

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: P1324910

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQPHR1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324910
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R35W2N902750DE010 3LSQPHR1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
3LSQPHR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

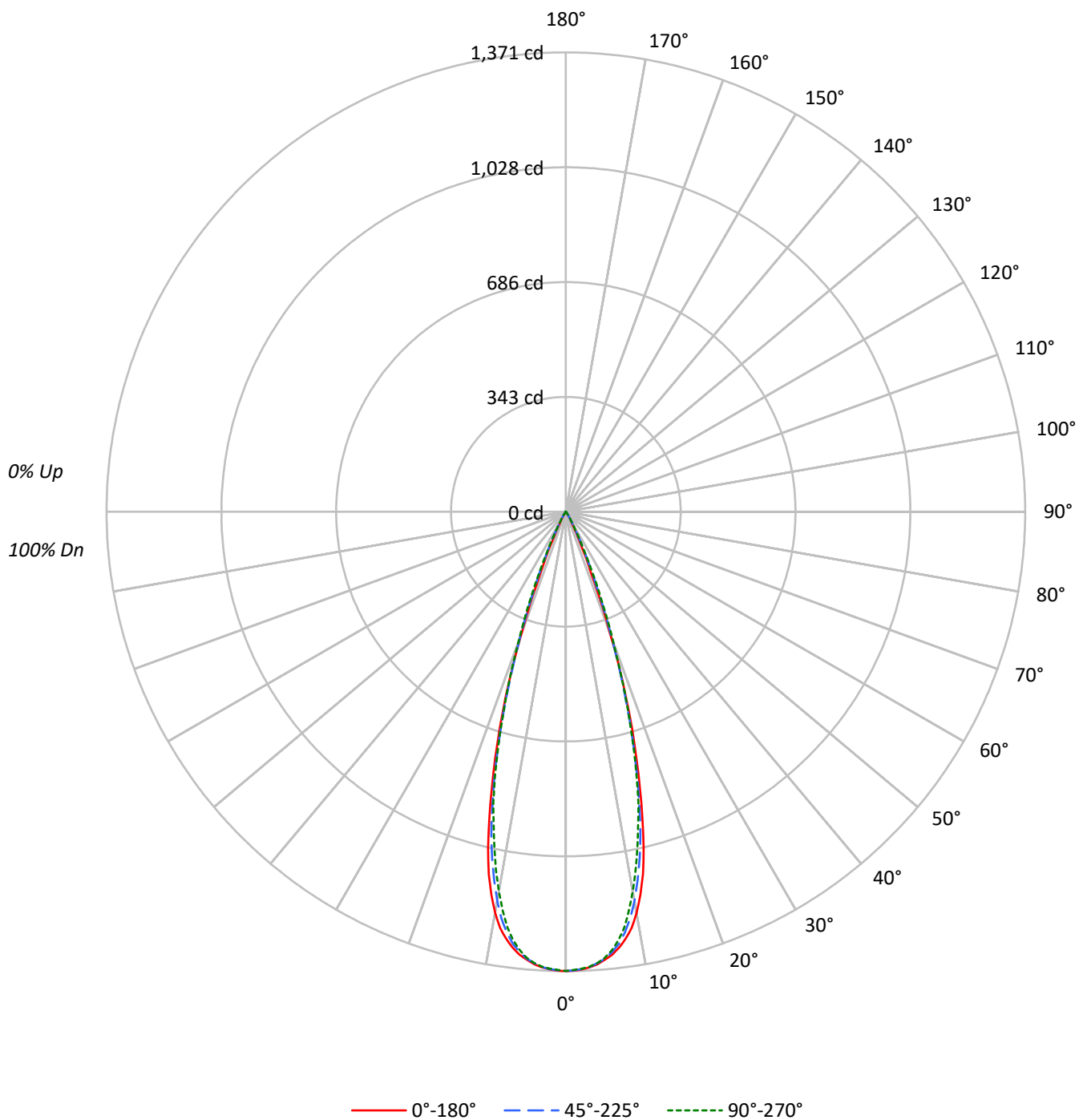
Lumens per Lamp: N/A
Luminaire Lumens: 416.0 lumens
Efficiency: N/A
Efficacy: 70.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	92	91
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90	89	87
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	85	84
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	83	82
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	80	79
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	78	77
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	76	75	74
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	74	73	72
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	236048	236048	236048
5°	231988	231487	231003
10°	212618	206218	201216
15°	152249	147381	145598
20°	70598	73035	75583
25°	16741	23829	24855
30°	4912	5628	6344
35°	1135	1808	1661
40°	247	472	315
45°	97	97	97
50°	107	0	107
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: 0°

Vertical Angle: 52.5°

Luminance: 113 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.0	29.6
10°-20°	220.0	52.9
20°-30°	66.2	15.9
30°-40°	6.3	1.5
40°-50°	0.4	0.1
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°	409.2	98.4
0°-40°	415.5	99.9
0°-60°	416.0	100.0
0°-90°	416.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	416.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1371	1371	1371	1371	1371	
5°	1342	1342	1339	1337	1336	124
15°	854	847	827	823	817	226
25°	88	97	125	131	131	57
35°	5	7	9	9	8	5
45°	0	0	0	0	0	0
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°	1370.6	1370.6	1370.6	1370.6	1370.6
1°	1369.9	1369.9	1369.1	1369.1	1367.7
2°	1366.6	1367.0	1365.6	1365.2	1364.1
3°	1361.6	1360.5	1360.5	1359.8	1359.1
4°	1353.7	1351.6	1350.9	1351.2	1349.8
5°	1341.9	1341.6	1339.0	1337.3	1336.2
6°	1329.0	1326.5	1321.1	1316.5	1315.4
7°	1309.7	1304.3	1299.6	1290.0	1288.5
8°	1286.0	1277.4	1267.4	1253.8	1253.0
9°	1257.0	1243.0	1229.0	1210.8	1204.3
10°	1215.8	1202.9	1179.2	1163.1	1150.6
11°	1164.5	1148.4	1120.8	1101.5	1091.1
12°	1106.5	1091.4	1059.2	1041.6	1026.9
13°	1032.0	1019.4	989.3	970.0	958.5
14°	945.6	936.3	907.6	899.0	895.1
15°	853.9	847.4	826.6	823.1	816.6
17.5°	628.5	617.7	605.9	608.1	610.2
20°	385.2	400.2	398.5	406.3	412.4
22.5°	192.1	211.4	234.0	247.6	254.4
25°	88.1	97.1	125.4	130.8	130.8
27.5°	44.4	46.6	59.1	60.2	63.1
30°	24.7	26.5	28.3	31.5	31.9
32.5°	12.5	14.7	15.4	17.2	16.5
35°	5.4	7.2	8.6	9.3	7.9
37.5°	2.5	3.2	4.7	4.3	3.2
40°	1.1	1.4	2.1	1.8	1.4
42.5°	0.7	0.7	1.1	0.7	0.7
45°	0.4	0.4	0.4	0.4	0.4
47.5°	0.4	0.4	0.0	0.4	0.4
50°	0.4	0.0	0.0	0.0	0.4
52.5°	0.4	0.0	0.0	0.0	0.4
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)