	1	3	1	0	1
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°	1360.6	1360.6	1360.6	1360.6	1360.6
1°	1356.6	1358.4	1358.8	1361.3	1358.4
2°	1350.9	1351.9	1353.4	1355.5	1354.1
3°	1339.7	1341.9	1345.1	1348.0	1348.0
4°	1327.9	1330.8	1334.7	1339.7	1339.4
5°	1314.3	1317.9	1323.6	1329.7	1330.8
6°	1297.0	1301.4	1310.7	1319.3	1320.7
7°	1278.7	1285.2	1294.2	1306.7	1310.0
8°	1257.2	1262.2	1275.2	1289.9	1293.5
9°	1225.6	1233.2	1249.7	1263.3	1265.5
10°	1187.3	1192.6	1212.4	1226.7	1233.2
11°	1137.7	1145.6	1165.0	1179.7	1184.0
12°	1074.6	1086.1	1108.7	1119.4	1123.0
13°	1006.4	1016.1	1033.7	1047.0	1049.8
14°	929.6	939.0	957.3	968.0	965.5
15°	837.4	851.4	874.0	880.1	881.2
17.5°	618.6	627.5	647.6	657.3	664.1
20°	414.8	423.4	435.6	442.0	436.7
22.5°	252.2	259.4	265.9	265.5	263.7
25°	151.8	153.2	155.0	153.9	150.7
27.5°	88.6	92.6	98.0	94.4	89.0
30°	56.3	59.6	65.3	59.2	54.9
32.5°	29.8	37.7	43.8	35.5	31.2
35°	18.3	20.8	28.7	21.2	17.2
37.5°	11.1	12.9	17.9	12.6	10.0
40°	5.7	8.3	10.4	7.5	5.4
42.5°	1.8	3.9	5.7	3.6	1.8
45°	0.4	1.1	3.2	1.1	0.4
47.5°	0.0	0.0	1.4	0.4	0.0
50°	0.0	0.0	0.4	0.0	0.0
52.5°	0.0	0.0	0.0	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



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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)