

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: P1324897

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQCDR1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324897
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: PORTFOLIO
Catalog Number: LDSQA3D05R35W2N902750DE010 3LSQCDR1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

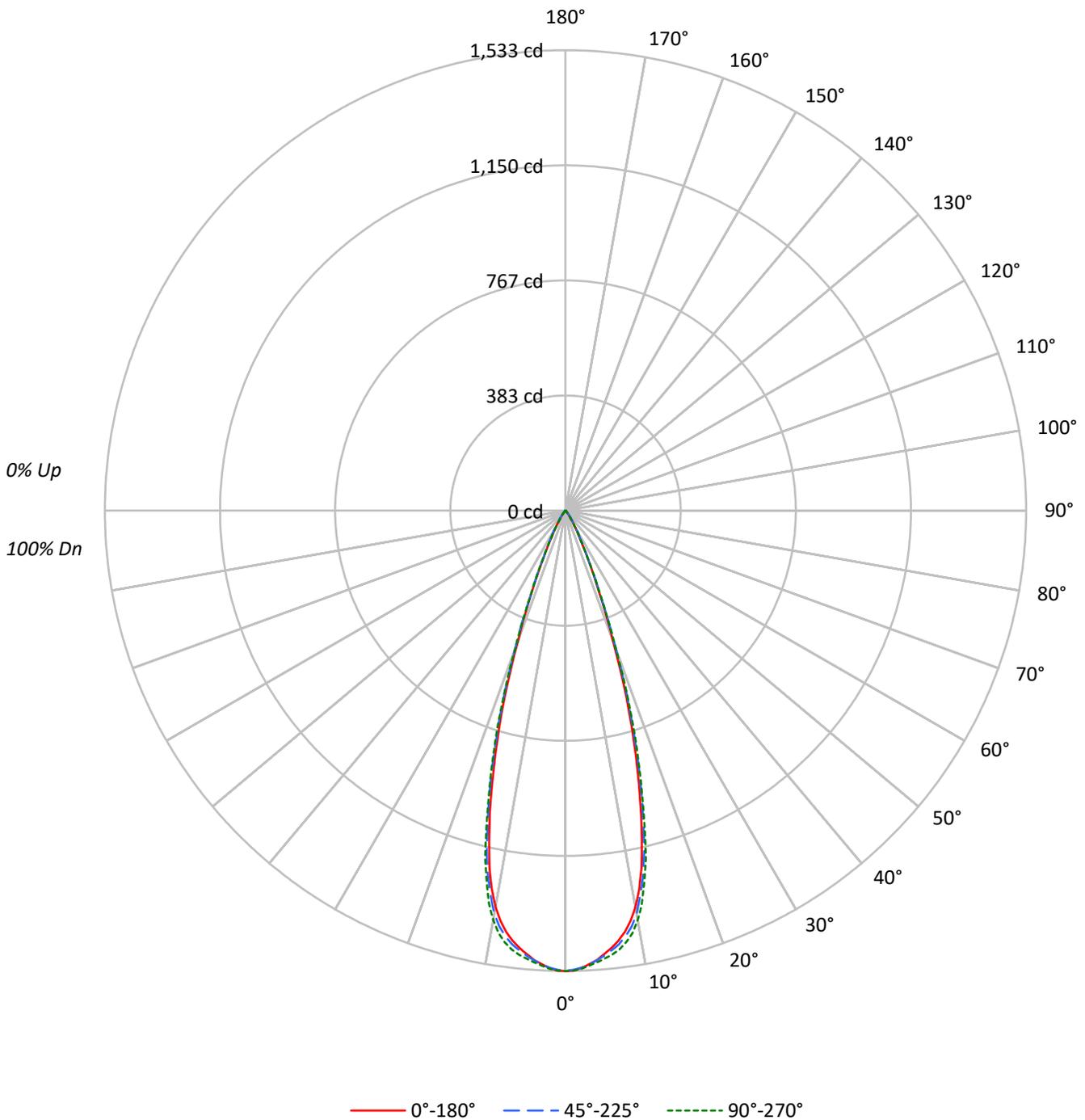
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 515.0 lumens
Efficiency: N/A
Efficacy: 87.3 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 (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			
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	89
4	103	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	86
5	100	94	90	86	99	93	89	86	91	88	85	90	87	85	89	86	84	89	86	83
6	97	90	86	83	96	90	86	83	88	85	82	87	84	82	86	83	81	86	83	80
7	94	87	83	80	93	87	82	79	85	82	79	84	81	79	83	81	78	83	81	77
8	91	84	80	77	90	84	79	77	83	79	76	82	78	76	81	78	76	81	78	75
9	88	81	77	74	88	81	77	74	80	76	74	79	76	74	79	76	73	79	76	72
10	86	79	75	72	85	78	74	72	78	74	71	77	74	71	76	73	71	76	73	70

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	264052	264052	264052
5°	256226	257125	258871
10°	234391	238466	242121
15°	168242	174411	176194
20°	84637	89567	89787
25°	32077	33065	33217
30°	13026	14955	12787
35°	4731	7190	4562
40°	1978	3080	1888
45°	487	1267	487
50°	322	536	322
55°	360	360	360
60°	413	413	413
65°	326	326	326
70°	201	201	201
75°	266	266	266
80°	397	397	397
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°
 Vertical Angle: 45°
 Luminance: 1267 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.6	26.9
10°-20°	258.2	50.1
20°-30°	92.9	18.0
30°-40°	19.5	3.8
40°-50°	3.3	0.7
50°-60°	1.1	0.2
60°-70°	0.8	0.2
70°-80°	0.4	0.1
80°-90°	0.1	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°	489.7	95.1
0°-40°	509.3	98.9
0°-60°	513.7	99.8
0°-90°	515.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	515.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1533	1533	1533	1533	1533	
5°	1482	1485	1487	1497	1497	137
15°	944	960	978	989	988	251
25°	169	171	174	176	175	90
35°	22	26	34	26	22	17
45°	2	3	5	3	2	2
55°	1	1	1	1	1	1
65°	1	1	1	1	1	1
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1533.2	1533.2	1533.2	1533.2	1533.2
1°	1532.4	1532.4	1529.1	1532.8	1531.6
2°	1523.9	1524.7	1522.7	1527.1	1526.7
3°	1512.3	1514.3	1512.7	1519.1	1517.1
4°	1499.8	1501.4	1500.6	1508.6	1507.8
5°	1482.1	1484.9	1487.3	1497.4	1497.4
6°	1464.0	1466.9	1472.1	1482.9	1486.5
7°	1443.1	1446.8	1455.2	1469.7	1472.1
8°	1416.6	1420.6	1432.3	1448.0	1451.2
9°	1383.7	1389.7	1403.0	1421.8	1423.9
10°	1340.3	1345.1	1363.6	1379.2	1384.5
11°	1284.0	1288.0	1304.5	1329.8	1333.0
12°	1215.7	1220.5	1241.8	1258.3	1261.5
13°	1129.3	1138.5	1164.2	1180.3	1189.2
14°	1040.5	1052.9	1071.4	1094.3	1088.7
15°	943.6	960.1	978.2	988.6	988.2
17.5°	706.1	715.7	731.8	737.8	745.9
20°	461.8	474.2	488.7	494.3	489.9
22.5°	286.5	289.8	294.2	296.6	295.8
25°	168.8	171.2	174.0	175.6	174.8
27.5°	101.7	107.3	111.3	106.5	103.7
30°	65.5	67.9	75.2	68.7	64.3
32.5°	39.0	44.6	50.6	43.0	37.4
35°	22.5	26.5	34.2	26.1	21.7
37.5°	14.5	16.5	22.1	16.1	14.1
40°	8.8	11.3	13.7	10.4	8.4
42.5°	4.4	6.8	8.0	6.0	4.4
45°	2.0	3.2	5.2	3.2	2.0
47.5°	1.2	1.6	3.2	1.6	1.2
50°	1.2	1.2	2.0	1.2	1.2
52.5°	1.2	1.2	1.2	1.2	1.2
55°	1.2	1.2	1.2	1.2	1.2
57.5°	1.2	1.2	1.2	1.2	1.2
60°	1.2	1.2	1.2	1.2	1.2
62.5°	0.8	0.8	0.8	0.8	0.8
65°	0.8	0.8	0.8	0.8	0.8
67.5°	0.8	0.8	0.8	0.8	0.8
70°	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	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)