

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: P1324899

Luminaire Tested: LDSQA3D05R35W2N902750DE010 3LSQCDR1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1324899
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
3LSQCDR1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

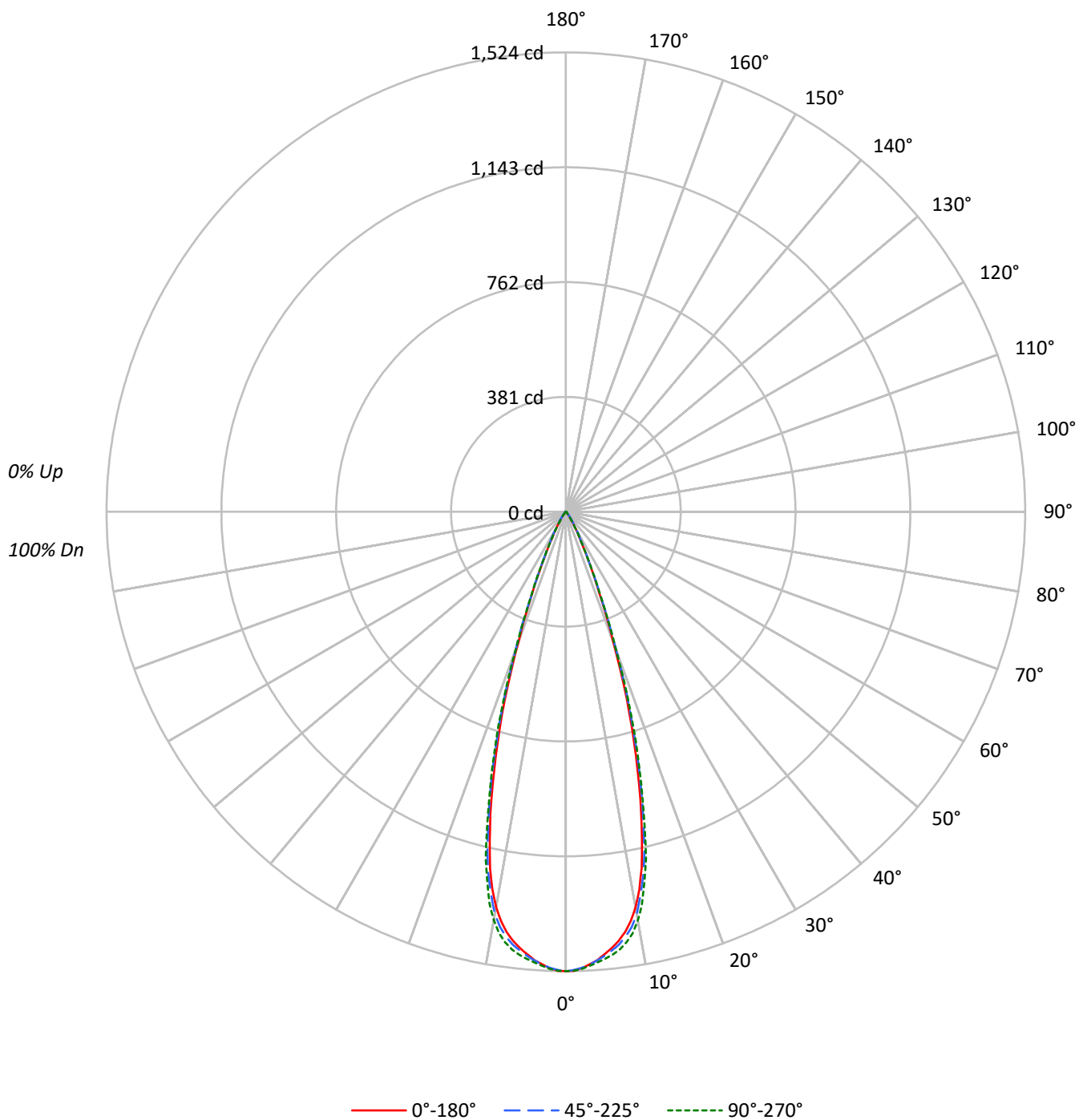
Lumens per Lamp: N/A
Luminaire Lumens: 512.0 lumens
Efficiency: N/A
Efficacy: 86.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	262502	262502	262502
5°	254739	255638	257367
10°	233027	237067	240704
15°	167261	173395	175178
20°	84142	89035	89255
25°	31886	32875	33027
30°	12946	14855	12708
35°	4709	7148	4541
40°	1978	3058	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°	137.8	26.9
10°-20°	256.7	50.1
20°-30°	92.3	18.0
30°-40°	19.4	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°	486.9	95.1
0°-40°	506.3	98.9
0°-60°	510.7	99.7
0°-90°	512.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	512.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1524	1524	1524	1524	1524	
5°	1474	1476	1479	1489	1489	137
15°	938	954	972	983	982	250
25°	168	170	173	175	174	89
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	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1524.2	1524.2	1524.2	1524.2	1524.2
1°	1523.4	1523.4	1520.2	1523.8	1522.6
2°	1515.0	1515.8	1513.8	1518.2	1517.8
3°	1503.5	1505.5	1503.9	1510.2	1508.2
4°	1491.1	1492.7	1491.9	1499.9	1499.1
5°	1473.5	1476.3	1478.7	1488.7	1488.7
6°	1455.5	1458.3	1463.5	1474.3	1477.9
7°	1434.7	1438.3	1446.7	1461.1	1463.5
8°	1408.4	1412.4	1423.9	1439.5	1442.7
9°	1375.6	1381.6	1394.8	1413.6	1415.6
10°	1332.5	1337.2	1355.6	1371.2	1376.4
11°	1276.5	1280.5	1296.9	1322.1	1325.3
12°	1208.6	1213.4	1234.6	1250.9	1254.1
13°	1122.7	1131.9	1157.5	1173.4	1182.2
14°	1034.4	1046.8	1065.2	1087.9	1082.3
15°	938.1	954.5	972.5	982.9	982.5
17.5°	702.0	711.6	727.6	733.5	741.5
20°	459.1	471.5	485.8	491.4	487.0
22.5°	284.9	288.1	292.5	294.9	294.1
25°	167.8	170.2	173.0	174.6	173.8
27.5°	101.1	106.7	110.7	105.9	103.1
30°	65.1	67.5	74.7	68.3	63.9
32.5°	38.8	44.3	50.3	42.8	37.2
35°	22.4	26.4	34.0	26.0	21.6
37.5°	14.4	16.4	22.0	16.0	14.0
40°	8.8	11.2	13.6	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)